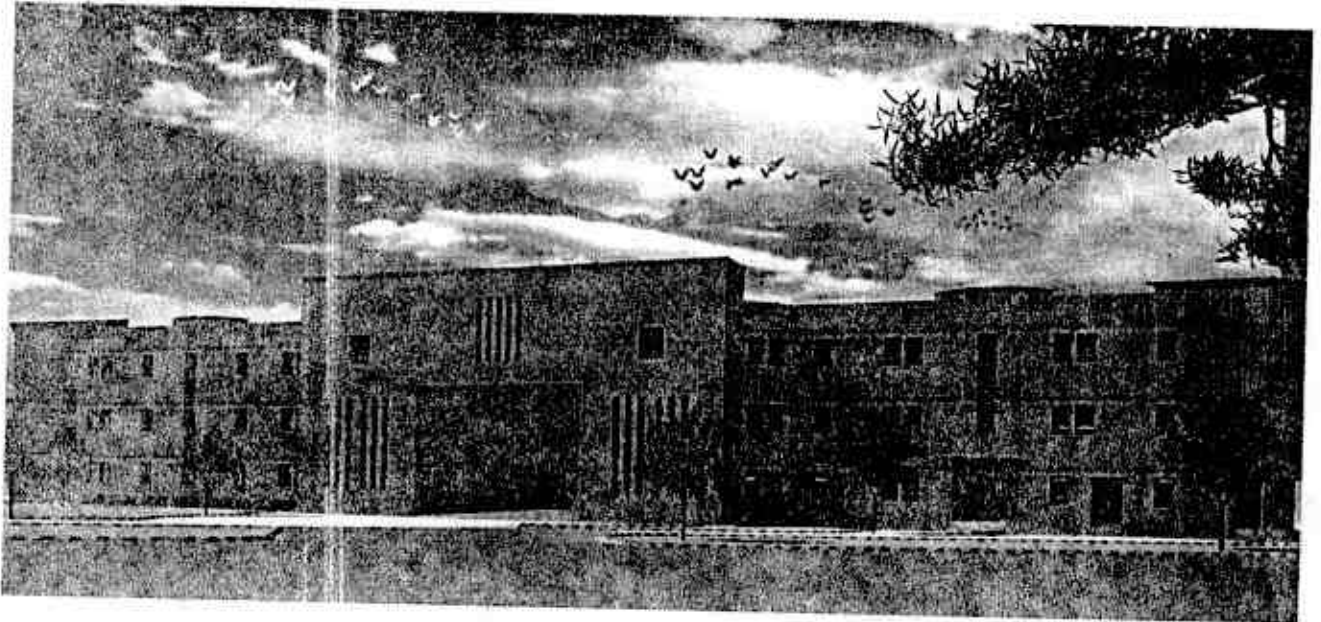




Health Department Government of Sindh

UP-GRADATION OF THQ HOSPITALS TO THE LEVEL OF DHQ HOSPITALS IN SINDH.

UMERKOT



BILL OF QUANTITIES (PART - A) (Volume - III)

Volume-III - Bill of Quantities & Tender Drawings

January 2013

CONSULTANTS



International Design Group

ARCHITECTS, ENGINEERS, PLANNERS
Head Office: IDG House C-13, KDA Scheme No. 1,
Main Habib Rehmatullah Road, Opp. PNS Karsaz, Karachi.
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TENDER DOCUMENTS
ISSUED TO
M/s. HITECH CONSULTANTS
Date: 11/1/2013

UPGRADATION OF THQ HOSPITALS TO THE LEVEL OF DHQ
HOSPITALS IN SINDH.

UMERKOT

GRAND SUMMARY

S#	PARTICULAR	TOTAL AMOUNT
1	Total Cost of Hospital Building	264,421,486/4
2	Total Cost of Residential Accommodation	108,324,793/4
3	Total Cost of Ancillary Buildings	49,095,823/4
4	Total Cost of External Development	111,077,126/4
5	Total Cost of Administration Building	12,508,969/4
Total Cost of Project		519,792,853/4

Corrected Amount

= 264,421,486/4

= 108,324,793/4

= 49,095,823/4

= 545,228,333/4



Handed to by bidder in spirit of social advantage

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Rs. Rupees Five Hundred Nineteen Million Seven Hundred Ninety Two Thousand Eight Hundred Sixty Three

PROJECT DIRECTOR
REHAB/DHQ THQ HOSPITALS
SINDH

HOSPITAL BUILDING



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT

SUMMARY OF HOSPITAL BUILDING

S. No.	Particular	Bill of Quantities		Total Amount
		Amount		
1	Cost of Civil Works	239710855/-		= 239,219,975
2	Cost of Plumbing Works	6731626/-		
3	Cost of Electrical Works	180055277/-		= 18,269,881
Total Amount of Hospital Building				* 264,449,858/-

Note : * * * This amount shall be carried over to Grand Summary



[Signature]
PROJECT DIRECTOR
REHABILITATION OF HOSPITALS
SINDH

HOSPITAL
Sum. Civil

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDHI,
UMERKOT

SUB-SUMMARY OF CIVIL WORKS (HOSPITAL)

S. No.	Particular	Amount of Schedule Items	Amount of Non Schedule Items	Total Amount
1.1.1	Foundation Plinth	63,001,614	580,850/-	83,582,464/-
1.1.2	Ground Floor	45,913,931	756,305/-	64,476,986/-
1.1.3	First Floor	52,981,114/-	203,806,250/-	733,617,379/-
	Amount of Schedule & Non Schedule Items	45,983,003	385,245,309/-	221,421,189/-
	10% above	182,896,659/-		+182,896,666/-
	Total Amount of Schedule & Non Schedule Items	201,186,325/-	2,85,245,309/-	2,29,710,855/-
	Total Amount of Civil Works			239,219,975/-

=17,566,575/- =19,891,225/-

=38,033,659/-

239,219,975/-


Note : * * This amount shall be carried over to Summary of Hospital Building



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of 3 Hospital at Umerkot
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation P. 01/11

CIVIL WORK - (CSR-2012)					
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft (Page No.95, Item No. 4-a light)	%Sft	75.63	57,000	43,109
2	Excavation Excavation in foundation of building bridges and other structures including daggelling, dressing and refilling around structure with excavated soil, watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No 4, Item No.18-b)	%0Cft	3,176.25	207,950	660,501
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge (Page No. 109 Item No.91)	Per Rft	40.10	1,960	78,596
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached parches or entrance etc. complete as per directions of Engininer incharge. (Page No.109 Item No.92)	Per Sft	9.74	47,600	463,624
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No 4, Item No 21)	%0Cft	1,512.50	135,000	205,700
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft (Page No. 4, Item No. 22)	%0Cft	3,530.00	149,940	544,282
5.2	Extra for every 50 ft lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	149,940	271,997



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of L-3 Hospital at Umerkot
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation Pl.

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5.3	Earth work for road embankment by bulldozer including ploughing, mixing, clod breaking dressing and compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5 ft. in all types of soil except rock. For 90% modified AASHO density. (Page No. 2, Item No. 6-II b/Highway)	%Cft	4,77.54	149,940	709,597
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	20,100	539,484
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	23,050	2,170,453
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams, columns raft, lintels and other structural members laid in-situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
b.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge (Page No. 16, Item No. 8(a))				
a)	Foundation / Raft	Per Cft	337.00	86,555	29,169,035
b)	Plinth beam	Per Cft	337.00	13,875	4,675,875
c)	Walls	Per Cft	337.00	895	301,615



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)				
S #	DESCRIPTION	UNIT	RATE	AMOUNT

8.2 (II) Ratio (1:1-1/2:3)
 [Page No. 16, Item No. 5(a)(i)]
 Columns upto plinth level.
 Note:
 Use S.R cement for work upto plinth level.
 Difference in cost for using S.R cement will be paid separately.

Per Cft	349.00	4,215	1,471,035
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9 Steel Reinforcement
 Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)

b) TOR Steel
 (Page No. 17, Item No. 8-b)

Cwt	5,001.70	7,444	37,232,655
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10 Pucca Brick Work in Foundation
 Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6)
 [Page No. 20, Item No. 4-I (e)]
 Note:
 Use S.R cement for work upto plinth level.
 Difference in cost for using S.R cement will be paid separately.

%Cft	11,948.36	1,400	167,277
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11 Plain Cement Concrete
 Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6
 (Page No. 16 Item No. 5-h)
 Situ
 Note:
 Use S.R cement for work upto plinth level.
 Difference in cost for using S.R cement will be paid separately.

%Cft	12,595.00	3,300	415,635
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12 Vertical Centering for Situ
 Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD)
 (Page No. 18 Item No. 19-b-ii)

% Sft	3,127.41	8,600	275,212
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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at 1st Market
 Sub-Head # 1.1.1: Hospital Building - Civil Works - Foundation Plinth

CIVIL WORKS - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.65	5,550	217,163
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface (Page No. 71, Item No. 9)	%Sft	778.09	105,600	829,444
17	FLOORING				
17.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	16,500	442,860
17.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	13,100	1,649,945
17.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	43,600	466,520
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					83,001,614

* This Amount is carried over to sub-summary of Civil Work (Hospital)

PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS				
S #	DESCRIPTION	UNIT	RATE	AMOUNT

1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level	P. Bag	25/-	23,234	580850/- ✓
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TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				580850/- ✓
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* This Amount shall be carried over to sub-summary of Civil Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete including all labour and material excluding reinforcement and its labour for binding which will be paid separately. This includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 3/4" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	13,005	4,382,685
	b) Slab / Projections	Per Cft	337.00	19,875	6,697,875
	c) Walls	Per Cft	337.00	910	306,670
	d) Staircase	Per Cft	337.00	615	207,255
	e) Window Sill	Per Cft	337.00	515	173,555
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	6,500	2,268,500
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	2,673	13,369,544
3	Pucca Brick Work in Super Structure Pacca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	35,910	4,551,363
	b) 4-1/2 thick wall	%Cft	12,674.36	1,000	126,744

PROJECT DIRECTOR
 REHAB:DHQ & SUB HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
3.1	Providing and fixing ornamental cement Jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	250	56,505
4 PLASTERING					
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,117.52	37,480	823,830
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	95,220	2,871,607
4.3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	5,280	159,232
5 FLOORING					
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filing of joints with staurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No 47, Item No 60)				
a)	Flooring	%Sft	30,509.77	1,910	582,737
b)	Dado	%Sft	30,509.77	5,450	1,662,782
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)	Per Sft	567.48	1,890	1,072,537

PROJECT DIRECTOR
REHAB. DHQ & THQ HOSPITALS
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK (CSF 012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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5.3 Marble Tile Skirting

Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work)

(Page No. 49, Item No. 68-l)

Per Sft 186.04 455 84,648

5.4 2" thick C.C Floor

Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels.

(Page No.42, Item No 16-c)

a) for ramp (broom finish)

%Sft 3,275.50 3,330 109,074

b) in lift pit (plain)

%Sft 3,275.50 224 7,337

5.5 Grating in Ramp

Making and fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" sq. bars at 4" centre to centre.

(Page No.92, Item No.25)

Per Sft 293.15 16 4,690

6 DOORS / WINDOWS

6.1 Aluminium Doors

Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Topho (Japan) locks including handles stoppers, etc. complete

Deluxe model (Bronze)

(Page No. 108, Item No. 83-b)

Per Sft 1,507.66 517 779,460

Aluminium Sliding Windows

6.2 Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc. complete Deluxe model (Bronze)

(Page No. 108, Item No. 85-b)

Per Sft 1,449.65 1,007 1,459,838

PROJECT DIRECTOR
REHABILITATION
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	93	5,931
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also l/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	2,945	674,111
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	270	44,253
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No 60)	Per Rft	49.97	4,100	204,877
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60 Item No. 20)	Each	408.14	97	39,590
6.8	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" l/c circle shape at 1-0 apart equivalent fitted with screws or pins l/c, painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No. 30)	Per Sft	194.16	1,105	214,547
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No. 54, item No 24-c)	%Sft	1,079.65	37,480	404,653

[Handwritten Signature]

PROJECT DIRECTOR
 REHAB. DHQ & THQ HUSKIN
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc complete on New surface (including 2nd & subsequent coat) (Page No.55, item No 36-A + B + B)	%Sft	3,444.38	95,220	3,279,739
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	5,280	135,588
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	5,980	86,659
MISCELLANEOUS					
8	Providing and fixing Aluminium sheet 6" to 9" with V-Notch for expansion joints i/c fixing with nails / screws. (Page No. 109 Item No.88)	Per Rft	207.51	275	57,065
9	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of buildings. (Page No. 109 Item No.93)	Per Sft	43.25	200	8,652
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					46,913,931

* This Amount is carried over to sub-summary of Civil Work (Hospital)

[Handwritten Signature]
 PROJECT DIRECTOR
 HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
-----	-------------	------	------	-----	--------

- 1 Providing and laying first class Gutka Brick (9"x2-1/4"x2-1/4") in cladding set and jointed in 1:4 cement sand mortar and laid over a base of 3/4" thick cement sand plaster 1:3 including pointing of gutka bricks with pigmented cement in 1:4 cement sand mortar also including fastening arrangements galvanised tie bars, curing etc; complete in all respect as per drawings and instructions of the Engineer Incharge (cost of base plaster, fasteners and pointing included), on External Elevations at any level and any height.

P. Sft 170/- 21,340 3627800/- ✓
- 2 Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making groves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor.

P. Sft 70/- 5,270 368900/- ✓
- 3 Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.

a) size 16" x 16" on floor P. Sft 195/- 27,750 5411250.00 ✓

b) size 20" x 20" on floor P. Sft 200/- 13,255 2651000/- ✓

c) 4" high skirting P. Sft 255/- 3,285 837675/- ✓
- 4 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P. Sft 425/- 293250/- ✓

PROJECT DIRECTOR
 PH&B:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

S #	DESCRIPTION	CIVIL WORK - NON-SCHEDULE ITEMS		
		UNIT	RATE	QTY	AMOUNT

5 Providing and making counters for following use comprising of 2" thick RCC slab, 2" wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Sft

1000/-

58

58000/- ✓

b) For Reception / Nurse Station

P. Sft

1000/-

178

178000/- ✓

c) For Laboratory

P. Sft

1000/-

328

328000/- ✓

6 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P. Sft

1400/-

2,610



3654000/- ✓



[Signature]
 PROJECT DIRECTOR
 UMERKOT THQ & DHQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital, to the level of THQ Hospital at Umerkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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- | | | | | | |
|----|--|-------|--------|-------|------------------------|
| 7 | Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, also including the cost of providing and fixing approved lead lining arrangements (as per standard requirement for X-Ray room); including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and tower bolts, etc. complete in all respect in any floor. | P. St | 1450/- | 136 | 197200/- |
| 8 | Supplying and fixing in position Aluminium channel framing for openable (hinged) windows of Alcop made with 5 mm thick tinted glass (Belgium) and Aluminium fly screen including handles, stoppers and Locking arrangement, etc. complete as per drawing, specification and as directed by Engineer Incharge. Deluxe model (Bronze), in any floor. | P. St | 650/- | 1,170 | 760 500/- |
| 9 | Supplying and fixing in position Aluminium channel framing for openable (hinged) ventilators of Alcop made with 5 mm tinted glass glazing (Belgium) including handles, stoppers and Locking arrangement, etc. complete as per drawings, specification and as directed by the Engineer Incharge in any floor. Deluxe model (Bronze) | P. St | 1100/- | 148 | 162,800/-
164,280/- |
| 10 | Supplying and fixing in position Aluminium Channel framing for Fixed Glazing of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. complete, in any floor. Deluxe model (Bronze), in any floor. | P. St | 500/- | 465 | 2 32 500/- |
| 11 | Providing and fixing approved quality Bath Latch. | Each | 50/- | 27 | 13500/- |



PROJECT DIRECTOR
 UMERKOT & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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- | | | | | | | |
|----|---|------------------|--------|-------|------------|------------|
| 12 | Providing and fixing hydraulic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge. | Each | 5200/- | 16 | 83200/- ✓ | |
| 13 | Providing and fixing 14" wide bump rail comprising 12"x12" printed ceramics tile(Hala Pattern) of approval quality and make with polished shesham wood beading 1-1/2"x3/4" section at top and bottom fixed on wall with rawal plug (expansion shield) and counter sunk screws etc complete in all respect as per drawing and direction of Engineer in any floor. | P. Rft | 850/- | 1,000 | 850000/- ✓ | |
| 14 | Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor. | a) Floor mounted | P. Rft | 900/- | 64 | 57600/- ✓ |
| | | b) Wall mounted | P. Rft | 700/- | 270 | 189000/- ✓ |
| 15 | Providing and fixing in position garbage chute 2-1/2' dia. comprising 16 guage aluminum sheet with 1-1/4" x 1-1/4" x 1/4" M.S. angle iron frame, including accessories, cutting, wastage, fabrication as per requirement, cartage to site, enamel painting of steel frame, etc. complete in all respect as per drawings and as approved and directed by the Engineer in any floor. (Shop drawings to be got approved before execution). | P. Rft | 1300/- | 18 | 23400/- ✓ | |
| 16 | Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soiling curing etc. complete in all respect as shown on the drawings and as directed by the Engineer Incharge. | P. Rft | 700/- | 3,300 | 330000/- ✓ | |

PROJECT DIRECTOR
 HEALTH, CIVIL & ENVIRONMENTAL
 SINDH
 Jw



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Choke Kot
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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17 Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc complete as per drawings and as directed by the Engineer in any floor.

P. SR

1757

Only Rate required

- ✓

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	17563055/3
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* This Amount shall be carried over to sub-summary of Civil Work (Hospital)

17,561,575/4



PROJECT DIRECTOR
 PROJECT & DESIGN
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

S #	DESCRIPTION	Unit	CIVIL WORK		SR-2012)
			RATE	QTY	AMOUNT
1	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels:	Per Cft	337.00	14,485	4,881,445
	b) Slab / Projections	Per Cft	337.00	20,070	6,763,590
	c) Walls:	Per Cft	337.00	1,270	427,990
	d) Staircase	Per Cft	337.00	615	207,255
	e) Window Sill	Per Cft	337.00	515	173,555
	f) Precast slab (for covering of duct etc.)	Per Cft	337.00	140	47,180
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	7,375	2,573,875
	Base Slab (OHT)	Per Cft	349.00	200	69,800
	Walls (OHT)	Per Cft	349.00	245	85,505
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
	(b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	3,168	15,845,386

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 PROJECT DIRECTOR
 PHAB, DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
3	Pucca Brick Work in Super Structure Pucca brick work in first floor in Cement Sand Mortar (1:6) (Page No. 21, Item No. 5-(e)) + (Page No. 22, Item No. 6(a)) a) 9 inch thick wall	%Cf	13,112.99	41,125	5,392,717
	b) 4-1/2 thick wall	%Cf	13,112.99	1,655	217,020
3.1	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	360	81,367
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a) + (Page No. 54, Item No. 29)	%Sft	2,338.49	39,715	928,731
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b) + (Page No. 54, Item No. 29)	%Sft	3,156.73	98,920	3,122,637
4.3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c) + (Page No. 54, Item No. 29)	%Sft	3,156.73	24,070	759,825
5	FLOORING				
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No. 47, Item No. 60) + (Page No. 42, Item No. 18)				
	a) Flooring	%Sft	30,736.65	2,430	746,901
	b) Dado	%Sft	30,736.65	5,695	1,750,452

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 PROJECT DIRECTOR
 REHABILITATION & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot.
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
5.2	<p>Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a) + (Page No. 42, Item No.18)</p>	Per Sft	794.36	225	178,731
5.3	<p>Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing, removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete (Page No. 49, Item No. 58-i) + (Page No. 42, Item No. 18)</p>	Per Sft	412.92	230	94,972
5.4	<p>2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No. 42, Item No. 16-c) a) In O.T Rooms etc. (trowel finished)</p>	Sq Sft	3,275.50	3,960	129,710
6	DOORS / WINDOWS				
6.1	<p>Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)</p>	Per Sft	1,507.56	292	440,237

[Handwritten Signature]
 PROJECT DIRECTOR
 HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - (CSR- 012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
6.2	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	216	313,133
6.3	Aluminium Sheet Providing and fixing Aluminium sheet on door pasted with glue as per requirement (Page No. 66, Item No. 61)	Per Sft	63.77	246	15,587
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing (Page No. 93, Item No. 29)	Per Rft	228.90	3,110	711,879
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light etc) (Page No. 64, Item No. 46)	Per Sft	163.90	442	72,444
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge (Page No. 66, Item No. 60)	Per Rft	49.97	4,751	237,407
	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60, Item No. 20)	Each	408.14	107	43,871
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats (Page No. 54, Item No. 24-c)	%Sft	1,079.65	39,715	428,783

[Handwritten Signature]
 PROJECT DIRECTOR
 HEALTH, DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umar Kot
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORKS - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, Item No 36-A + B + B)	%Sft	3,444.38	98,920	3,407,181
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (ncluding 2nd & subsequent coat) (Page No.56 Item No 38-A + B + B)	%Sft	2,067.95	24,070	618,106
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	8,200	118,829
Miscellaneous					
7.5	Providing and fixing Aluminium sheet 6" to 9" with V-Notch for expansion joints i/c fixing with nails / screws (Page No. 109 Item No 88)	Per Rft	207.51	520	107,905
7.6	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of buildings (Page No. 109 Item No.83)	Per Sft	43.26	990	42,827
7.7	Reinforced cement concrete spout including fixing in position with top and bottom khuras (Page No. 19 Item No 27)	Each	524.98	27	14,174
7.8	Single layer of tiles 6" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	36,348	1,930,206
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					52,981,114

This Amount is carried over to sub-summary of Civil Work (Hospital)

[Handwritten Signature]
 Sindh
 2012/01/13



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1 Providing and laying first class Gutka Brick (9"x2-1/4"x2-1/4") in cladding set and jointed in 1:4 cement sand mortar and laid over a base of 3/4" thick cement sand plaster 1:3 including pointing of gutka bricks with pigmented cement in 1:4 cement sand mortar also including fastening arrangements galvanised tie bars, curing etc. complete in all respect as per drawings and instructions of the Engineer incharge (cost of base plaster, fasteners and pointing included), on External Elevations at any level and any height.

P. Sft 179/- 22,280 3787600/- ✓

2 Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor.

P. Sft 70/- 9,970 697900/- ✓

3 Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.

P. Sft 175/- 24,470

= 4,282,250/4
 4771650/- ✓

a) size 16" x 16" on floor

P. Sft 200/- 6,530

1306000/- ✓

c) 4" high skirting

P. Sft 225/- 2,505

563625/- ✓

4 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P. Sft 425/- 750

318750/- ✓

PROJECT DIRECTOR
 HEALTH & FAMILY WELFARE
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Utrra of
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
-----	-------------	------	------	-----	--------

5 Providing and making counters for following use comprising of 2" thick RCC slab, 2" wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Stt

1000/-

170

b) For Reception / Nurse Station

P. Stt

1000/-

180


 370000/-
 180000/-

6 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved lower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P. Stt

1400/-

2,805


 3927000/-

7 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, also including the cost of providing and fixing approved lead lining arrangements (as per standard requirement for X-Ray room), including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and lower bolts, etc. complete in all respect in any floor.

P. Stt

1450/-

200

290000/-


 PROJECT DIRECTOR
 HEALTH, DHQ & LH HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORKS - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
-----	-------------	------	------	-----	--------

8	Providing and laying 2mm thick antistatic epoxy paint / Coating (Burger or approved equivalent) in O.T. complete in all respect as shown on the drawings etc. complete.				
	a) on Floors	P. Sft	300/-	1,675	502,500/- ✓
	b) on Walls	P. Sft	300/-	3,010	9,03,000/- ✓
9	Supplying and fixing in position Aluminium channel framing for openable (hinged) windows of Alcop made with 5 mm thick tinted glass (Belgium) and Aluminium fly screen including handles, stoppers and Locking arrangement, etc. complete as per drawing, specification and as directed by Engineer Incharge.				
	Delux model (Bronze), in any floor.	P. Sft	650/-	1,100	7,15,000/- ✓
10	Supplying and fixing in position Aluminium channel framing for openable (hinged) ventilators of Alcop made with 5 mm tinted glass glazing (Belgium) including handles, stoppers and Locking arrangement etc. complete as per drawings, specification and as directed by the Engineer Incharge in any floor. Deluxe model (Bronze).				
		P. Sft	1100/-	260	2,86,000/- ✓
11	Supplying and fixing in position Aluminium Channel framing for Fixed Glazing of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. complete, in any floor.				
	Deluxe model (Bronze), in any floor.	P. Sft	500/-	780	3,90,000/- ✓
12	Providing and fixing approved quality Bath Latch				
		Each	500/-	25	1,25,000/- ✓
13	Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.				
		Each	5200/-	26	1,35,200/- ✓
14	Providing and fixing 14" wide bump rail comprising 12"x12" printed ceramics tile (Hala Pattern) of approval quality and make with polished shesham wood beading 1-1/2"x3/4" section at top and bottom fixed on wall with rawal plug (expansion shield) and counter sunk screws etc complete in all respect as per drawing and direction of Engineer in any floor.				
		P. Sft	850/-	655	5,56,750/- ✓

PROJECT DIRECTOR
 REHABILITATION & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.1.3: Hospital Building - Civil Works - 1st Floor

S #	DESCRIPTION	UNIT	CIVIL WORK - NON-SCHEDULE ITEMS	
			RATE	AMOUNT
15	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor.	P. Rft	900/-	144 129600/- ✓
	a) Floor mounted			
	b) Wall mounted	P. Rft	700/-	118 82600/- ✓
16	Providing and fixing in position garbage chute 2-1/2" dia comprising 16 gauge aluminum sheet with 1-1/4" x 1-1/4" x 1/4" M.S. angle iron frame, including accessories, cutting, wastage, fabrication as per requirement, cartage to site, enamel painting of steel frame, etc. complete in all respect as per drawings and as approved and directed by the Engineer in any floor. (Shop drawings to be got approved before execution)	P. Rft	1300/-	4 5200/- ✓
17	Providing and fixing in position at any height, 3mm thick Fiberglass Plain Sheet of prime quality (using Mat of Taiwan) of Translucent / Opaque colour and M.S Tubular Frame Structure of approved manufacture (M/s FIBER TECH or equivalent as approved) for covering of open area on roof including making water proofing arrangements, required, fastening accessories, painting of M.S frame (3 coats of enamel paint over a coat of anti rust primer), cartage of all material to site etc. complete in all respect as per approved design, drawings, manufacturer's specifications and as approved and directed by the Engineer incharge / Consultant.	P. Sft	500/-	637 318500/- ✓
	a) 01 No. at Level + 27'-0" (Block-1)			
	b) 01 No. at Level + 27'-0" (Block-2)	P. Sft	500/-	412 206000/- ✓
	c) 01 No. at Level + 27'-0" (Block-3)	P. Sft	500/-	412 206000/- ✓
	d) 01 No. at Level + 27'-0" (Block-5)	P. Sft	500/-	4341 2170500/- ✓

PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS					
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT

18. Supplying and fixing aluminum clip-in tile ceiling (Dampa) non perforated size 2' x 2' in standard white finish complete with metal suspension system including making opening for light fixtures including cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.

P. Slt 450/- 1.975 753750/- ✓

19. Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.

P. Slt 175/- ✓ Only Rate required



TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	20380625/- ✓
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* This Amount shall be carried over to sub-summary of Civil Work (Hospital) = 19,891,225/-

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UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT

SUB-SUMMARY OF PLUMBING WORKS (HOSPITAL)

S. No.	Particular	Amount of Schedule Items	Amount of Non Schedule Items	Total Amount
1.2.1	Ground Floor	2,551,255	14,912,000/-	4042465/-
1.2.2	First Floor	1,789,021	10,26,000/-	2,81,502,11/-
	Amount of Schedule & Non Schedule Items	4,340,285	25,17,200/-	63,576,51/-
	.....% Above / Below / At Par	-	-125.86%	-125.86%
	Total Amount of Schedule & Non Schedule Items	4,340,285/-	23,91,340/-	67,51,626/-
	Total Amount of Civil Works			** 67,31,626/-

[Handwritten Signature]



Note : ** This amount shall be carried over to Summary of Hospital Building

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of HQ Hospital at Umerkot
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground floor

PLUMBING WORK - (CSR-2012)

S.#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii) trap and plastic thumble.</p>	Each	6,166.10	18	110,999
2	<p>EUROPEAN W.C Providing & Fixing Eureka type white glazed earthen ware wash down w.c pan complete with & 1/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistem with internal fitting with fitting and clamp 3/4" dia and curing & making requisite number of hole in walls, plainth & floor for pipe connection & making good in cement concrete 1:2:4. (Page # 2 Item # 4)</p>	Each	5,339.40	13	69,412
3	<p>WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & 1/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plainth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern) (Page No.3 Item No.8,9)</p>	Each	4,253.70	56	238,207
4	<p>PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or Equivalent) (Page # 3 item # 11)</p>	Each	2,533.47	50	126,674
5	<p>PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)</p>	Each	447.15	90	40,244



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to 1st level of DHQ Hospital at Umerkot
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6.	CERAMIC SINK Providing and fixing 24" x 18" x 8" white glazed fire clay sink complete with & i/c the cost of cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p. rubber plug chrome plated brass chain, 1-1/2" c.p. brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Foreign or Equivalent) (Page # 5, Item # 18)	Each	722.30	50	236,115
7.	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 5, Item # 21)	Each	1,671.58	90	150,442
8.	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the kerb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item #1 (i))	Each	1,220.67	25	30,517
9.	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia (Page # 18, Item # 12-A)	Each	843.92	100	84,392

[Signature]
 PROJECT DIRECTOR
 HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	200	2,400
b)	3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	600	11,400
c)	1 inch dia (Page # 24,Item # 6c)	Rft	27.00	1,485	40,095
d)	1-1/2 inch dia (Page # 24,Item # 6e)	Rft	43.00	800	34,400
e)	2 inch dia (Page # 24,Item # 6 f)	Rft	65.00	300	19,500
11	MUSLIM SHOWER Supplying and fixing C.P Muslim Showeer with double Bib cock & ring Pipe etc. complete.(Page # 19, Item # 19-A)	Each	3,432.00	32	109,824
12	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1/2 inch dia (Page # 18,Item # 6 i)	Each	235.84	4	943
b)	3/4 inch dia (Page # 18,Item # 6 ii)	Each	290.84	8	2,327
c)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	8	2,547
d)	1-1/2 inch dia (Page # 18,Item # 6 v)	Each	573.70	8	4,590
e)	2"inch dia (Page # 18,Item # 6 vi)	Each	738.76	2	1,478
13	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern,(Page 16, Item # 2-1b)	Each	337.52	10	3,375
14	TOWEL RAIL Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.III) Towel rail 24" long(a) 3/4" dia round or square (Standard Pattern) Page # 7, Item # 1-III(A)	Each	972.95	44	42,810

PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
15	SOAP TRAY Supplying and fixing soap tray of made plastic of superior quality and design with finishing with c.p screws etc. complete. (Page # 8, Item # 6)	Each	169.40	44	7,454
16	MIRROR GLASS Providing and fixing 24" x 18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden plate a) Standard Pattern (Page # 7, Item # 3-A)	Each	1,711.60	56	95,850
17	CANCEALED STOP COCK Supplying / Fixing cancealed stop cock of superior quality with c.p head 1/2" dia C.P fittings of Superior quality for tiles Bath Rooms (Page # 18, Item # 11-B)	Each	509.74	10	5,097
18	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	56	178,024
19	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete (Page No.19 Item No.17)	Each	2,745.60	26	71,386
20	TOILET PAPER HOLDER Providing & Fixing CP brass toilet paper holder of standered size with chrome plated brass bracket complete (Page # 7 item # 2b)	Each	1,071.40	56	59,998
21	BATH ROOM ACCESSORIES SET Supplying & Fixing Bath room accessories set(7 piece) towel road, brush holder soaptray shelf of approved design i/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	3	30,967
21.2	3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	226.00	1,500	339,000

PROJECT DIRECTOR
 UMERKOT THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
21.3	4" dia UPVC PIPE Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft. (Page No.24 item No.6-h).	Rft	334.00	1,200	400,800
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					2,551,265

* This Amount is carried over to sub-summary of Plumbing Work (Hospital)

[Signature]
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DI-Q Hospital at Umerkot
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	PPRC PIPES Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maxphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).	Rft			
a	Do. Do ½ inch (12 mm) Dia Pipe.	Rft	140/-	500	70000/- ✓
b	Do. Do ¾ inch (20 mm) Dia Pipe.	Rft	160/-	600	96000/- ✓
c	Do. Do 1 inch (25 mm) Dia Pipe.	Rft	170/-	1,050	178500/- ✓
d	Do. Do 1¼ inch (32 mm) Dia Pipe.	Rft	250/-	500	125000/- ✓
e	Do. Do. 2 inch (50 mm) dia pipe.	Rft	350/-	400	140000/- ✓
2	ELECTRIC WATER COOLER Providing and fixing of electric water coolers totally rust proof, pressure type with stainless steel body as manufactured by MECO including 3 stage water filter (mabzi or equalvent) as approved by the Engineer-in-Charge. Capacity 60 US gallons (MECO Model ME-30SS).	Each	55000/-	4	220000/- ✓
3	SINGLE GAS BURNER Providing and fixing single gas burner superior quality made of stainless steel with rail cock w/c making gas connection as approved by the Engineer In charge as required.	Each	8000/-	2	16000/- ✓
4	GYESER Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity.	Each	40000/-	4	160000/- ✓

PROJECT DIRECTOR
 REHAB. DHQ & IPH HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHC Hospital at Umerkot
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	GAS WORK M.S. PIPE 1/2" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required 1/3 cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.		150/-	350	52,500/- ✓
6	M.S. PIPE 3/4" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required 1/3 cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	200/-	450	90,000/- ✓
7	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required 1/3 cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	250/-	600	1,50,000/- ✓
8	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	1100/-	12	1,32,000/- ✓
9	BOTEL TRAP Providing and fixing botel trap, Asia brand or approved equivalent for wash basin, including all materials for fixing complete in all respect with all accessories as per drawing.	Each	900/-	200	1,80,000/- ✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					1,49,200/- ✓

* This Amount shall be carried over to sub-summary of Plumbing Work (Hospital)

PROJECT DIRECTOR
 HOSPITALS
 Sindh


Name of Client: Health Department, Government of Orissa
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble</p>	Each	5,166.60	18	110,999
2	<p>EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & l/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia and curing & making requisite number of hole in walls, plinth & fair for pipe connection & making good in cement concrete 1:2:4 (Page # 2 item # 4)</p>	Each	5,339.40	20	106,788
3	<p>WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & l/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern).(Page No.3 Item No.8,9)</p>	Each	4,253.70	36	153,133
	<p>PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or Euivalent.)(Page # 3 item # 11)</p>	Each	2,533.47	36	91,205
5	<p>PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)</p>	Each	447.15	110	49,187

[Handwritten Signature]
 HITECH CONSULTANTS



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Larkot
 Job Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	CERAMIC SINK Providing and fixing 24" x 18" x 8" white glazed fire clay sink complete with & i/c the cost of cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p. rubber plug chrome plated brass chain, 1-1/2" c.p. brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Foreign or Equivalent) (Page # 5, Item # 18)	Each	4,722.30	16	75,557
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.8	90	150,442
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	110	92,831



[Signature]
 PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench w/c cutting,fitting and jointing with solvent cement w/c testing with water to ahead of 122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	200	2,400
b)	3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	450	8,550
c)	1 inch dia (Page # 24,Item # 6c)	Rft	27.00	350	9,450
d)	1-1/2 inch dia (Page # 24,Item # 6e)	Rft	43.00	450	19,350
e)	2 inch dia (Page # 24,Item # 6f)	Rft	65.00	300	19,500
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Showeer with double Bib cock & ring Pipe etc complete.(Page # 19, Item # 19-A)	Each	3,432.00	36	123,552
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1/2 inch dia (Page # 18,Item # 6 i)	Each	235.84	2	472
b)	3/4 inch dia (Page # 18,Item # 6 ii)	Each	290.84	2	582
c)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	8	2,547
d)	1-1/2 inch dia (Page # 18,Item # 6 v)	Each	573.70	8	4,590
e)	2"inch dia (Page # 18,Item # 6 vi)	Each	738.76	4	2,955
12	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock. Standard pattern.(Page 16, Item # 2-ib)	Each	337.52	4	1,350
13	TOWEL RAIL Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.III) Towel rail 24" long(a) 3/4" dia round or square (Standard Pattern) Page # 7, Item # 1-III(A)	Each	972.95	36	35,026

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PROJECT DIRECTOR
REHAB-DHV & THQ HOSPITALS
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RAT	QTY	AMOUNT
14	SOAP TRAY Supplying and fixing soap tray of made plastic of superior quality and design with finishing with c.p screws etc. complete. (Page # 8, Item # 6)	Each	169.40	36	6,098
15	MIRROR GLASS Providing and fixing 24" x 18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden plate. a) Standard Pattern (Page # 7, Item # 3-A)	Each	1,711.60	36	61,618
16	CANCEALED STOP COCK Supplying / Fixing cancealed stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for tiles Bath Rooms (Page # 18, Item # 11-B)	Each	509.74	5	2,549
17	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	36	114,444
18	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete.(Page No.19 Item No.17)	Each	2,745.60	16	43,930
19	TOILET PAPER HOLDER Providing & Fixing CP brass toilet paper holder of standered size with chrome plated brass bracket complete (Page # 7 Item # 2b)	Each	1,071.40	20	21,428
20	BATH ROOM ACCESSORIES SET				
20.1	Supplying & Fixing Bath room accessories set(7 piece) towel rod, brush holder soaptray shelf of approved design w/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	4	41,290
20.2	3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	226.00	900	203,400

PROJECT DIRECTOR
 REHAB.DHQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHI, Hospital at Umarkot
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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20.3 4" dia UPVC PIPE

Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft (Page No.24 Item No.6-h)

Rft 334.00 700 233,800

TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM				*	1,789,021
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* This Amount is carried over to sub-summary of Plumbing Work (Hospital)

[Handwritten Signature]
 PROJECT DIRECTOR
 REHABILITATION & IMPROVEMENT
 SINDH


Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarot
 Item Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - NO. | SCHEDULE ITEMS

#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

Do. Do 1/2 inch (12 mm) Dia Pipe	Rft	140/-	150	21000/- ✓
Do. Do 3/4 inch (20 mm) Dia Pipe	Rft	160/-	500	80000/- ✓
Do. Do 1 inch (25 mm) Dia Pipe	Rft	200/-	550	110000/- ✓
Do. Do 1 1/4 inch (32 mm) Dia Pipe	Rft	250/-	450	112500/- ✓
Do. Do. 2 inch (50 mm) dia pipe	Rft	350/-	200	70000/- ✓

ELECTRIC WATER COOLER

Providing and fixing of electric water coolers totally rust proof, pressure type with stainless steel body as manufactured by MECO including 3 stage water filter (mabzi or equalvent) as approved by the Engineer-in-Charge.

Capacity 60 US gallons (MECO Model ME-30SS)	Each	55000/-	4	220000/- ✓
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SINGLE GAS BURNER

Providing and fixing single gas burner superior quality made of stainless steel with rail cock i/c making gas connection as approved by the Engineer In charge as required.

	Each	8000/-	7	56000/- ✓
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GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

	Each	40000/-	4	160000/- ✓
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PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	GAS WORK M.S. PIPE 1/2" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	150/-	70	10500/- ✓
6	M.S. PIPE 3/4" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	200/-	100	20000/- ✓
7	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	250/-	600	150000/- ✓
8	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	1100/-	8	8800/- ✓
9	BOTEL TRAP Providing and fixing botel trap, Asia brand or approved equivalent for wash basin, including all materials for fixing complete in all respect with all accessories as per drawing.	Each	900/-	8	7200/- ✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					1026000/- ✓

* This Amount shall be carried over to sub-summary of Plumbing Work (Hospital)

[Signature]
 PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS,
 SINDH



**UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT**

HOSPITAL
Sum. Civil

SUB-SUMMARY OF ELECTRICAL WORKS (HOSPITAL)

S. No.	Particular	Amount of Schedule Items	Amount of Non-Schedule Items	Total Amount
1.3.1	Ground Floor	1,390,345	876,417.57	1015452.07
1.3.2	First Floor	1,012,030	766,019.57	867222.57
	Amount of Schedule & Non-Schedule Items	2,402,375	1,642,437.07	1882674.57
	.....% Above / Below / ALP		821,219.72	821,219.72
	Total Amount of Schedule & Non-Schedule Items	2,402,375/-	1,560,315.27	1800552.72
Total Amount of Electrical Works				1800552.72

$= 8,791,175/-$
 $= 7,202,195/9$

$= 15,993,370/-$
 $(-) 821,219.72$
 $= 15,867,514/9$

$= 18,269,885/-$

Note : * * This amount shall be carried over to Summary of Hospital Building

[Signature]
PROJECT DIRECTOR
DHQ HOSPITALS,
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital, Umerkot
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORKS - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 core copper conductor 300/500 volts size 10 mm ² Schedule item no.101 page 12	Per Mter.	742.00	140	103,880
2	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 core copper conductor 600/1000 volts size 16 mm ² Schedule item no.102 page 12	Per Mter.	1,300.00	260	338,000
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no:15	Per Point	797.00	550	438,350
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 125 page no:15	Per Point	985.00	74	72,890
5	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	74	11,174
6	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	54	8,748
7	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	405	29,160
8	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	80	241,600
9	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	39	124,215
10	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	8	22,328
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	1,390,345

This Amount is carried over to sub-summary of Electrical Work (Hospital)

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 HITECH CONSTRUCTORS
 100/103, Industrial Area, Phase-1, Karachi-75200, Pakistan
 Tel: 37321111, 37321112, 37321113, 37321114, 37321115
 Fax: 37321116, 37321117, 37321118, 37321119, 37321120
 Email: hitechconstructors@gmail.com, hitechconstructors@yahoo.com



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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I- Wiring & Accessories.

1	Wiring of light point from distribution board to light point with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit, including all wiring accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, ceiling etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specifications and drawing.	Point	3200/-	7	22400/- ✓
2	Same as item No. 1 wiring from point to point with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.	Point	2800/-	42	117600/- ✓
3	Same as above item No.1 but wiring with 2x4sq.mmsingle cor + ECC as required for O.T. light point, complete as per specification and drawing.	Point	4000/-	1	4000/- 4600/- ✓
4	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	3200/-	48	153600/- ✓
5	Wiring of light and fan point from point to switch with 1.5 sq.mm single core PVC insulated copper conductor wire in 3/4" dia PVC conduit, including all wiring accessories such as bend, socket, reducer, JBs etc., recessed in the wall, column, roof including ECC single core (Green) wire, complete as per specification and drawing.	Point	1450/-	550	797500/- ✓

PROJECT DIRECTOR
 REHABILITATION OF THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULED ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	4600/-	68	312800/- ✓
7	Same as above item No.10 but power plug outlet to outlet, complete as per specifications and drawing.	Point	3800/-	68	258400/- ✓
8	Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	7000/-	37	259000/- ✓
9	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.	No.	150/-	28	4200/- ✓
a) 1 Gang switch		No.	250/-	59	14750/- ✓
b) 2 Gang switch		No.	325/-	37	12025/- ✓
c) 3 Gang switch		No.	450/-	44	19800/- ✓
d) 4 Gang switch		No.	850/-	118	100300/- ✓
f) Ceiling Fan Dimmer 400W					

PROJECT DIRECTOR
 HEALTH DEPT. THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Perkot
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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10 Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet

No. 525/- 74 38850/- ✓

b) 13 Amps 3-pin (Duplex) outlet

No. 1250/- 76 95000/- ✓

c) 16 Amps International switch & socket

No. 825/- 92 48350 75,900 ✓

d) 16 Amps Souko switch & socket

No. 525/- 8 4200/- ✓

e) 25 Amps disconnect Isolator switch for AC unit

No. 2500/- 37 92500/- ✓

II- Fixtures:

11 Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.

No. 3000/- 17 51000/- ✓

12 Supply, installation, connecting, testing and commissioning of following surface mounting fluorescent light fixture with TLD white day light lamp, including starter, electro magnetic ballast & capacitor as Philips or approved Pierlite.

c) Plastic diffuser 1x36W Philips GMP-015/136 or Pierlite PBWC-135

No. 2500/- 215 537500/- ✓

e) High performance luminaire with M2 reflector 1x36W Philips TCS/136 or Pierlite PT136S-M1

No. 2500/- 75 187500/- ✓

f) High performance luminaire with M2 reflector 2x36W Philips TCS/236 or Pierlite PT236S-M1

No. 3000/- 6 18000/- ✓

g) Mirror Light Fixture with 18W Fluorescent lamp

No. 2000/- 10 20000/- ✓

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - II NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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13	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No	1800/-	8	14400/- ✓
14	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 2x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No	3200/-	102	326400/- ✓
15	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W	No	2400/-	53	127200/- ✓
16	Supply, installation, connecting, testing & commissioning of ceiling suspended double sided 10W Exist / Sign light having M.S. sheet powder coated Pierlite ST10NMD or approved by the Architect.	No	4500/-	5	22500/- ✓
17	Supply, installation, connecting, testing & commissioning of Insect Killer pendent mounting with 2x20W ultra vital lamp Pierlite type IK22D(Khind) or approved by the Architect.	No	6000/-	12	72000/- ✓
III- Distribution board, power cable, Pipes & Earthing					
18	Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready and wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per specifications and drawing.				
	Radialogy				
	a) LDB-2G	Set	25000/-	1	25000/- ✓
	b) PDB-2G	Set	110000/-	1	110000/- ✓
	c) DB-LAB	Set	2500/-	1	2500/- ✓

Jm
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RAT.	QTY	AMOUNT
<i>O.P.D.</i>					
a)	LDB-3G	Set	90000/-	1	90000/- ✓
b)	PDB-3G	Set	120000/-	1	120000/- ✓
c)	ACDB-3G	Set	98000/-	1	98000/- ✓
<i>O.P.D.</i>					
a)	LDB-1G	Set	25000/-	1	25000/- ✓
b)	PDB-1G	Set	35000/-	1	35000/- ✓
c)	ACDB-1G	Set	35000/-	1	35000/- ✓
<i>Casualty</i>					
a)	LDB-4G	Set	25000/-	1	25000/- ✓
b)	PDB-4G	Set	45000/-	1	45000/- ✓
<i>Circulation area:</i>					
a)	LDB-5GC	Set	335000/-	1	335000/- ✓
b)	PDB-LIFt	Set	365000/-	1	365000/- ✓
19	Supply and installation of following sizes PVC conduit surface/ recessed in wall, beam etc., including all installation accessories as required for power cabling, complete as per specification and drawing.				
a)	1-1/2" dia PVC conduit	Rft	90/-	210	18900/- ✓
b)	1" dia PVC conduit	Rft	80/-	100	8000/- ✓
20	Supply & installation of galvanized perforated enclosed with openable cover 12"x4" cable trunking, including installation brackets and all installation accessories and material, complete as per specification and drawing.				
		Rft	850/-	120	102000/- ✓
<i>IV- Nurs Call system system:</i>					
21	Supply and installation of 3/4" dia PVC conduit to be installed recessed /surface of wall, beam ceiling, column etc., as shown on drawing, complete with all respects.				
		Rft	150/-	200	30000/- ✓

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at [unclear] Market
 Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

#	DESCRIPTION	ELECTRICAL WORK		NON-SCHEDULE ITEMS	
		UNIT	RATE	QTY	AMOUNT
2	Supply, connecting, testing & commissioning of 1 sq.mm 4-core PVC shielded cable suitable for nurse call system in already installed conduit, complete as per specification and drawing.	Rft	200/-	500	100000/- ✓
3	Supply, connecting, testing & commissioning of following accessories of nurse call system, complete in all respects.	No.	1000/-	12	12000/- ✓
	a) Pressure/ Nurs call button	No.	5000/-	3	15000/- ✓
	b) Door indicator panel for 10 zone	Set	30000/-		30000/- ✓
4	Supply, installation, connecting, testing C-TEC Nurse call 800 suitable for 20 zone indicator panel with buzzer, complete in all respects.	Set			
5	V- Communication System: Supply and installation of 1" or 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft	90/-	3,000	27000/- ✓
6	Supply and installation of structure cable as required for High-Speed Data network station CAT-6 PVC shielded cable in already installed Trunking/ conduit/ Channel. The CAT-6 cable should be 3M or Clipsal make Australian, complete in all respect with satisfaction of the Client/ Consultant.	Rft	90/-	7,100	639000/- ✓
7	Supply, installation, connecting, testing and commissioning of Duplex Data / Voice outlet RJ45 suitable for Cat-6 with fancy gang plate, Clipsal C-Vivace series make or 3M, including sheet steel back box, complete in all respects.	No.	1450/-	69	100050/- ✓
8	Supply, installation, connecting and testing of following Enhanced Cat-6 Patch Cords	No.	480/-	120	57600/- ✓
	a) 1 meter Enhanced Cat-6 patch cord	No.	680/-	120	81600/- ✓
	b) 2 meter Enhanced Cat-6 patch cord	Set	38000/-	5	190000/- ✓
9	Supply, installation 24 port patch panel, and Ethernet switches, floor mounting type 27U Racks, including Patch cords and patch drop cords complete as per per site IT Engineer instruction in all respects.	Set			

[Handwritten Signature]
 PROJECT DIRECTOR
 HEALTH, DHQ & DISTRICT HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of LHO Hospital at Umerkot
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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30	Supply, connecting, testing and tagging/ labeling Data/Voice Nodes and providing Fluke Test at 400Mhz (DSP-4000) as required for Client / consultant witness (Two set of test result to be submitted for getting approval) complete in all respect.	Job	50000/-	5	2500000/- ✓
31	Supply, installation, connecting, testing and commissioning of Telephone TJB having 20 Pair Tag Block as per drawing with all respects.	No.	25000/-	1	25000/- ✓
32	Supply, installation, connecting, testing and commissioning of PABX suitable for 8 line & 60 extension, Panasonic make or approved equivalent.	Set	260000/-	1	260000/- ✓
VI- Fire Alarm System:					
33	Supply and installation of 1" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft.	150/-	1,900	285000/- ✓
34	Supply, installation, connecting, testing and commissioning of 1.5 Sq.mm twisted PVC shielded cable as required for Fire Alarm wiring	Rft.	90/-	3,000	270000/- ✓
35	Supply, installation, connecting, testing and commissioning of following Fire Alarm accessories, suitable for intelligent system, Honeywell or approved equivalent, a) F.A. smoke or optical detector b) F.A. bell 4" dia c) F.A. break glass switch	No	7200/-	66	475200/- ✓
		No	2500/-	7	17500/- ✓
		No	7500/-	7	52500/- ✓
36	Supply, installation, connecting, testing and commissioning of Addressable Intelegent Fire Alarm Control Panel (FACP) 6- Zone, consisting with battery backup, Honeywell or equivalent, complet with all respects.	Set	1475000/-	1	1475000/- ✓

PROJECT DIRECTOR
 REHAB. DIV. & HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.1: Hospital building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QT	AMOUNT
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VII- Public Adress system:

37	Supply and installation of 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft.	100/-	900	90000/- ✓
38	Supply, connecting, testing & commissioning of 1.5 sq.mm twisted PVC shielded cable suitable for sound system in already installed conduit, complete as per specification and drawing.	Rft.	200/-	1,000	200000/- ✓
39	Supply, installation, connecting, testing & commissioning of Micro-phone outlet Clipsal make or approved equivalent. Complete in all respects.	No	2500/-	8	20000/- ✓
40	Supply, connecting, testing & commissioning of surface mounting 8" dia Speaker having cylindrical shapes 5W operating voltage 12V suitable for P.A. system, TOA make or approved equivalent, complete in all respects.	No.	4500/-	16	72000/- ✓
41	Supply, installation, connecting, testing & commissioning of 250 W Power Amplifier equipment suitable for sound/ Announcement, complete as per client requirement, including providing Hand held cordless microphone receiver CD Player, Rack of the equipment etc., The system should be Philips or TOA make, complete in all respects with satisfaction of Client representative / consultant.	Set	175000/-		

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM

3,910

22,328

1,012,030

This Amount shall be carried over to sub-summary of Ele



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORKS - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 core copper conductor 300/500 volts size 10 mm ² Schedule item no.101 page 12.	Per Meter	742.00	91	66,780
2	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 core copper conductor 600/1000 volts size 16 mm ² Schedule item no.102 page 12.	Per Meter	1,300.00	105	136,500
3	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 124 page no.15.	Per Point	797.00	458	365,026
4	Wiring for plug point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15.	Per Point	985.00	54	53,190
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33.	Per No	151.00	54	8,154
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33.	Per No	162.00	31	5,022
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33.	Per No	72.00	120	8,640
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34.	Per No	3,020.00	24	72,480
10	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34.	Per No	3,185.00	86	273,910
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34.	Per No	2,791.00	8	22,328
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					1,012,030

This Amount is carried over to sub-summary of Electrical Work (Hospital)

[Signature]
 PROJECT DIRECTOR
 REHAB-DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor.

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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I-Wiring & Accessories.

3 Same as above item No.1 but wiring with 2x 4sq.mmsingle cor. + ECC as required for O.T. light point, complete as per specification and drawing.

Point 4600/- 5 23000/- ✓

4 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.

Point 3200/- 49 156800/- ✓

5 Wiring of light and fan point from point to switch with 1.5 sq.mm single core PVC insulated copper conductor wire in 3/4" dia PVC conduit, including all wiring accessories such as bend, socket, reducer, JBs etc., recessed in the wall, column, roof including ECC single core (Green) wire, complete as per specification and drawing.

Point 1450/- 458 206,100/4 664,100/- ✓

7 Same as above item 5 but wiring for Two way light point with 1.5sq.mm single core PVC insulated, complete as per specifications and drawing.

Point 2500/- 3 7500/- ✓

10 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point 4600/- 80 368000/- ✓

11 Same as above item No.10 but power plug outlet to outlet, complete as per specifications and drawing.

Point 3800/- 92 349600/- ✓

PROJECT DIRECTOR
REHABILITATION HOSPITALS
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NO SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Q	Y	AMOUNT
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13 Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JB's, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point 7000/- 21 147000/- ✓

14 Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.

a) 1 Gang switch

No. 150/- 35 5250/- ✓

b) 2 Gang switch

No. 250/- 47 11750/- ✓

c) 3 Gang switch

No. 325/- 43 13975/- ✓

d) 4 Gang switch

No. 450/- 23 10350/- ✓

f) Ceiling Fan Dimmer 400W

No. 850/- 118 100300/- ✓

15 Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet

No. 525/- 64 33600/- ✓

b) 13 Amps 3-pin (Duplex) outlet

No. 1250/- 31 38750/- ✓

c) 16 Amps International switch & socket

No. 525/- 190 99750/- ✓

d) 16 Amps Souko switch & socket

No. 525/- 16 8400/- ✓

e) 25 Amps disconnect Isolator switch for AC unit

No. 2500/- 21 52500/- ✓

PROJECT DIRECTOR
 REHAB: DHQ & HQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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II- Fixtures:

16	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.	No.	3000/-	18	54000/- ✓
18	Supply, installation, connecting, testing and commissioning of following surface mounting fluorescent light fixture with TLD white day light lamp, including starter, electro magnetic ballast & capacitor as Philips or approved Pierlite.				
	c) Plastic diffuser 1x36W Philips GMP-015/136 or Pierlite PBWC-135	No.	2500/-	203	507500/- ✓
	e) High performance luminaire with M2 reflector 1x36W Philips TCS/136 or Pierlite PT136S-M1	No.	2500/-	33	82500/- ✓
	f) High performance luminaire with M2 reflector 2x36W Philips TCS/236 or Pierlite PT236S-M1	No.	3000/-	29	87000/- ✓
	g) Mirror Light Fixture with 18W Fluorescent lamp	No.	2000/-	10	20000/- ✓
19	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No.	1800/-	8	14400/- ✓
20	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 2x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No.	3200/-	125	400000/- ✓
22	Supply, installation, connecting, testing & commissioning of ceiling suspended double sided 10W Exist / Sign light having M.S. sheet powder coated Pierlite ST10NMO or approved by the Architect	No.	4500/-	5	22500/- ✓

PROJECT DIRECTOR
 HEALTH, DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Unserkot
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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23 Supply, installation, connecting, testing & commissioning of Insect Killer pendent mounting with 2x20W ultra violet lamp Pierite type IK22D(Khind) or approved by the Architect.

No.

6000/-

14

84000/- ✓

III- Distribution board, power cable, Pipes & Earthing

24 Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per specifications and drawing

I.C.U. Wards

a) LDB-2F

Set

29000/- 1 29000/- ✓

b) PDB-2F

Set

45000/- 1 45000/- ✓

O.T.

a) LDB-1F

Set

25000/- 1 25000/- ✓

b) PDB-1F

Set

90000/- 1 90000/- ✓

c) DB-OT-1 & DB-OT-2

Set

25000/- 2 50000/- ✓

Gy. O.T.

a) LDB-3F

Set

25000/- 1 25000/- ✓

b) PDB-3F

Set

45000/- 1 45000/- ✓

c) ACDB-3F

Set

29500/- 1 29500/- ✓

d) LDB-5F

Set

30000/- 1 30000/- ✓

Wards

a) LDB-4F

Set

30000/- 1 30000/- ✓

b) PDB-4F

Set

48000/- 1 48000/- ✓

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 PROJECT MANAGER
 HITECH CONSTRUCTORS
 PAFKOT, KARACHI



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital, to the level of DHQ Hospital at Umerkot
 Head # 1.3.2: Hospital Building - Electrical Works, - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Supply and installation of following sizes PVC conduit surface/ recessed in wall, beam etc., including all installation accessories as required for power cabling, complete as per specification and drawing. a) 1-1/2" dia PVC conduit	Rft	90/-	120	10800/-
Supply & installation of galvanized perforated enclosed with openable cover 12"x4" cable trunking, including installation brackets and all installation accessories and material, complete as per specification and drawing.	Rft	200/-	60	12000/-
IV- Nurs Call system system: Supply and installation of 3/4" dia PVC conduit to be installed recessed /surface of wall, beam ceiling, column etc., as shown on drawing, complete with all respects.	Rft	150/-	1,400	21000/-
Supply, connecting, testing & commissioning of 1 sq.mm 4-core PVC shielded cable suitable for nurse call system in already installed conduit, complete as per specification and drawing.	Rft	200/-	6,900	138000/-
Supply, connecting, testing & commissioning of following accessories of nurse call system, complete in all respects. a) Pressure/ Nurs call button	No.	1000/-	87	87000/-
b) Door indicator panel for 10 zone	No.	5000/-	4	20000/-
Supply, installation, connecting, testing C-TEC Nursecall 800 suitable for 20 zone indicator panel with buzzer, complete in all respects.	Set	30000/-	6	180000/-
V- Communication System: Supply and installation of 1" or 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft	90/-	1,350	121500/-

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 PROJECT DIRECTOR
 REHAB-DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of OHQ Hospital at Umerkot
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
-----	-------------	------	------	-----	--------

33 Supply and installation of structure cable as required for High-Speed Data network station CAT-6 PVC shielded cable in already installed Trunking/ conduit/ Channel. The CAT-6 cable should be 3M or Clipsal make Australian, complete in all respect with satisfaction of the Client Consultant.

Rft 90/- 3,600 324,000/- ✓

34 Supply, installation, connecting, testing and commissioning of Duplex Data / Voice outlet RJ45 suitable for Cat-6 with fancy gang plate, Clipsal C-Vivace series make or 3M, including sheet steel back box, complete in all respects.

No. 148/- 41 59,450/- ✓

35 Supply, installation, connecting and testing of following Enhanced Cat-6 Patch Cords

No. 480/- 72 34,560/- ✓

a) 1 meter Enhanced Cat-6 patch cord

No. 680/- 72 48,960/- ✓

b) 2 meter Enhanced Cat-6 patch cord

36 Installation of Owner supplied 2 Nos. 16 port patch panel, and Ethernet switches, mounting in floor mounting type 27U Racks, including Patch cords and patch drop cords complete as per per site IT Engineer instruction with all respects.

Set 38000/- 3 114,000/- ✓

37 Supply, connecting, testing and tagging/ labeling Data/Voice Nodes and providing Fluke Test at 400Mhz (DSP-4000) as required for Client / consultant witness (Two set of test result to be submitted for getting approval) complete in all respect.

Job 50,000/- 3 1,50,000/- ✓

VI- Fire Alarm System:

40 Supply and installation of 1" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.

Rft. 150/- 1,300 19,500/- ✓

41 Supply, installation, connecting, testing and commissioning of 1.5 Sq.mm twisted PVC shielded cable as required for Fire Alarm wiring.

Rft. 90/- 1,700 15,300/- ✓

PROJECT DIRECTOR
 PIR-MEDICAL AND HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Mirpurkot
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORKS - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
42	Supply, installation, connecting, testing and commissioning of following Fire Alarm accessories, suitable for intelligent system. Honeywell or approved equivalent, a) F.A. smoke or optical detector	No	7200/-	52	374400/- ✓
	b) F.A. bell 4" dia	No	2500/-	7	17500/- ✓
	c) F.A. break glass switch	No	7500/-	7	52500/- ✓
VI]- Public Address system:					
44	Supply and installation of 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects	Rft.	100/-	700	70000/- ✓
45	Supply, connecting, testing & commissioning of 1.5 sq.mm twisted PVC shielded cable suitable for sound system in already installed conduit, complete as per specification and drawing	Rft.	200/-	900	180000/- ✓
46	Supply, installation, connecting, testing & commissioning of Micro-phone outlet Clipsal make or approved equivalent. Complete in all respects.	No	2500/-	1	2500/- ✓
47	Supply, connecting, testing & commissioning of surface mounting 8" dia Speaker having cylindrical shapes 5W operating voltage 12V suitable for P.A. system, TOA make or approved equivalent, complete in all respects.	No.	4500/-	12	54000/- ✓

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM = 7,20,195/- ✓

* This Amount shall be carried over to sub-summary of Electrical Work (Hospital)



PROJECT DIRECTOR
 HOSPITAL



RESIDENTIAL ACCOMMODATION



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT

SUMMARY OF RESIDENTIAL ACCOMMODATION

S. No.	Particular	Bill of Quantities		Total Amount
		Quantity	Amount	
1	Cost of Civil Works	1026992.74	=96,181,057/4	
2	Cost of Plumbing Works	7343469	=6,623,613/0	
3	Cost of Electrical Works	5520125	=5,520,123/0	
Total Amount of Residential Accommodation				*** 115562868



108,324,793/-



Note : *** This amount shall be carried over to Grand Summary

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT

SUB-SUMMARY OF CIVIL WORKS (ACCOMMODATION)

S. No.	Particular	Doctor Flats		Paramedics Flats		Lower Staff Flats		Total Approval	
		Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items		
2.1.1	Foundation Plinth	8,710,509/-	7,82,500/-	6,484,369/-	3,82,500/-	2,252,007/-	1,38,000/-		
2.1.2	Ground Floor	7,547,868/-	6,32,330/-	6,756,041/-	4,40,167/-	2,463,390/-	1,89,709/-		
2.1.3	First Floor	6,287,468/-	3,18,217/-	6,753,310/-	2,65,722/-	2,482,033/-	2,70,709/-		
2.1.4	Second Floor	8,546,800/-	2,13,657/-	7,735,528/-	1,46,307/-	5,022,204/-	1,13,822/-		
	Amount of Schedule Items	32,209,726/-	11,72,030/-	27,729,205/-	8,56,214/-	10,221,434/-	52,52,205/-		
	10% above	8,22,007/-		2,77,926/-		1,02,21,494/-			
	Amount of Schedule & Non-Schedule Items	35,420,801/-	11,72,030/-	30,507,811/-	8,56,214/-	11,24,357,811/-	52,52,205/-		
	Total Amount of Schedule & Non-Schedule Items	47,141,359/-		39,082,398/-		16,495,782/-			
		Total Amount of Civil Works							
		= 1,17,29,550/-							

Note : * * This amount shall be carried over to Summary of Accommodation

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CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	9,000	5,807	5,164	3,906	2,180	1,649
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil (Page No.4, Item No.18-b)	%0Cft	3,176.25	33,232	105,553	24,272	77,094	11,050	35,098
3	Termite Proofing 3.1 Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlor 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer incharge (Page No.109 Item No.91)	Per Rft	40.10	400	16,040	440	17,644	200	8,020
3.2	Providing Anti-termite by Neptachlor 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc, complete as per directions of Engineer incharge (Page No.109 Item No.92)	Per Sft	9.74	7,830	76,264	5,164	50,297	2,200	21,428

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
4	Back Filling Surplus Earth								
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No. 4, Item No. 21)	%OCft	1,512.50	19,533	29,544	13,750	20,797	5,000	7,563
5	Earth Filling outside Earth								
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%OCft	3,630.00	18,817	68,306	12,830	46,573	4,117	14,945
5.2	Extra for every 50 ft. lead or part thereof for earth work (soil, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8/b)	%OCft	1,814.04	18,817	34,135	12,830	23,274	4,117	7,463
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	3,005	80,654	5,324	142,896	913	24,505
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Cft	9,416.28	3,591	33,813	2,472	232,770	1,082	101,884

[Signature]
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Merkot
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

S.#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

5 REINFORCED CEMENT CONCRETE

Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for binding and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuffling curing rendering and finishing the exposed surface (including screening and washing of shingle)

a) R.C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.

Note:

Use S.R. cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.

6.1 (1) Ratio (1:2:4) 90 Lbs. Cement:2 Cft.

Sand 4 Cft. Shingle X' to 1/4" gauge.

[Page No. 16, Item No. 6(a)]

a) Foundation / Raft

b) Plinth beam

Per Cft	337.00	9,747	3,284,739	6,473	2,181,401	2,135	719,495
Per Cft	337.00	2,110	711,070	1,348	453,602	562	189,304

6.2 (1) Ratio (1:1:1/2:3)

[Page No. 16, Item No. 6(b)]

Columns upto plinth level

Note:

Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.

Per Cft	349.00	797	278,153	735	256,515	263	91,787
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 PROJECT DIRECTOR
 RESEARCH & HQ HOSPITALS,
 SINDH



CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

- 9 Steel Reinforcement
 Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)
- b) TOR Steel
 (Page No. 17, Item No. B-b)
- | | | | | | | | | | |
|----|---|------|-----------|-----|-----------|-----|-----------|-----|---------|
| 10 | Pucca Brick Work in Foundation
Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6)
(Page No. 20, Item No. 4-i (e))
Note:
Use S.R cement for work upto plinth level.
Difference in cost for using S.R cement will be paid separately. | Cwt | 5,001.70 | 574 | 2,870,976 | 400 | 2,000,680 | 145 | 725,247 |
| 11 | Plain Cement Concrete
Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:5.
(Page No. 15 Item No. 5-h)
Situ
Note:
Use S.R cement for work upto plinth level.
Difference in cost for using S.R cement will be paid separately. | %Cft | 11,948.36 | 65 | 7,766 | 860 | 102,756 | 512 | 61,772 |
| | | %Cft | 12,595.00 | 862 | 108,569 | | | | |



PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of DHQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) (Page No. 16 Item No. 19-B-II)	% Sft	3,127.41	2,130	66,614				
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture (Page No. 19, Item No. 28/b) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	% Sft	3,912.85	1,005	39,324	573	26,333	281	10,995
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface (Page No. 71, Item No. 5)	% Sft	778.09	19,209	149,463	12,361	95,180	6,640	51,665
15	FLOORING 15.1 Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	% Ch	2,684.00	3,300	88,572	5,324	142,896	650	17,446
15.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 (Page No. 16, Item No. 5-h) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	% Cft	12,595.00	2,110	265,755	4,275	538,562	1,360	171,292

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PROJECT DIRECTOR
 PEHAE, DHQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of OHQ Hospital at Umerkot
 Sub Head # 2.1.1 Residential Accommodation - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
15.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge (Page No.38, Item # 38).	P Sft	10.70	8,610	92,127	6,560	70,192	2,021	31,755
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					8,719,569		6,484,369		2,292,907

* This Amount is carried over to sub-summary of Civil Work (Accommodation)



R
 PROJECT DIRECTOR
 RENOVATION OF THQ HOSPITAL,
 SINDH

Name of Project: Upgradation of THO Hospital to the level of DHO Hospital at Umerkot
Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P Bag	25/-	3,130	78,250/-	1,530	38,250/-	552	13,800/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					78,250/-		38,250/-		13,800/-

* This Amount shall be carried over to sub-summary of Civil Work (Accommodation)




CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and stirrups will be paid separately. This rate includes kind of forms, moulds; lifting, concreting and finishing the work including screening and washing.	Per Cft	337.00	2,312	778,144	1,346	453,602	638	215,006
4.1	Cement (a) 7/8" dia. (Page No. 52, Item No. 11-a)	%Sft	337.00	3,500	1,179,500	2,785	938,545	1,009	340,033
			337.00	75	25,275	70	23,590	98	32,352
			337.00	10	3,370	10	3,370	10	3,370
4.2	Cement Sand Plaster 1.4 upto 1.4" (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	317.939	911	317,939	780	272,220	390	136,116
4.3	Cement Sand Plaster 1.4 upto 12" height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.70						



PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umankot
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)	Cwt	5,001.70	220	1,100,374	220	1,100,374	100	500,170
	b) TOR Steel (Page No. 17, Item No. 8-b)								
3	Pucca Brick Work in Super Structure 3.1 Pucca brick work in ground floor in Cement Sand Mortar (1:6) (Page No. 21, Item No. 5-(e)) a) 9 inch thick wall b) 4-1/2 thick wall	%Ct %Ch	12,674.36 12,674.36	6,300 50	798,485 6,337	2,567 70	325,351 8,872	1,821 50	230,800 6,337
	3.2 Providing and fixing ornamental cement jali 2" thick (1:2.4) without steel (Page No. 18, Item No. 11)	Per Sft	226.02	504	113,914	504	113,914	60	13,561
4	PLASTERING 4.1 Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a) 4.2 Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b) 4.3 Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft %Sft %Sft	2,197.52 3,015.76 3,015.76	7,300 15,934 400	160,419 510,689 1,206,304	4,017 31,027 400	88,274 935,700 1,206,304	1,372 3,915 400	30,150 118,067 1,206,304



[Signature]
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	Qty	AMOUNT

5 FLOORING

5.1 Glazed Tile Floor / Dado

Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile

(Page No.47, Item No 60)

a) Flooring

%Sft	30,509.77	372	113,498	315	96,106	113	34,476
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b) Dado

%Sft	30,509.77	1,590	485,105	1,323	403,644	544	165,973
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5.2 Marble Tile Skirting

Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work)

(Page No. 49, Item No. 68-i)

Per Sft	186.04	155	28,838	90	16,744	70	13,023
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5.3 2" thick C.C Floor

Providing and laying 2" thick topping cement concrete (1:2.4) including surface finishing and dividing into panels

(Page No.42, Item No. 16-c)

a) for open to sky

%Sft	3,275.50	838	27,449
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MD. T. H. KHAN
 MANAGING DIRECTOR
 HOSPITALS,
 SINDH

Ministry of Health, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 2.1.2 Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

6 DOORS / WINDOWS

6.1 Aluminium Sliding Windows

Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze)
 (Page No. 108, Item No. 85-b)

Per Sft	1,449.69	544	788,631	350	507,392	200	289,938
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6.2 Aluminium Sheet

Providing and fixing Aluminium sheet on door pasted with glue as per requirement.
 (Page No. 66, Item No. 61)

Per Sft	63.77	40	2,551	63	4,018	20	1,275
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6.3 G.I Door Frame

Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:0 ratio and repairing the joints. The cost also l/c all carriage, tools and plants used in making and fixing.
 (Page No. 93, Item No. 29)

Per Rft	228.90	660	151,074	588	134,135	214	48,985
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6.4 Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.)
 (Page No. 64, Item No. 46)

Per Sft	163.90	544	89,152	350	57,365	200	32,780
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 PROJECT DIRECTOR
 REHAB:DHQ & HQ HOSPITALS
 SINDH



Health Department, Government of Sindh
 Name of Client: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Name of Project: Residential Accommodation - Civil Works - Ground Floor
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	Qty	AMOUNT

6.5 **Wooden Beading to Door**
 Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge.
 (Page No.56 Item No.60)
 Per Rit 49.97 1,320 65,950 1,172 58,565 430 21,487

6.6 **Door Lock**
 Providing and fixing approved quality rim lock adjustable, over the style surface.
 (Page No.60 Item No.20)
 Each 408.14 32 13,060 20 8,163 20 8,163

6.7 **Iron Grill to Windows**
 Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron plate of 1/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c, painting 3 coats with 1st coat of red oxide paint etc.
 (Page No. 54, Item No.30)
 Per Sit 194.16 544 105,623 350 67,956 200 38,832

7 **PAINTING WORKS**
 7.1 **Distemper**
 Preparing surface and painting with distemper paint three coats.
 (Page No.54, Item No 24-c).
 %Sft 1,079.65 7,300 78,814 4,017 43,370 1,372 14,813

[Signature]
 PROJECT DIRECTOR
 REHABILITATION OF THQ HOSPITALS
 SINDH



CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	Qty	AMOUNT
7.2	<p>Matt Finish Paint Preparing the surface and painting with Matt finish paint 1/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat) (Page No 55, item No 36-A + B + B);</p>	%SR	3,444.38	16,934	583,271	31,027	1,059,688	3,915	134,847
7.3	<p>Weather Coat Preparing the surface and painting with weather coat 1/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No 56 item No 38-A + B + B);</p>	%Sft	2,567.95					400	10,272
7.4	<p>Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No 73, item No 31-A + B + B)</p>	%Sft	1,449.14	1,340	19,418	1,800	26,085	725	10,506
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					7,547,898		6,756,041		2,463,390

* This Amount is carried over to sub-summary of Civil Work (Accommodation)



PROJECT DIRECTOR
 HARBORDRY & HQ HOSPITALS
 SINDH

CIVIL WORK - NON-STRUCTURAL ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 Providing and laying first class Gutka Brick (9"x2-1/4"x2-1/4") in cladding set and jointed in 1:4 cement sand mortar and laid over a base of 3/4" thick cement sand plaster 1:3 including pointing of gutka bricks with pigmented cement in 1:4 cement sand mortar also including fastening arrangements galvanised tie bars, curing etc. complete in all respect as per drawings and instructions of the Engineer Incharge (cost of base plaster, fasteners and pointing included), on External Elevations at any level and any height

2 Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor

P.Sft. 70/- 700 49000/- 771 53970/- 3,040 2 1/2 800/-

[Handwritten Signature]
2019



Name of Client: Health (Sindh) Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umrskot
 Sub Head # 2.1.2: Residential/Accommodation - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

3	Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in dry floor. a) size 16" x 16" on floor b) size 20" x 20" on floor c) 4" high skirting	P. Sft	195/-	5,645	1100775/-	4,100	799500/-	1,442	281190/-
		P. Sft	200/-	771	173475/-	452	104700/-	244	54900/-
		P. Sft	225/-						
4	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment with finishing, cleaning etc. complete in any floor.	P. Sft	425/-	310	131750/-	160	68000/-	160	68000/-
					1455000		102370		616890



[Signature]
 PROJECT DIRECTOR
 KHAD:DHQ & THQ HOSPITALS
 SINDH

Ministry of Health, Government of Sindh
The Station of HQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULED ITEMS

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

5 Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down part on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1.4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front part with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P Sit

1000/-

170

170000/-

103

103000/-

45

45000/-

6 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide allround 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P Sit

1400/-

700

280000/-

603

844200/-

232

324800/-

HITECH CONSTRUCTORS
HITECH CONSTRUCTORS
HITECH CONSTRUCTORS

Signature: [Handwritten Signature]

1905000

1367370

754690

PROJECT DIRECTOR
REHAB. DHQ & HQ HOSPITALS,
SINDH

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
7	Supplying and fixing in position Aluminium channel framing for openable (hinged) windows of Alcop made with 5 mm thick tinted glass (Belgium) and Aluminium fly screen including handles, stoppers and Locking arrangement, etc. complete as per drawing, specification and as directed by Engineer incharge. Delux model (Bronze), in any floor.	P Sft	650/-	1,170	760500/-	1,170	760500/-	1,170	760500/-
8	Providing and fixing approved quality Bath Latch.	Each	500/-	8	4000/-	8	4000/-	4	2000/-
9	Providing and fixing hydraulic door closer (Raybbi of approved design No.5502 Japan Make (or approved equivalent) as per direction of Engineer incharge.	Each	5200/-	8	41600/-	4	20800/-	2	10400/-
10	Providing and fixing 14" wide bump rail comprising 12"x12" printed ceramics tile(Hala Pattern) of approval quality and make with polished shesham wood beading 1-1/2"x3/4" section at top and bottom fixed on wall with rawal plug (expansion shield) and counter sunk screws etc complete in all respect as per drawing and direction of Engineer in any floor.	P. Rft	850/-	3,942	3350700/-	2,400	2040000/-		1527590
					6061800		4192670		



PROJECT DIRECTOR
RESEARCH AND HQ HOSPITALS
SLUDH

Name of Client: Health Department, Government of Sindh.
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot.
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
11	Providing, fabricating and fixing G.I. pipe staircase railing as per design: composing polished Shesham wood handrail, 3/4" m.s. square bar balustris (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor. a) Floor mounted b) Wall mounted	P. Rtl	900/-	25	22500/-	25	22500/-		27000/-
		P. Rtl	700/-	170	119000/-	200	140000/-	375	262500/-
12	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc. complete in all respect as shown on the drawings and as directed by the Engineer. Incharge.	P. Slt	100/-	1200	120000/-	465	46500/-	76	76000/-
13	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Slt	175/-						
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					6323300/-		4401670/-		1893090/-

* This Amount shall be carried over to sub-summary of Civil Work (Accommodation)

[Signature]
 PROJECT DIRECTOR
 REHABILITATION & UPGRADE HOSPITALS
 SINDH



CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 REINFORCED CEMENT CONCRETE

Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle).

(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast/laid in position complete in all respects

1.1 (i) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 3/4" gauge
 [Page No. 15, Item No. 6(a)]

e) Beams / Lintels

b) Slab / Projections

c) Staircase

d) Window Sill

1.2 (ii) Ratio (1:1-1/2:3)

[Page No. 15, Item No. 6(a)]
 Columns above plinth level

Per Cft	357.00	2,312	799,144	1,519	453,602	638	215,006
Per Cft	337.00	3,500	1,179,500	2,783	937,571	1,009	340,033
Per Cft	337.00	80	25,960	80	25,960	96	32,352
Per Cft	337.00	10	3,370	10	3,370	10	3,370
Per Cft	349.00	911	317,639	780	272,220	390	136,110



PROJECT DIRECTOR
 AERAS, DHQ & THQ HOSPITALS
 SINDH

S.#	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)								
	(b) TOR Steel (Page No. 17, Item No. 9-b)	Cwt	5,001.70	220	1,100,374	220	1,100,374	100	500,170
3	Pucca Brick Work in Super Structure								
3.1	Pucca brick work in first floor in Cement Sand Mortar (1:6) (Page No. 21, Item No. 5-(e)) + (Page No. 22, Item No. 5(a)) a) 9 inch thick wall b) 4-12 thick wall	%Cft	13,112.99	6,300	827,118	2,667	336,610	1,821	239,780
		%Cft	13,112.99	50	6,556	50	6,556	50	6,556
3.2	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel (Page No. 18, Item No. 11)	Per Sft	226.02	504	113,914	50	113,914	60	13,561
4	PLASTERING								
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 1/2" thick (Ceiling) (Page No. 52, Item No. 11-e) + (Page No. 54, Item No. 29)	%Sft	2,338.49	7,300	170,710	4,017	93,937	1,372	32,064
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b) + (Page No. 54, Item No. 29)	%Sft	3,158.73	16,834	534,551	31,027	979,439	3,915	123,586



PROJECT DIRECTOR
 PEARL PHO & PHO HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4.3 Cement Sand Plaster 1:4 upto 12' height
 (c) 3/4" thick (external face)
 (Page No. 52, Item No. 11-c) +
 (Page No. 54, Item No. 29)

%Sft 5,166.73 400 12,627

5 FLOORING

5.1 Glazed Tile Floor / Dado

Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile

(Page No. 47, Item No. 60) +
 (Page No. 42, Item No. 18)

a) Flooring

%Sft 30,736.65 372 1,14,340 515 96,020 113 34,732

b) Dado

%Sft 30,736.65 1,550 489,715 1,323 406,646 544 167,207

5.2 Marble Tile Skirting

Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 6" x 4" / 6" x 4" in dado skirting and facing, removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3, setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete.

(Page No. 49, Item No. 68-i) +
 (Page No. 42, Item No. 18)

Per Sft 432.92 125 51,615 45 18,581 45 18,581



ELUMINATION ACCOMMODATION

PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
5	DOORS / WINDOWS								
6.1	Aluminium Sliding Windows Supplying and fixing in position. Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,443.69	544	788,631	350	507,302	200	289,608
6.2	Aluminium Sheet Providing and fixing Aluminium sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	40	2,551	163	4,018	20	1,275
6.3	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repainting the jambs. The cost also i/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	660	151,074	586	134,135	214	48,985
6.4	Glazing with glass panes (24 oz to 25 oz) using putty and deodar wooden 1st class filets (in fan light etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	544	89,162	350	57,365	200	32,780

PROJECT DIRECTOR
 REHABILITATION & HOSPITALS
 SINDH



CIVIL WORK - (CSR-20)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
6.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No 55 Item No 60)	Per Rft	49.97	1,320	55,960	1,172	58,565	430	21,487
6.6	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No 20)	Each	408.14	28	11,428	20	8,163	8	3,255
7	PAINTING WORKS								
7.1	Distemper Preparing surface and painting with distemper paint three coats (Page No 54, item No 24 c)	%Sft	1,079.65	7,300	78,814	4,017	43,370	1,372	14,813
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint 1/3 rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zinc/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc complete on New surface. (including 2nd & subsequent coat). (Page No 55, item No 36-A + B + E)	%Sft	3,444.38	1,934	66,514	31,027	1,060,668	3,915	134,847



CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
7.3	Weather Coat Preparing the surface and painting with weather coat etc rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95						
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	1,340	19,418	1,706	24,722	400	10,272
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					6,987,468		6,753,318		2,442,933

* This Amount is carried over to sub-summary of Civil Work (Accommodation)

[Signature]
 PROJECT DIRECTOR
 PHILIPPO-CO-CONSTRUCTORS
 Sindh



Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Market
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings. Specifications and as directed by the Engineer. Incharge (on external elevation) at any height any floor.

P.Sit 70/- 700 49000/- 771 53970/- 3,040 2,12,800/-

2 Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor
 a) size 16" x 16" on floor

P.Sit 195/- 5,645 1,10,075/- 4,100 7,99,500/- 1,442 2,81,190/-
 P.Sit 200/- 771 1,54,200/-
 P.Sit 250/- 452 1,13,000/- 241 61,000/-

b) size 20" x 20" on floor
 c) 4" High skirting.

3 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement with nosing of full cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P.Sit 425/- 250 1,06,250/- 150 63,000/- 136 57,800/-

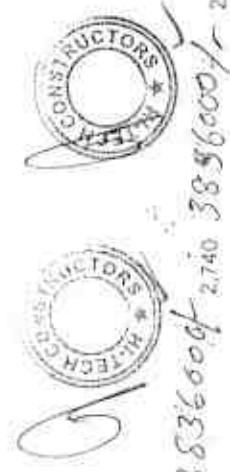


PROJECT DIRECTOR
 RESID. THQ & DHQ HOSPITALS,
 SINDH

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
4	Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down part on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1.4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front part with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.								
	a) For Vanity wash basin / pantry	P. Sl	1800/-	170	170000/-	103	103000/-	45	45000/-
	b) For Reception / Nurse Station	P. Sl							

5. Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying salignum coating (Timberlon or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.



P. Sl 1400/- 2,740 383600/- 2,740 385600/- 2,740 388600/- 2,740

[Signature]
 PROJECT DIRECTOR
 RCHADPHQ & HQ HOSPITALS
 SINGH



CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

6. Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide allround 6 inches wide lock rail and 2nd class deodar wood solid core, also including the cost of providing and fixing approved lead lining arrangements (as per standard requirement for X-Ray room), including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberon or equivalent), and tower bolts, etc complete in all respect in any floor.
7. Providing and fixing approved quality Bath Latch.
8. Providing and fixing hydraulic door closer (Rayobi of approved design No.5032 Japan Make (or approved equivalent) as per direction of Engineer Incharge.



1450/-

1015000/-

336400/-

336400/-

500/-

4000/-

4000/-

4000/-

5200/-

20800/-

20800/-

10400/-

[Handwritten Signature]

PROJECT DIRECTOR
SUNIL DHQ & HQ HOSPITALS
SINGH



Name of Project: Upgrade of THQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 2.1.3 Residential Accommodation - Civil Works - First Floor

CIVIL WORKS - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balusters (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor.	P. Rft	900/-	64	57600/-	64	57600/-	80	72000/-
	a) Floor mounted								
	b) Wall mounted	P. Rft	700/-	100	70000/-	100	70000/-	375	262500/-
10	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	175/-						

Only Rate required

Only Rate required

Only Rate required

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM 3182175/- 2657224/- 270990/-

* This Amount shall be carried over to sub-summary of Civil Work (Accommodation)



PROJECT DIRECTOR
HEALTH, DRUG & THQ HOSPITALS
SUNDER



CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 REINFORCED CEMENT CONCRETE

Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screeding and washing of shingle)

(a) R. C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.
 1.1 (i) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 1/4" gauge
 [Page No. 16, Item No. 6(a)] +
 [Page No. 17, Item No. 6(d)]
 a) Beams / Lintels

Per Cft.	349.10	2,350	820,385	1,346	469,889	665	232,152
Per Cft.	349.10	3,548	1,238,607	2,783	971,546	1,074	372,402
Per Cft.	349.10	80	27,928	50	17,455	60	21,146
Per Cft.	349.10	10	3,491	10	3,491	10	3,491

1.2 (i) Ratio (1:1:1/2:3)
 [Page No. 16, Item No. 6(a)] +
 [Page No. 17, Item No. 6(d)]
 a) Columns

Per Cft.	361.10	1,000	361,100	1,100	397,210	480	173,328
Per Cft.	361.10	170	61,387	285	102,914	130	46,943
Per Cft.	361.10	200	72,220	350	126,385	130	46,943

b) Walls (OHT)

c) Base Slab (OHT)

[Signature]
 PROJECT DIRECTOR
 REHABILITATION OF HOSPITALS
 SLADDH

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)								
	(b) TOR Steel (Page No. 17, Item No. 8-b) + (Page No. 19, Item No. 29)	Cwt	5,152.95	280	1,442,826	225	1,159,414	125	644,119
3	Pucca Brick Work in Super Structure Pucca brick work in Second floor in Cement Sand Mortar (1:5) [Page No. 21, Item No. 5-(e)] + [Page No. 22, Item No. 5(b)] a) 9 inch thick wall b) 4-12 thick wall	%Cft	13,687.74	7,075	968,544	2,567	351,264	2,560	350,406
3.1	Providing and fixing ornamental cement jali 2" thick (1-2-4) without steel (Page No. 18, Item No. 11)	%Cft	13,687.74	50	6,844	50	6,844	50	6,844
4	PLASTERING								
4.1	Cement Sand Plaster 1.4 upto 12" height (a) 1/2" thick (Ceiling) (Page No. 52, Item No. 11-c) + (Page No. 54, Item No. 2b+29)	Per Sft	226.02	504	113,914	504	113,914	60	13,561
4.2	Cement Sand Plaster 1.4 upto 12" height (b) 3/4" thick (Internal walls) (Page No. 52, Item No. 11-b) + (Page No. 54, Item No. 2b+29)	%Sft	2,479.45	7,300	181,001	4,017	99,607	1,475	36,572
		%Sft	3,297.70	19,550	647,998	31,027	1,023,177	4,255	140,350



PROJECT DIRECTOR
 REHAB:DHQ / HQ HOSPITALS
 SINDH

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4.3 Cement Sand Plaster 1.4 upto 12' height
 (c) 3/4" thick (external face)
 (Page No. 52, Item No. 11-c) +
 (Page No. 54, Item No. 29+29)

%Sft 340 3,297.70 340 11,212 530 17,478

5 FLOORING

5.1 Glazed Tile Floor / Dado

Providing and laying tiles glazed 6" x 6" x 1/4" on floor and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile.

(Page No. 47, Item No. 60) +
 Page No. 42, Item No. 18+18)

a) Flooring

%Sft 372 30,963.53 372 1,15,184

b) Dado

%Sft 544 30,963.53 544 1,68,320

5.2 Marble Tile Skirting

Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 6" x 4" / 6" x 4" in dado skirting and facing, removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete

(Page No. 49, Item No. 68-1) +
 (Page No. 42, Item No. 18+18)

Per Sft 125 635.80 125 79,975

45 28,791 45 159,442



PROJECT DIRECTOR
REHAB:DHQ & HQ HOSPITALS,
SINDH

Residential Accommodation

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
5.3	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels (Page No 42, Item No. 16-c)	%Sft	3,275.50	170	5,568	260	8,516		
6	DOORS / WINDOWS								
6.1	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,448.69	544	788,531	350	507,492	200	289,938
	a) Windows								
6.2	Aluminium Sheet Providing and fixing Aluminium sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	40	2,551	63	4,018	20	1,275
6.3	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	238.90	660	151,074	588	134,135	214	48,985



PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH

S#	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
6.4	Glazing with glass panes (24 oz to 26 oz) using putty and decar wooden 1st class fillets (in fan light etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	544	89,162	350	57,365	200	32,780
6.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer. (Page No. 66 Item No. 60)	Per Rft	49.97	1,320	65,960	1,172	58,565	430	21,497
6.5	Door Lock Providing and fixing approved quality rim lock adjustable over the nylon surface. (Page No. 60 Item No. 21)	Each	408.14	32	13,060	20	8,163	8	3,265
7	PAINTING WORKS								
7.1	Distemper Preparing surface and painting with distemper paint three coats (Page No. 54, Item No. 24-f)	%Sft	1,079.65	7,300	79,814	4,111	43,370	1,475	15,925
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing block) filling the voids with zinc/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete on New surface (including 2nd & subsequent coat) (Page No. 55, Item No. 36-A + B + B)	%Sft	3,444.38	19,337	666,040	51,027	1,068,685	4,256	146,593

Engineering Department

PROJECT DIRECTOR
REHABILITATION OF HOSPITALS
SINDH



S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
7.3	Weather Coat Preparing the surface and painting with weather coat.lic rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No 56 Item No 38-A + B + B)	%Sft	2,567.95	1,900	27,534	1,706	24,722	400	10,272
7.4	Enamel/Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No. 73, Item No.31-A + B + B)	%Sft	1,449.14	1,900	27,534	1,706	24,722	400	10,272
8	Miscellaneous								
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No 27)	Each	524.95	8	4,200	8	4,200	4	2,100
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhopsa grouted with cement sand 1:3 on top of RCC slab provide with 34-Lbs. Bitumen coating sand plinided.	%Sft	5,310.35	7,707	409,209	7,767	409,269	2,059	109,267
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					8,946,800		7,735,528		3,022,204

* This Amount is carried over to sub-summary of Civil Work (Accommodation)



[Signature]
PROJECT DIRECTOR
REHABILITATION OF DHQ HOSPITALS
SINDEH

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc complete in all respect as per drawings, specifications and as directed by the Engineer incharge (on external elevation) at any height any floor.

70/- 2650 185500/- 771 53970/- 3070 242900/-

2 Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.

195/- 5845 1100775/- 4100 799500/- 1475 287625/-
 200/- P.Sit
 250/- 771 192500/- 457 113000/- 65000/-

[Signature]
 PROJECT DIRECTOR
 REHAB. DHO & IHC HOSPITALS
 SINDH



Health Department - Government of Sindh
 Upgrade of IHQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

3 Providing and making counters for following use comprising of 2" thick RCC slab, 2" wide with 7" down part on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1.4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front part with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Sit 1000/- 200 200000/- 103 103000/- 103 103000/-

4 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3-ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect in any floor.

5 Providing and fixing approved quality Bath Latch.

6 Providing and fixing hydraulic door closer (Raycobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.

Name of Client: Health Department, Government of Sindh

Handwritten notes and signatures with circular stamps: "H.C. CONSTRUCTORS" and "H.C. TECHNICIANS".

700 1400/- 8 4000/- 8 40000/- 4 20000/-
 603 84000/- 232 324800/-
 4 20800/- 4 20800/- 2 10400/-

PROJECT DIRECTOR
 REHAB:DHQ & IHQ HOSPITALS,
 SINDH

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
7	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Sheesham wood handrail, 3/4" m.s square bar balusters (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor.								
	a) Floor mounted	P. Rit	900/-	170	153000/-	64	576000/-	80	720000/-
	b) Wall mounted	P. Rit	700/-	-	-	100	70000/-	175	262500/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					(2136578/-)		1463070/-		1138225/-

* This Amount shall be carried over to sub-summary of Civil Work (Accommodation) = 2,136,825/-



PROJECT DIRECTOR
PROJECT DIR HQ HOSPITALS
SINHR



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT

SUB-SUMMARY OF PLUMBING WORKS (ACCOMMODATION)

S. No.	Particular	Doctor Flats		Paramedics Flats		Lower Staff Flats		Total Amount
		Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	
2.2.1	Ground Floor	499,595	362,600/-	499,595	418,100/-	232,000	177,000/-	
2.2.2	First Floor	539,150	362,100/-	539,150	418,850/-	230,374	176,600/-	
2.2.3	Second Floor	539,150	362,600/-	539,150	418,100/-	249,224	199,650/-	
	Amount of Schedule Items	1,577,895	1,087,300/-	1,577,895	1,252,050/-	719,604	552,250/-	
	Amount of Non-Schedule Items		543,650/-		62,603/-		27,600/-	
	Amount of Schedule & Non-Schedule Items	1,577,895	1,630,950/-	1,577,895	1,314,653/-	719,604	579,850/-	
	Total Amount of Schedule + Non-Schedule Items	1,577,895	1,630,950/-	1,577,895	1,314,653/-	719,604	579,850/-	6,734,300/-

Total Amount of Plumbing Works

Note: This amount shall be carried over to Summary of Accommodation



PROJECT DIRECTOR
UPGRADATION OF THQ HOSPITALS
SINDH

26/6/23 6/3/4

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w/c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4 (II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii) trap and plastic thumble.</p>	Each	6,165.60	4	24,666.40	4	24,666.40	2	12,333.20
2	<p>EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w/c pan complete with & 1/2 cost of white/black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & foilr for pipe connection & making good in cement concrete 1:2:4. (Page # 2 item # 4)</p>	Each	5,339.40	4	21,358.40	4	21,358.40	2	10,679.20
3	<p>WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & 1/2 the cost W/I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (Page No.3 item No.8,9)</p>	Each	4,253.70	8	34,030.40	8	34,030.40	4	17,015.20

PROJECT DIRECTOR
 REHAB.DHQ of THQ HOSPITALS
 SINDH



PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or colored glazed (Foreign or Equivalent) (Page # 3 Item # 11)	Each	2,533.47	8	20,268	8	20,268	4	10,134
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia. brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 5, Item # 20)	Each	447.15	33	14,756	33	14,756	16	7,154
6	STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c p bubbler plug chrome plated brass chain, 1-1/2" c p brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. Steel Sink stainless sized 40" x 20" standard Pattern. (Page # 6, Item # 19)	Each	5,052.30	4	20,209	4	20,209	2	10,105
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	20	33,432	20	33,432	6	10,029

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the karb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, item #1 (i))	Each	1,220.67	8	9,765	8	9,765	4	4,683
9	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	24	20,254	24	20,254	12	10,127
10	uPVC PIPE Providing & Laying uPVC pipes of class 'D' fixing in trench &c cutting, fitting and jointing with solvent cement &c testing with water to ahead of 122 meter or 400 ft.	Rft	12.00	450	5,400	450	5,400	70	840
	a) 1/2 inch dia (Page # 24, Item # 5a)	Rft	19.00	225	4,275	225	4,275	80	1,520
	b) 3/4 inch dia (Page # 24, Item # 5b)	Rft	27.00	100	2,700	100	2,700	50	1,350
	c) 1 inch dia (Page # 24, Item # 5c)	Rft	33.00	100	3,300	100	3,300	50	1,650
	d) 1-1/4 inch dia (Page # 24, Item # 5d)	Rft	43.00	50	2,150	50	2,150		
	e) 1-1/2 inch dia (Page # 24, Item # 5e)	Rft							
11	MUSLIM SHOWER Supplying and fixing C.P. Muslim Shower with double Bib cock & ring Pipe etc. complete (Page # 19, Item # 19-A)	Each	3,432.00	8	27,456	8	27,456	4	13,728

[Signature]
 PROJECT DIRECTOR
 REHAB: DHO HOSPITALS
 SINDH



PLUMBING WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
12	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212 a) 3/4 inch dia (Page # 18, Item # 5 ii) b) 1 inch dia (Page # 18, Item # 5 iii) c) 1-1/4 inch dia (Page # 18, Item # 5 iv) d) 1-1/2 inch dia (Page # 18, Item # 5 v)	Each	290.84	2	582	2	582	3	1,273
13	BIB COCK Supplying and fixing in position C.P. Bib cock-b) 1/2" dia C.P. bib cock, Standard pattern. (Page-16, Item # 2-ib)	Each	318.34	4	1,273	4	1,273	4	1,273
14	CANCEALED STOP COCK Supplying / Fixing canceled stop cock of superior quality with c.p head 1/2" dia C.P fittings of Superior quality for tiles Bath Rooms. (Page # 19, Item # 11-B)	Each	510.84	8	4,087	8	4,087	4	2,043
15	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia (Page No.19 Item No.14-b)	Each	573.70	8	4,590	8	4,590	-	-
16	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete. (Page No.19 Item No.17)	Each	337.52	6	2,700	6	2,700	4	1,350
17	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete. (Page No.19 Item No.17)	Each	509.74	24	12,234	24	12,234	12	6,117
18	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete. (Page No.19 Item No.17)	Each	3,179.00	8	25,432	11	25,432	4	12,716
19	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete. (Page No.19 Item No.17)	Each	2,745.60	4	10,982	4	10,982	2	5,491



(Signature)
PROJECT DIRECTOR
REHAB-DHQ & THQ HOSPITALS
SINDH



Health Department, Government of Sindh
 Upgrade of THQ Hospital to the level of DHQ Hospital at Umerkot
 Name of Project: Residential Accommodation - Plumbing Works - Ground Floor
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
17	SHOWER Providing & Fixing jet shower with rod of superior quality with c.p head 1/2" dia. (Page # 19 item # 15)	Each	1,142.24	8	9,138	8	9,138	4	4,569
18	BATH ROOM ACCESSORIES SET 18.1 Supplying & Fixing Bath room accessories set (7 piece) towel rod, brush holder soaptray shelf of approved design 1/2 cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	8	82,579	8	82,579	4	41,290
18.2	3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-b)	Rft	226.00	200	45,200	200	45,200	80	18,080
18.3	4" dia UPVC PIPE Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-b)	Rft	334.00	170	56,780	170	56,780	80	26,720
TOTAL COST OF PLUMBING WORKS SCHEDULE ITEM					499,595		499,595		232,006

* This Amount is carried over to sub-summary of Plumbing Work (Accommodation)

PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc., including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling, watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (15.09 km).

a	1/2 inch (12 mm) Dia Pipe	Rft	140/-	200	28000/-	450	63000/-	70	9800/-
b	3/4 inch (20 mm) Dia Pipe	Rft	160/-	50	8000/-	225	36000/-	40	6400/-
c	1 inch (25 mm) Dia Pipe	Rft	200/-	50	10000/-	100	20000/-	80	16000/-
d	1 1/4 inch (32 mm) Dia Pipe	Rft	250/-	100	25000/-	100	25000/-	50	12500/-
e	1 1/2 inch (50 mm) dia pipe	Rft	300/-	100	30000/-	50	15000/-	-	-

2 DOUBLE GAS BURNER

Providing and fixing double gas burner superior quality made of stainless steel with rail cock /ic making gas connection as approved by the Engineer in charge as required.

Each	12000/-	4	48000/-	4	48000/-	2	24000/-
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3 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostat and safety valve, 59 liter capacity

Each	40000/-	4	160000/-	4	160000/-	2	80000/-
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PROJECT DIRECTOR
REHAB. DHQ & IHQ HOSPITALS
SINDH

Project: Rehabilitation of DHO Hospital in the level of DHO Hospital at Darnokol
Club Road # 2-2-11, Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

- | | |
|---|---|
| <p>4 GAS WORK
M.S. PIPE 1/2" Ø
Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.</p> | <p>Rft 150/-</p> <p>80</p> <p>12000/-</p> <p>80</p> <p>12000/-</p> <p>80</p> <p>12000/-</p> |
| <p>5 M.S. PIPE 3/4" Ø
Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.</p> | <p>Rft 207/-</p> <p>40</p> <p>8000/-</p> <p>40</p> <p>8000/-</p> <p>10</p> <p>2000/-</p> |
| <p>6 M.S. PIPE 1" Ø
Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.</p> | <p>Rft 250/-</p> <p>40</p> <p>10000/-</p> <p>30</p> <p>7500/-</p> <p>10</p> <p>2500/-</p> |
| <p>7 GAS COCK 1/2" Ø
Providing and fixing brass gas cock 13 mm (1/2") dia as required.</p> | <p>Each 1100/-</p> <p>8</p> <p>8800/-</p> <p>4</p> <p>4400/-</p> |
| <p>8 GAS COCK 3/4" Ø
Providing and fixing brass gas cock 20 mm (3/4") dia as required.</p> | <p>Each 1200/-</p> <p>4</p> <p>4800/-</p> <p>4</p> <p>4800/-</p> <p>2</p> <p>2400/-</p> |



PROJECT DIRECTOR
REHABILITATION OF DHO HOSPITALS
SINDH

Name of Client: Health Dept. Govt. Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	2500/-	4	10000/-	4	10000/-	2	5000/-
TOTAL COST OF PLUMBING WORKS NON-SCHEDULE ITEM				3626000/-	4181000/-	177000/-			

This Amount shall be carried over to sub-summary of Plumbing Work (Accommodation)



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PROJECT DIRECTOR
 PHEM-DHQ & THQ HOSPITALS
 SINGH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Larkot
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

ACCOMMODATION
 BOQ-P/FF-1

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/6 making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4 (ii) With 4" dia earthen ware trap and plastic thumbble (Page # 2, Item # 3-A-i) trap and plastic thumbble	Each	6,166.50	4	24,666	4	24,666	2	12,333
2	EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with 1/2 cist of white/black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & foilr for pipe connection & making good in cement concrete 1:2:4 (Page # 2, Item # 4)	Each	5,339.40	4	21,358	4	21,358	2	10,679
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with 1/2 cist the cost W) or C/I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/2" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (Page No.3 Item No.8,9)	Each	4,253.70	8	34,030	8	34,030	4	17,015



[Signature]
 PROJECT DIRECTOR
 PESHAWAR & HQ HOSPITALS
 SINDH

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
4	PEDESTAL Providing & fixing earthen ware Pedestal white or colored glazed (Foreign or Equivalent) Page # 3 Item # 11	Each	2,533.47	8	20,268	8	20,268	4	10,134
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia. brass stop cock with pair of brass nuts and lining joints to nylon connection (Page # 6, Item # 23)	Each	447.15	33	14,756	33	14,756	10	7,154
6	STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c/p rubber plug chrome plated brass chain, 1-1/2" c/p brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. Steel Sink stainless sized 40" x 20" standard Pattern (Page # 6, Item # 19)	Each	5,052.30	4	20,209	4	20,209	2	10,104
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	20	33,432	20	33,432	6	10,029

PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c/p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	24	20,254	24	20,254	12	10,127
9	UPVC PIPE Providing Laying uPVC pipes of class 'D' fixing in trench i/c cutting, filling and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.								
	a) 1/2 inch dia (Page # 24, Item # 5a)	Rft	12.00	450	5,400	450	5,400	70	840
	b) 3/4 inch dia (Page # 24, Item # 5b)	Rft	19.00	225	4,275	225	4,275	80	1,520
	c) 1 inch dia (Page # 24, Item # 5c)	Rft	27.00	100	2,700	100	2,700	80	2,160
	d) 1-1/4 inch dia (Page # 24, Item # 5d)	Rft	33.00	100	3,300	100	3,300	50	1,650
	e) 1-1/2 inch dia (Page # 24, Item # 5e)	Rft	43.00	50	2,150	50	2,150		
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Showeret with double Bib cock & ring Pipe etc. complete (Page # 19, Item # 19-A)	Each	3,432.00	8	27,456	8	27,456	4	13,728

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PROJECT DIRECTOR
 REHAB:DHQ & LHQ HOSPITALS
 SINDH

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212								
a)	3/4 inch dia (Page # 16, Item # 6 ii)	Each	290.84	2	582	2	582		
b)	1 inch dia (Page # 16, Item # 6 iii)	Each	318.34	4	1,273	4	1,273	4	1,273
c)	1-1/4 inch dia (Page # 16, Item # 6 iv)	Each	510.84	8	4,087	8	4,087	4	2,043
d)	1-1/2 inch dia (Page # 18, Item # 6 v)	Each	573.70	8	4,590	8	4,590		
12	BIB COCK Supplying and fixing in position C.P Bib cock -b) 1/2" dia C.P bib cock, Standard pattern (Page 16, Item # 2-b)	Each	337.52	8	2,700	8	2,700	4	1,350
13	CANCEALED STOP COCK Supplying / Fixing cancelled stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for Illes Bath Rooms (Page # 18, Item # 11-B)	Each	509.74	24	12,234	24	12,234	12	6,117
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	8	25,432	8	25,432	4	12,716
15	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc. complete (Page No.19 Item No.17)	Each	2,745.60	4	10,982	4	10,982	2	5,491

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PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
16	SHOWER Providing & Fixing jet shower with rod of superior quality with c/p head 1/2" dia. (Page # 19 item # 15)	Each	1,142.24	8	9,138	8	9,138	4	4,569
17	BATH ROOM ACCESSORIES SET								
17.1	Supplying & Fixing Bath room accessories set (7 piece) towel rack, brush holder soapray shelf of approved design 1/8" cast of screws,nuts etc complete (Master Brand) (age #19 item #23)	Each	10,322.40	8	82,579	8	82,579	4	41,290
17.2	3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft (Page No.24 item No.6-h)	Rft	226.00	300	67,800	300	67,800	100	22,600
17.3	4" dia UPVC PIPE Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft (Page No.24 item No.6-h)	Rft	334.00	250	83,500	250	83,500	100	33,400
TOTAL COST OF PLUMBING WORKS SCHEDULE ITEM					539,150		539,150		238,324

* This Amount is carried over to sub-summary of Plumbing Work (Accommodation)



PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS,
CALGARY

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	PPRC PIPES Providing and fixing PPRC Pipes and specials, etc., including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-5" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in asphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).	Rft	140/-	200	28000/-	450	63000/-	70	9800/-
a	3/4 inch (12 mm) Dia Pipe	Rft	150/-	50	7500/-	225	33750/-	80	12000/-
b	1/2 inch (20 mm) Dia Pipe	Rft	200/-	50	10000/-	100	20000/-	80	16000/-
c	1 inch (25 mm) Dia Pipe	Rft	250/-	100	25000/-	100	25000/-	50	12500/-
d	1 1/2 inch (32 mm) Dia Pipe	Rft	300/-	100	30000/-	50	15000/-	-	-
e	1-1/2 inch (50 mm) dia pipe	Rft							
2	DOUBLE GAS BURNER Providing and fixing double gas burner superior quality made of stainless steel with rail cock /c making gas connection as approved by the Engineer in charge as required.	Each	12000/-	4	48000/-	4	48000/-	2	24000/-
3	GYESER Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostat and safety valve, 68 liter capacity	Each	40000/-	4	160000/-	4	160000/-	2	80000/-



PROJECT DIRECTOR
REHABILITATION & HQ HOSPITALS,
SINDEH

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4	GAS WORK M.S. PIPE 1/2" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required ifc cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	150/-	80	12000/-	80	12000/-	15	2250/-
5	M.S. PIPE 1/2" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required ifc cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	200/-	40	8000/-	40	8000/-	10	2000/-
6	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required ifc cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	250/-	30	7500/-	30	7500/-	25	6250/-
7	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	1100/-	8	8800/-	8	8800/-	4	4400/-
8	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1200/-	4	4800/-	4	4800/-	2	2400/-



PROJECT DIRECTOR
REHABILITATION & IHQ HOSPITALS,
SINDH

Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot.
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	2500/-	4	10000/-	2	5000/-		
TOTAL COST OF PLUMBING WORKS NON-SCHEDULE ITEM				362	10000/-	4158	5000/-	176	6000/-

* This Amount shall be carried over to sub-summary of Plumbing Work (Accommodation)

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PROJECT DIRECTOR
 REHAB-DHQ & THQ HOSPITALS
 SINDH

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2.4 (ft) With 4" dia earthen ware trap and plastic thumb. (Page # 2, Item # 3-A-ii) trap and plastic thumble</p>	Each	6,155.50	4	24,666	4	24,666	2	12,333
2	<p>EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & 1/2 cost of white/black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia and curing & making requisite number of hole in walls, plinth & floor for pipe connection & making good in cement concrete 1:2.4. (Page # 2 Item # 4)</p>	Each	5,339.40	4	21,356	4	21,356	2	10,679
3	<p>WASH BASIN Providing and fixing 24" x 15" lavatory basin white glazed earthen ware complete with & 1/2 the cost W/I or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2.4 (Standard pattern). (Page No.3 Item No.6.9)</p>	Each	4,253.70	8	34,030	8	34,030	4	17,015



PROJECT DIRECTOR
 REHAB:DHQ & TIHQ HOSPITALS
 SINDH

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or Equivalent.) (Page # 3 Item # 11)	Each	2,533.47	8	20,268	8	20,268	4	10,134
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia. brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 6, Item # 23)	Each	447.15	33	14,756	33	14,756	16	7,154
6	STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c/p rubber plug chrome plated brass chain, 1-1/2" c/p brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2.4. Steel Sink stainless sized 40" x 20" standard Pattern. (Page # 6, Item # 19)	Each	5,052.30	4	20,209	4	20,209	2	10,105
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2.4. (Page # 5 Item # 21)	Each	1,671.58	20	33,432	20	33,432	6	10,029



PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with cp head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	24	20,254	24	20,254	12	10,127
9	UPVC PIPE Providing Laying upvc pipes of class 'D' fixing in trench w/c cutting,fitting and jointing with solvent cement w/c testing with water to ahead of 122 meter or 400 ft.								
	a) 1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	450	5,400	450	5,400	70	840
	b) 3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	225	4,275	225	4,275	80	1,520
	c) 1 inch dia (Page # 24,Item # 6c)	Rft	27.00	100	2,700	100	2,700	80	2,160
	d) 1-1/4 inch dia (Page # 24,Item # 6d)	Rft	33.00	100	3,300	100	3,300	50	1,650
	e) 1-1/2 inch dia (Page # 24,Item # 6e)	Rft	43.00	50	2,150	50	2,150		
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Showerer with double Bib cock & ring Pipe etc. complete (Page # 19, Item # 13-A)	Each	3,432.00	8	27,456	8	27,456	4	13,728



PROJECT DIRECTOR
REHAB:DHQ & IHQ HOSPITALS,
SINDH



PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 12 12								
	a) 3/4 inch dia (Page # 18, Item # 6 ii)	Each	290.84	2	582	2	582	-	-
	b) 1 inch dia (Page # 18, Item # 6 iii)	Each	316.34	4	1,273	4	1,273	4	1,273
	c) 1-1/4 inch dia (Page # 18, Item # 6 iv)	Each	510.84	8	4,087	8	4,087	4	2,043
	d) 1-1/2 inch dia (Page # 18, Item # 6 v)	Each	573.70	8	4,590	8	4,590	-	-
12	BIB COCK Supplying and fixing in position C.P. Bib cock - 6) 1/2" dia C.P. bib cock, Standard pattern. (Page 15, Item # 2-1b)	Each	337.52	8	2,700	8	2,700	4	1,350
13	CANCEALED STOP COCK Supplying / Fixing canceled stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for tiles Bath Rooms (Page # 18, Item # 11-B)	Each	509.74	24	12,234	24	12,234	12	6,117
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19, Item No.14-b)	Each	3,179.00	8	25,432	8	25,432	4	12,716
15	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete. (Page No.19, Item No.17)	Each	2,745.50	4	10,982	4	10,982	2	5,491

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 ENGINEER



PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
16	SHOWER Providing & Fixing jet shower with rod of superior quality with c/p head 1/2" dia. (Page # 19 item # 15)	Each	1,142.24	8	9,138	8	9,138	4	4,569
17	BATH ROOM ACCESSORIES SET 17.1 Supplying & Fixing Bath room accessories set (7 piece) towel rack, brush holder soap tray shelf of approved design 1/2 cost of screws, nuts etc complete. (Master Brand) (age #19 item #23)	Each	10,322.40	8	82,579	8	82,579	4	41,290
17.2	UPVC PIPE 3" DIA Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft. (Page No.24 item No.6-h)	Rft	226.00	300	67,800	300	67,800	120	27,120
17.3	UPVC PIPE 4" DIA Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft. (Page No.24 item No.6-h)	Rft	334.00	250	83,500	250	83,500	120	40,080
TOTAL COST OF PLUMBING WORKS SCHEDULE ITEM					539,150		539,150		249,524

* This Amount is carried over to sub-summary of Plumbing Work (Accommodation)



Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
Residential Accommodation - Plumbing Works - Second Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

- 4 GAS WORK
M.S. PIPE 1/2" Ø
Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass welding complete.
Rt 150/- 80 12000/- 80 12000/-
- 5 M.S. PIPE 3/4" Ø
Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass welding complete.
Rt 200/- 40 8000/- 40 8000/-
- 6 M.S. PIPE 1" Ø
Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass welding complete.
Rt 250/- 40 10000/- 30 7500/- 40 10000/-
- 7 GAS COCK 1/2" Ø
Providing and fixing brass gas cock 13 mm (1/2") dia as required
Each 1100/- 8 8800/- 8 8800/- 4 4400/-
- 8 GAS COCK 3/4" Ø
Providing and fixing brass gas cock 20 mm (3/4") dia as required
Each 1200/- 4 4800/- 4 4800/- 2 2400/-



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12/11/13

Health Department, Government of Sindh
 Upgrade of THQ Hospital - to the level of DHQ Hospital at Umarkot
 Sub Head # 2.2.3: Residential Accommodation - Plumbing Works - Second Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc., including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling, watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km)

a	½ inch (12 mm) Dia Pipe	Rft	140/-	200	28000/- ✓	450	63000/- ✓	70	9800/- ✓
b	¾ inch (20 mm) Dia Pipe	Rft	160/-	50	8000/- ✓	225	36000/- ✓	80	12800/- ✓
c	1 inch (25 mm) Dia Pipe	Rft	200/-	50	10000/- ✓	100	20000/- ✓	80	16000/- ✓
d	1¼ inch (32 mm) Dia Pipe	Rft	250/-	100	25000/- ✓	100	25000/- ✓	80	21250/- ✓
e	1-½ inch (50 mm) dia pipe	Rft	300/-	100	30000/- ✓	50	15000/- ✓		

2 DOUBLE GAS BURNER

Providing and fixing double gas burner superior quality made of stainless steel with rail cock w/c making gas connection as approved by the Engineer in charge as required.

Each	12000/- ✓	4	48000/- ✓	2	24000/- ✓
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3 GYESER

Supplying and Fixing Gas water Gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

Each	40000/- ✓	4	160000/- ✓	2	80000/- ✓
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[Signature]
 PROJECT DIRECTOR
 REHAB-DHQ & THQ HOSPITALS,
 SINDH

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	2500/-	362600/-	10000/-	10000/-	5000/-		
TOTAL COST OF PLUMBING WORKS NON-SCHEDULE ITEM				418100/-					

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* This Amount shall be carried over to sub-summary of Plumbing Work (Accommodation)

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UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT

SUB-SUMMARY OF ELECTRICAL WORKS (ACCOMMODATION)

S. No.	Particular	Doctor Flats		Paramedics Flats		Lower Staff Flats		Total Amount
		Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	
2.3.1	Ground Floor	332,262	659,750/-	233,274	42,750/-	110,742	215,350/-	
2.3.2	First Floor	332,262	594,050/-	233,274	359,900/-	106,402	150,250/-	
2.3.3	Second Floor	400,002	594,050/-	202,314	361,900/-	140,202	150,250/-	
	Amount of Schedule Items	1,065,426	1,84,7,850/-	748,862	11,49,300/-	360,406	515,850/-	
	Amount of Non-Schedule Items		92,393/-		57,465/-		25,793/-	
	Amount of Schedule & Non-Schedule Items	1,065,426	1,94,0,243/-	748,862	11,55,765/-	360,406	541,643/-	
	Total Amount of Schedule + Non-Schedule Items	2,130,852	1,94,0,243/-	1,497,724	11,55,765/-	720,812	587,386/-	5,529,123/-
Total Amount of Electrical Works								

552010



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PROJECT DIRECTOR
SCHEDULED & THQ HOSPITALS
SINDH



Note : ** This amount shall be carried over to Summary of Accommodation

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required Schedule item 40 page no 6 Per Mtr.		513.00	-	-	120	73,560	60	36,780
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required Schedule item 41 page no 6 Per Mtr.		858.00	120	102,960	-	-	-	-
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 124 page no.15 Per Point		797.00	116	92,452	76	60,572	40	31,880
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 125 page no.15 Per Point		985.00	32	31,520	16	15,760	8	7,880
5	Wiring for call bell point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 125 page no.15 Per Point		1,764.00	4	7,056	4	7,056	2	3,528
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 228 page no.33 Per No		151.00	2	302	2	302	2	302
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33 Per No		162.00	-	-	8	1,296	4	648



PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS,
SINDH



ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	Providing and fixing bakelite ceiling tone with two terminals Schedule item 228 page no 33	Per No	72.00	20	1,440	20	1,440	15	1,080
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no 34	Per No	3,020.00	4	12,080	-	-	-	-
10	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no 34	Per No	3,185.00	16	50,960	16	50,960	8	25,480
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no 34	Per No	2,791.00	12	33,492	8	22,328	4	11,164
TOTAL COST OF ELECTRICAL WORKS					332,262		233,274		118,742
SCHEDULE ITEM									

* This Amount is carried over to sub-summary of Electrical Work (Accommodation)



(Signature)
 PROJECT DIRECTOR
 REHAB.DHQ & THQ HOSPITALS,
 SINDH

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1- Wiring & Accessories.

- Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.
- Same as above schedule item No.2 wiring of light point from point to point with 1.5 sq mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.
- Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core (Green) insulated wire as ECC, complete as per specification & drawing.
- Same as above item No.7 but power plug outlet to outlet, complete as per specifications and drawing.

Point 10 3200/- 10 57600/- 9 28800/- 4 12800/-

Point 4 1200/- 4 4800/- ✓ ✓ ✓ ✓

Point 4 4600/- 4 18400/- 4 18400/- 2 9200/-

Point 4 3800/- 4 15200/- 2 7600/-



PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

5. Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc. including 2.5 sq mm single core (Green) insulated wire as ECC; complete as per specification & drawing.

6. Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.

- a) 1 Gang switch
- b) 2 Gang switch
- c) 3 Gang switch
- d) 4 Gang switch
- e) 2 Way 1 Gang switch
- f) Call bell push switch
- g) Call Bell

Point 7000/- 18 126000/-

No	150/-	18	2700/-	4	6000/-	2	3000/-
No	250/-	16	4000/-	16	4000/-	8	2000/-
No	328/-	12	3900/-	7	1300/-	2	650/-
No	450/-	4	1800/-	4	1800/-	4	500/-
No	250/-	2	500/-	2	500/-	2	500/-
No	175/-	4	700/-	4	700/-	2	350/-
No	350/-	4	1400/-	4	1400/-	2	700/-



SL/2024



ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

7. Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

No.	525/-	32	16800/-	16	8400/-	8	4200/-		
No.	525/-	8	4200/-						
No.	7500/-	12	30000/-						

- a) 10 Amps 3-pin switch & socket outlet
- b) 13 Amps 3-pin (Simplex) outlet
- c) 25A Isolator switch

8. Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

No.	850/-	20	17000/-	16	13600/-	8	6800/-		
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II-Fixtures:

9. Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

No.	1800/-	40	72000/-	30	54000/-	10	18000/-		
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10. Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Plerlite 302015 oval 60W

No.	2400/-								
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Name of Project: Upgrade of THQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 2.3.1 Residential Accommodation - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

- 11 Supply, installation, connecting, testing & commissioning of following wall mounting and ceiling mounting Fancy decorative with compact fluorescent lamp light fixtures that to be approved by Architect or site in charged, complete in all respects.
- a) Fancy wall bracket with double arm with 25W CFL
 - b) Pendant Light fixture Fancy type with 1X32W CFL
 - c) Fancy Mirror Light fixture wall mounted with 25W-CFL

No:	8	1800/-	8	14400/-	12	21600/-	4	7200/-
No:	24	1800/-	24	43200/-	16	28800/-	8	14400/-
No:	8	2000/-	8	16000/-	8	16000/-		

- 12 **III-Distribution Boards & Earthing:**
Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and QBs for lighting and power; should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P MCCB and 10KA for S.P, mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per specifications and drawing.

Set	1	25000/-	1	25000/-				
Set	4	25000/-	4	100000/-				

- Doctor Flats**
a) LPDB-A
b) DB-Ag1 to Db-Ag4



PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS,
SINDH



ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
Paramedics Flats									
a) LPDB-B		Set	25000/-	✓		1	25000/-	✓	
b) DB-Bg1 to DB-Bg4		Set	25000/-	✓		4	100000/-	✓	
Lower Staff Flats									
a) LPDB-C		Set	25000/-	✓				1	25000/-
b) DB-Cg1 to Db-Cg2		Set	25000/-	✓				2	50000/-
13	Providing and fixing 1" dia Copper Rod 12'-0" long having conical end to be buried after providing 3" dia hole in ground level at depth of 12'-0" or less if water comes out from the ground level, including providing back filling of earth powder, fixing copper rod, including earth clamp, earth leads 2x 50sq.mm bar copper wire in 2" dia G.I. pipe from earth pit to connecting point complete as per drawing with all respects.		Set	24500/-	1	24500/-	1	24500/-	24500/-
14	IV. Telephone & TV Antenna: Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.		Rft.	35/-	150	5250/-	200	7000/-	3500/-
15	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.		Rft.	25/-	360	9000/-	470	11750/-	3750/-



PROJ. NO. ...
DATE ...
SIGNED ...

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
16	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1500/-	4	6000/-	4	6000/-	2	3000/-
17	Supply, connecting, testing & commissioning of 15 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	15000/-	1	15000/-	1	15000/-	1	15000/-
18	Supply, installation, connecting, testing and commissioning of Duplex TV Antenna outlets FCC standard Clipsal make or approved equivalent.	No.	950/-	4	3800/-	4	3800/-	2	1900/-
19	Supply, connecting, testing & commissioning of coaxial cable suitable for TV Antenna in already installed conduit, complete as per specification and drawing.	Rft	355/-	560	19600/-	470	16450/-	100	35000/-
20	Supply, connecting, testing & commissioning of TV Antenna Splitter suitable for 1-line & 4-Extension line, complete as per specification and drawing.	No	500/-	2	1000/-	1	500/-	1	500/-
TOTAL COST OF ELECTRICAL WORKS NON-SCHEDULE ITEM				659750/-	427500/-	215350/-			

This Amount shall be carried over to sub-summary of Electrical Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of T-10 Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no.6	Per Meter	513.00	-	-	120.00	73,550.00	40.00	24,520.00
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Meter	658.00	120.00	102,960.00	-	-	-	-
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	116.00	92,452.00	76.00	60,572.00	40.00	31,880.00
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	32.00	31,520.00	16.00	15,760.00	8.00	7,880.00
5	Wiring for call bell point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 128 page no.15	Per Point	1,764.00	4.00	7,056.00	4.00	7,056.00	2.00	3,528.00
6	Providing and fixing three pin 5Ampa plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00	2.00	302.00	2.00	302.00
7	Providing and fixing three pin 10.15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	-	-	8.00	1,296.00	4.00	648.00

PROJECT DIRECTOR
 REHAB.DHO & HQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Unnarkot
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	20.00	1,440.00	20.00	1,440.00	15.00	1,080.00
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	4.00	12,080.00	-	-	-	-
10	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	16.00	50,960.00	15.00	50,560.00	8.00	25,480.00
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,751.00	12.00	33,492.00	8.00	22,328.00	4.00	11,164.00
TOTAL COST OF ELECTRICAL WORKS SCHEDULE ITEM					332,262		233,274		106,402

* This Amount is carried over to sub-summary of Electrical Work (Accommodation)



[Signature]
 PROJECT DIRECTOR
 REHABILITATION & UPGRADE HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1-Wiring & Accessories.
 1 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.

Point 3200/- 1800 57600/- 900 78800/- 400 12800/- ✓

2 Same as above schedule item No.2 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.

Point 1200/- 400 4800/- ✓

3 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point 4600/- 400 18400/- 400 18400/- 200 9200/- ✓

4 Same as above item No.7 but power plug outlet to outlet, complete as per specifications and drawing.

Point 3800/- 400 15200/- 400 15200/- 200 7600/- ✓



[Handwritten Signature]
 Director

Name of Client: Health Department, Government of Jharkhand
 Name of Project: Upgradation of THQ Hospital, to the level of DHQ Hospital at Umerkot
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

Point: 7000/- 18.00 126000/-

5 Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq mm single core PVC insulated wire 300/500 volts grade single core stranded wire conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core (Green) insulated wire as ECC, complete as per specification & drawing

6 Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing

a) 1 Gang switch	No.	150/-	18.00	2700/-	4.00	600/-	2.00	300/-
b) 2 Gang switch	No.	250/-	16.00	4000/-	16.00	4000/-	8.00	2000/-
c) 3 Gang switch	No.	325/-	12.00	3900/-	4.00	1300/-	2.00	650/-
d) 4 Gang switch	No.	450/-	4.00	1800/-	4.00	1800/-	-	-
e) 2 Way 1 Gang switch	No.	250/-	2.00	500/-	2.00	500/-	2.00	500/-
f) Call bell push switch	No.	175/-	4.00	700/-	4.00	700/-	2.00	350/-
g) Call Bell	No.	350/-	4.00	1400/-	4.00	1400/-	2.00	700/-



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 M-TECH CONSTRUCTORS

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

7. Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet	No.	525/-	32.00	16800/-	16.00	8400/-	8.00	4200/-	✓
b) 13 Amps 3-pin (Simplex) outlet	No.	525/-	8.00	4200/-	✓	✓	✓	✓	✓
c) 25A Isolator switch	No.	2500/-	12.00	30000/-	✓	✓	✓	✓	✓

8. Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

No.	850/-	20.00	17000/-	16.00	13600/-	6800/-	✓
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II-Fixtures:

9. Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

No.	1800/-	40.00	72000/-	30.00	54000/-	18000/-	✓
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for

PROJECT DIRECTOR
 REHAB-DHQ & THQ HOSPITALS
 SINDH



ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
10	Supply, installation, connecting, testing & commissioning of following wall mounting and ceiling mounting Fancy decorative with compact fluorescent lamp light fixtures that to be approved by Architect or site in charged, complete in all respects. a) Fancy wall bracket with double arm with 25W CFL b) Pendent Light fixture Fancy type with 1X32W CFL c) Fancy Mirror Light fixture wall mounted with 25W CFL	No	18.00/-	8.00	144.00/-	12.00	216.00/-	4.00	72.00/-
		No	19.00/-	24.00	456.00/-	10.00	190.00/-	5.00	95.00/-
		No	20.00/-	8.00	160.00/-	8.00	160.00/-		

11. III-Distribution Boards & Earthing:

Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Tejasaki make Japan or approved equivalent, complete as per specifications and drawing

Doctor Flats

a) DB-A11 to DB-A14

Paramedics Flats

a) DB-B11 to DB-B14

Lower Staff Flats

a) DB-C11 to DB-C12

Set	2.5000/-	4.00	100.0000/-				
Set	2.5000/-			4.00	100.0000/-		
Set	2.5000/-					2.00	50.0000/-



ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIP ON	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
IV-Telephone & TV Antenna:									
12	Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft	35/-	150.00	5250/-	200.00	7000/-	100.00	3500/-
13	Supply, installation, connecting, testing and commissioning of 2-Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing	100	25/-	200.00	5000/-	470.00	11750/-	150.00	3750/-
14	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent	No	1500/-	4.00	6000/-	4.00	6000/-	2.00	3000/-
15	Supply, installation, connecting, testing and commissioning of Duplex TV Antenna outlets FCC standard Clipsal make or approved equivalent	No	900/-	4.00	3600/-	4.00	3600/-	2.00	1800/-
16	Supply, connecting, testing & commissioning of coaxial cable suitable for TV Antenna in already installed conduit complete as per specification and drawing.	Rft	35/-	500.00	17500/-	470.00	16150/-		3500/-
TOTAL COST OF ELECTRICAL WORKS NON-SCHEDULE ITEM					59400/-	359900/-	150250/-		

* This Amount shall be carried over to sub-summary of Electrical Work (Accommodation)

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ELECTRICIAN WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no 6	Per Meter	613.00			200.00	122,600.00	100.00	61,300.00
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no 6	Per Meter	858.00	200.00	171,600.00				
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 24 page no 15	Per Point	717.00	116.00	83,172.00	76.00	54,432.00	40.00	28,680.00
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no 15	Per Point	965.00	32.00	31,520.00	16.00	15,760.00	8.00	7,800.00
5	Wiring for call bell point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 128 page no 15	Per Point	1,764.00	4.00	7,056.00	4.00	7,056.00	2.00	3,528.00
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no 33	Per No	151.00	2.00	302.00	2.00	302.00	2.00	302.00
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no 33	Per No	162.00			8.00	1,296.00	4.00	648.00

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PROJECT DIRECTOR
 RAJESH K. S. RAO HOSPITALS
 CHAND



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Urmerkot
 Sub Head # 2.3.3: Residential Accommodation - Electrical Works - Second Floor

ACCOMMODATION
 BOO-E/SF-2

ELECTRICIA WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 225 page no.33	Per No	72.00	20.00	1,440.00	20.00	1,440.00	15.00	1,080.00
9	Providing and fixing brass ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	4.00	12,080.00				
10	Providing and fixing brass ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	10.00	31,850.00	16.00	50,960.00	6.00	25,480.00
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	12.00	33,492.00	8.00	22,328.00	4.00	11,164.00
TOTAL COST OF ELECTRICAL WORKS SCHEDULE ITEM					400,802		282,314		143,252

* This Amount is carried over to sub-summary of Electrical Work (Accommodation)



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**DIRECTOR
 HEALTH SERVICES
 SINDH**

Faculty Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 2.3.3. Residential Accommodation - Electrical Works - Second Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1. Wiring & Accessories.

1. Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc. recessed in wall, column, roof etc., including 2.5 sq mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.

Point 3200/- 18000 57600/- 9600 78800/- 4000 178000/-
2. Same as above schedule item No 2 wiring of light point from point to point with 1.5 sq mm single core PVC insulated wire 300/500 volts grade single core complete as per specifications and drawing.

Point 1200/- 400 4800/-
3. Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point 4600/- 400 18400/- 400 18400/- 200 9200/-
4. Same as above item No 7 but power plug outlet to outlet, complete as per specifications and drawing.

Point 3800/- 400 15200/- 400 15200/- 200 7600/-



for

PROJECT DIRECTOR
 THQ HOSPITALS

5/10/2011

ELECTRICAL WORK - NON-SCHEMATIC ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
5	Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBS, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.								
	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing								
	a) 1 Gang switch	No.	150/-	18.00	2700/-	4.00	600/-	2.00	300/-
	b) 2 Gang switch	No.	250/-	16.00	4000/-	16.00	4000/-	8.00	2000/-
	c) 3 Gang switch	No.	325/-	12.00	3900/-	4.00	1300/-	2.00	650/-
	d) 4 Gang switch	No.	450/-	4.00	1800/-	4.00	1800/-	2.00	900/-
	e) 2 Way 1 Gang switch	No.	250/-	2.00	500/-	2.00	500/-	2.00	350/-
	f) Call bell push switch	No.	175/-	4.00	700/-	4.00	700/-	2.00	350/-
	g) Call Bell	No.	350/-	4.00	1400/-	4.00	1400/-	2.00	700/-

Point 7000/-

18.00 17000/-



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Name of Project: Upgrade of TRD Hospital to the level of DRD Hospital at Umerkot
 Sub Head # 2-3: Residential Accommodation - Electrical Works - Second Floor

ATA DEMANDATION
 BOC/23/3

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

7 Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet	No.	525/-	32.00	16800/-	16.00	8400/-	8.00	4200/-	
b) 13 Amps 3-pin (Simplex) outlet	No.	525/-	8.00	4200/-					
c) 25A Isolator switch	No.	2500/-	12.00	30000/-					

8 Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

II- Fixtures:	No.	850/-	20.00	17000/-	16.00	13600/-		6800/-	
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9 Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

	No.	1800/-	40.00	72000/-	30.00	54000/-	10.00	18000/-	
--	-----	--------	-------	---------	-------	---------	-------	---------	--

10 Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W

	No.	2000/-	1.00	2000/-					
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S. N.	DESCRIPTION	Dns for Flats			Paramedica Flats			Lower Staff Flats		
		UNIT	RATE	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	

No.	1800/-	8.00	14400/-	12.00	21600/-	4.00	7200/-
No.	1800/-	24.00	43200/-	15.00	28800/-	5.00	14400/-
No.	2000/-	8.00	16000/-	8.00	16000/-	-	-

11 Supply, installation, connecting, testing & commissioning of following wall mounting and ceiling mounting Fancy decorative with compact fluorescent lamp light fixtures that to be approved by Architect or site in charged, complete in all respects.
 a) Fancy wall bracket with double arm with 25W CFL
 b) Pendant Light fixture Fancy type with 1X32W CFL
 c) Fancy Mirror Light fixture wall mounted with 25W CFL

12 III-Distribution Boards & Earthing:
 a) Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled, ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Tarasaki make Japan or approved equivalent, complete as per specifications and drawing.

Category-A	Set	25000/-	4.00	100000/-	4.00	100000/-	2.00
b) DB-As1 to DB-As4	Set	25000/-	4.00	100000/-	4.00	100000/-	2.00
Category-B	Set	25000/-	4.00	100000/-	4.00	100000/-	2.00
b) DB-Bs1 to DB-Bs4	Set	25000/-	4.00	100000/-	4.00	100000/-	2.00
Category-C	Set	25000/-	4.00	100000/-	4.00	100000/-	2.00
b) DB-Cs1 to DB-Cs2	Set	25000/-	4.00	100000/-	4.00	100000/-	2.00



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 2.3.3: Residential Accommodation - Electrical Works - Second Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
13	IV- Telephone & TV Antenna: Supply and installation of PVC 3/4" or 1" PVC conduit to be installed, recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects	Rft	35/-	150.00	5250/-	200.00	7000/-	100.00	3500/-
14	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing	Rft	25/-	360.00	9000/-	470.00	11750/-	150.00	3750/-
15	Supply, installation, connecting, testing and commissioning of Duplex Telephone bullets FCC standard Clipsal make or approved equivalent	No	1500/-	4.00	6000/-	4.00	6000/-	2.00	3000/-
16	Supply, installation, connecting, testing and commissioning of Duplex TV Antenna outlets FCC standard Clipsal make or approved equivalent	No	900/-	4.00	3600/-	4.00	3600/-	2.00	1800/-
17	Supply, connecting, testing & commissioning of coaxial cable suitable for TV Antenna in already installed conduit, complete as per specification and drawing.	Rft	35/-	560.00	19600/-	470.00	16450/-	100.00	3500/-
TOTAL COST OF ELECTRICAL WORKS NON-SCHEDULE ITEM					594050/-	361900/-	150250/-		

* This Amount shall be carried over to sub-summary of Electrical Work (Accommodation)

[Signature]
 CHIEF ENGINEER



ANCILLARY BUILDINGS



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT

SUMMARY OF ANCILLARY BUILDINGS

S. No.	Particular	Bill of Quantities		Total Amount
		Quantity	Amount	
1	Cost of Civil Works		45653986/-	
2	Cost of Plumbing Works		1188120/-	4008120/-
3	Cost of Electrical Works		2633716/-	
Total Amount of Ancillary Buildings				49095823/-



Note : * * * This amount shall be carried over to Grand Summary

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UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH ANCILLARY
Struc. Civil
UMERKOT

ANCILLARY BUILDINGS

SUB-SUMMARY OF CIVIL WORKS (ANCILLARY BUILDINGS)

S.No.	Particular	Amount of Schedule Items	Amount of Non Schedule	Total Amount
			Items	
11	Musafir Khana			
11.1	Foundation Plinth	2,314,525	11,500/-	---
11.2	Ground Floor	7,947,379	576,800/-	---
12	Morgue House			
12.1	Foundation Plinth	711,015	5,000/-	---
12.2	Ground Floor	2,209,103	165,700/-	---
13	Laundry			
13.1	Foundation Plinth	1,146,841	6,250/-	---
13.2	Ground Floor	2,531,532	729,600/-	---
14	Masjid			
14.1	Foundation Plinth	2,780,215	13,250/-	---
14.2	Ground Floor	9,380,382	390,350/-	---
15	Ablution			
15.1	Foundation Plinth	562,648	3,000/-	---
15.2	Ground Floor	1,698,675	226,850/-	---
16	Cafeteria			
16.1	Foundation Plinth	2,129,615	11,250/-	---
16.2	Ground Floor	4,748,883	1,415,865/-	---
17	Parking Shed			
17.1	Foundation Plinth	297,473	1,375/-	---
17.2	Ground Floor	492,739	19,000/-	---
18	Sub Station			
18.1	Foundation Plinth	1,094,124	5,500/-	---
18.2	Ground Floor	862,887	646,350/-	---
19	H. T. Room			
19.1	Foundation Plinth	237,219	1,125/-	---
19.2	Ground Floor	351,329	197,500/-	---
Amount of Schedule & Non Schedule Items		41,476,584	4397223/-	45873850/-
			-219863/-	-219863/-
Total Amount of Schedule & Non Schedule Items		41476584	4177400/-	45653987/-
Total Amount of Civil Works				

This amount shall be carried over to Summary of Ancillary Buildings



PROJECT DIRECTOR
UPGRADATION OF THQ HOSPITAL
SINDH

22

45653987/-

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	5,832	4,411
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	7,877	25,019
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No 91)	Per Sft	40.10	280	11,228
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Engineer Incharge. (Page No.109 Item No 92)	Per Sft	9.74	5,832	56,804
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft. (Page No.4, Item No 21)	%0Cft	1,512.50	5,450	8,243
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No.4, Item No. 22)	%0Cft	3,630.00	14,181	51,477
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	14,181	25,725

PROJECT DIRECTOR
 RELAB:DHQ & THQ HOSPITALS
 SINDH




Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth.

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,674.00	700	18,788
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	1,132	106,592
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
8.1	(i) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 3/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
a)	Foundation / Raft	Per Cft	337.00	1,266	426,642
b)	Plinth beam	Per Cft	337.00	980	330,260
8.2	(ii) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns upto plinth level. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	309	107,841


PROJECT DIRECTOR
HOSPITALS,
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of HQ Hospital at Umerkot
 Sub Head # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	125	625,213
10	Pucca Brick Work in Foundation Pacca brick work in foundation and plinth in Cement Sand Mortar (1:6) [Page No. 20, Item No. 4-l (e) <i>Note:</i> Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Cft	11,948.36	1,766	211,008
11	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Sft	3,912.85	303	11,856
12	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	776.09	2,100	16,340
13	FLOORING				
14	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	2,365	63,477
15	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Cft	12,595.00	1,560	196,482

[Signature]
 PROJECT DIRECTOR
 THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of D.H. Hospital at Umerkot
Sub Head # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
-----	-------------	------	------	-----	--------

13.3 Polythene Sheet

Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge.

(Page No 38, Item # 38)

P.Sft

10.70

1,600

17,120

TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM	*	2,314,525
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* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Item # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS				MUSAFIR KHANA	
DESCRIPTION	UNIT	RATE	QTY	AMOUNT	
Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P Ba	25/-	460	11500/- ✓	
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				• 11500/- ✓	

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 REHABILITATION OF THQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 3/4" gauge [Page No. 16, Item No. 5(a)]				
	a) Beams / Lintels	Per Cft.	337.00	703	236,911
	b) Slab / Projections	Per Cft.	337.00	3,265	1,100,305
	c) Staircase	Per Cft.	337.00	75	25,275
	d) Window Sill	Per Cft.	337.00	10	3,370
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 5(a)]				
	Columns above plinth level	Per Cft.	349.00	381	132,969
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 3-a)				
	b) TOR Steel (Page No. 17, Item No. 3-b)	Cwt.	5,001.70	215	1,075,366
3	Pucca Brick Work in Super Structure				
3.1	Pucca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-(e)]				
	a) 9 inch thick wall	%Cft.	12,674.36	3,377	428,013
	b) 4-1/2 thick wall	%Cft.	12,674.36	50	6,337

[Handwritten Signature]

PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS
SINOH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of L HQ Hospital at Umerkot
 Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

Sl. No.	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
2	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	100	22,602
PLASTERING					
1	Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	4,177	91,790
2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	6,151	185,499
3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	5,400	162,851
FLOORING					
51	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No. 47, Item No. 60)	%Sft	30,509.77	394	120,208
a)	Flooring	%Sft	30,509.77	1,228	374,660
b)	Dado				
52	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)	Per Sft	567.48	4,463	2,532,663

PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curring, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-l)	Per Sft	186.04	411	76,462
6.	DOORS / WINDOWS				
6.1	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Aicop made with 5mm thick tinted glass glazing (Belgium) including handles, stoppers & locking arrangement etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	328	475,498
6.2	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	50	3,189
6.3	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet 1/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:5 ratio and repairing the jambs The cost also 1/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	225	51,503
6.4	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	328	53,759
6.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No. 60)	Per Rft	49.97	437	21,837

PROJECT DIRECTOR
REHABILITATION HOSPITALS,
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5.6	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No.20)	Each	413.14	6	2,449
6.7	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 1/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No.30)	Per Sft.	194.16	328	63,884
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54, item No 24-c)	%Sft	1,079.65	4,177	45,097
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55; item No 36-A + B + B)	%Sft	3,444.38	6,151	211,864
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	5,400	138,669
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	1,000	14,491

PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras (Page No. 19 Item No 27)	Sq.ft	524.98	8	4,200
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	Sq.ft	5,310.35	5,383	285,856
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	7,947,379

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)




PROJECT DIRECTOR
 REHABILITATION OF THQ HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.1.2: Ancillary Building - Civil works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEM.

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1 Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shape) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor.

P. Sft 70/- 700 49000/- ✓

2 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P. Sft 425/- 200 85000/- ✓

3 Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry
 P. Sft 1000/- 180 180000/- ✓

4 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P. Sft 1400/- 300 420000/- ✓

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 Sindh
 2019



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS				MUSAFIR KHANA	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	Providing and fixing approved quality Bath Latch.	Each	500/-	4	2000/-
6	Providing and fixing hydraulic door closer (Rayobi or approved design No 5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	5200/-	4	20800/-
7	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor. a) Floor mounted	P. Rft	900/-	50	45000/-
8	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	100/-	750	75000/-
9	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	175/-		Only Rate required ✓
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					576800/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 AT HQ & THQ HOSPITALS
 SINDH



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Item No: 121 Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORKS - (CSR-2012)		MORQUE HOUSE		
DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Earth Work				
Excavation and removing within 100 ft. depth No 95, Item No. 4-a light)	%Sft	5.63	950	718
Excavation				
Excavation in foundation of building bridges and other structures including daggelling dressing walling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No 4, Item No. 18-b)	%OCft	3,176.25	2,130	6,765
Termite Proofing				
Providing Anti-termite treatment by spraying / fumking / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No 109 Item No. 91)	Per Rft	40.10	200	8,020
Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc. complete as per directions of Enginner Incharge. (Page No. 109 Item No. 92)	Per Sft	9.74	1,066	10,383
Back Filling Surplus Earth				
Back filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft. (Page No.4, Item No 21)	%OCft	1,512.50	1,440	2,178
Earth Filling outside Earth				
Back filling watering and ramming earth under floor with surplus earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%OCft	3,630.00	2,805	10,182
Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%OCft	1,814.04	2,805	5,088

[Signature]
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Head #3.2.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

Sl. No.	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,68.00	192	5,153
	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,41.28	322	30,320
	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	R.C Work in Roof Slab, beams columns raft, girders and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
	1) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge (Page No. 16, Item No. 6(a)I) a) Foundation / Raft	Per Cft	337.00	480	161,760
	b) Plinth beam	Per Cft	337.00	300	101,100
	2) Ratio (1:1-1/2:3) (Page No. 16, Item No. 6(a)II) Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	55	19,195


 PROJECT DIRECTOR
 REHAUSATION OF HOSPITALS
 SINDH



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Item # 32.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Steel Reinforcement				
Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
TQR Steel Page No. 17, Item No. 8-b)	Cwt	5,001.70	45	225,077
Pucca Brick Work in Foundation				
Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6)				
Page No. 20, Item No. 4-l (e)	%Cft	11,948.36	178	21,268
Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
Plain Cement Concrete				
Cement concrete plain including placing, compacting, finishing and curing complete including screening and washing of stone aggregate) without shuttering Ratio 1:3:6				
Page No. 16 Item No. 5-h)				
Situ	%Cft	12,595.00	145	18,263
Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
Vertical Centering for Situ				
Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD)				
Page No. 18 Item No. 19-b-ii)	% Sit	3,127.41	551	17,232
Damp Proof Course				
2" thick Damp Proof Course with cement sand and single concrete 1:2:4 including 2 coats of asphaltic mixture.				
Page No. 19, Item No. 28/b)	%Sft	3,912.85	150	5,869
Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				


 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 3 2 1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	350	2,723
15	FLOORING				
151	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,654.00	470	12,615
152	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	309	38,919
153	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge (Page No 38, Item # 38)	P.Sft	10.70	765	8,186
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					711,015

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



[Signature]
 PROJECT SUPERVISOR
 REHABILITATION OF HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Unierkot
 S.B Head # 3.2.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS				MORQUE HOUSE	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level	P. Bag	25/-	200	5000/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					5000/-

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 DEPARTMENT OF HOSPITALS

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle ½" to ¼" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	224	75,488
	b) Slab / Projections	Per Cft	337.00	550	185,350
	c) Window Sill	Per Cft	337.00	10	3,370
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	438	152,862
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	60	300,102
3	Pucca Brick Work in Super Structure				
3.1	Pacca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-1(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	820	103,930

PROJECT DIRECTOR
REHAB:DHQ & HOSPITALS,
SINOH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	MORGUE HOUSE	
				QTY	AMOUNT
4 PLASTERING					
4.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	4,197.52	935	20,547
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	2,466	74,369
4.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	2,320	69,966
5 FLOORING					
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No. 47, Item No. 60)				
a)	Flooring	%Sft	30,509.77	75	22,882
b)	Dado	%Sft	30,509.77	302	92,140
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)				
		Per Sft	567.49	776	440,364

[Signature]
 PROJECT DIRECTOR
 PLEASANT HOSPITALS
 2012



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	MORQUE HOUSE		
			RATE	QTY	AMOUNT
5.3	<p>Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-l)</p>	Per Sft.	186.04	113	21,023
5.4	<p>2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No. 42, Item No. 16-c) a) for Ramp</p>	%Sft	3,275.50	130	4,258
6	DOORS / WINDOWS				
6.1	<p>Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)</p>	Per Sft	1,507.66	83	125,136
6.2	<p>Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)</p>	Per Sft	1,449.69	126	182,661

[Signature]
 PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	MORQUE HOUSE		
			R - TE	QTY	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	50	3,189
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	128	29,299
6.5	Glazing with glass panes. (24 oz to 26 oz) using putty and deodar wooden 1st class filets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	128	20,651
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No. 60)	Per Rft	49.97	256	12,792
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60 Item No. 20)	Each	408.14	7	2,857
6.8	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c circle shape at 1-0 apart equivalent fitted with screws or pins i/c: painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No. 30)	Per Sft	194.16	126	24,464
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No. 54, Item No. 24-c)	%Sft	1,079.65	935	10,095

PROJECT DIRECTOR
 REGISTRATION HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B)	%Sft	3,444.38	2,466	84,938
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat). (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	2,320	59,576
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat). (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	650	9,419
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	2	1,050
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34-Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	1,000	53,104

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3 2 2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8.3	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including riveted with 3/4"x1/8" iron plate placed diagonally and approved with top & bottom T-section 1"x1"x1/8" along with rollers also w/c locking arrangement and fixing in floor/ceiling or wall ect complete. (Page No.94, Item No.32)	P. Sft	387.04	60	23,222
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					2,209,104

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 KHEBIRGAH HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	MORQUE HOUSE	
				QTY	AMOUNT

- 1 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P. Stt 428/- 20 8500/-
- 2 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer incharge in any floor.

P. Stt 1400/- 165 231000/-
- 3 Providing and fixing hydraulic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.

Each 5200/- 1 5200/-
- 4 Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc. complete in all respect as shown on the drawings and as directed by the Engineer incharge.

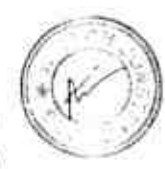
P. Stt 100/- 440 44000/-
- Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.

P. Stt 300/- 140 42000/-



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PROJECT DIRECTOR
 REGISTRATION HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of I.HQ Hosp. at Umarkot
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

MORGUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
----	-------------	------	------	-----	--------

3. Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.

P. S#

175/-

Only Rate required

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Building)



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PROJECT DIRECTOR
 DIVISION OF HOSPITALS
 SINDH

165,700/-

Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level L HQ Hospital at Umerkot
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation P 2h

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	LAUNDRY	
				QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft (Page No 95, Item No. 4-a light)	%Sft	75.83	1,920	1,452
2	Excavation Excavation in foundation of building bridges and other structures including daggelling dressing refilling around structure with excavated earth watering and ramming lead upto 5-0"ft in ordinary soil. (Page No 4, Item No. 18-b)	%Cft	3,176.25	3,905	12,086
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc as per directions of Engineer Incharge. (Page No. 109 Item No 91)	Per Rft	40.10	220	8,822
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall pre construction treatment in slab type construction under the slab and along attached parches or entrance etc, complete as per directions of Engineer Incharge. (Page No. 109 Item No 92)	Per Sft	9.74	1,820	18,701
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No 4, Item No 21)	%Cft	1,512.50	13,150	19,889
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%Cft	3,630.00	4,581	16,629
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard) Considering 900 ft. extra lead. (18 times @ 100.78). (Page No. 2, Item No. 6-b)	%Cft	1,814.04	4,581	8,310

[Signature]
 PROJECT DIRECTOR
 HEALTH SERVICES HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DH Hospital at Umerkot
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plin.

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	LAUNDRY	
				QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,584.00	350	9,394
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,431.28	540	50,848
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
9	(i) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 1/4" gauge (Page No. 16, Item No. 6(a)) a) Foundation / Raft	Per.Cft	337.00	600	202,200
	b) Plinth beam	Per Cft	337.00	553	186,361

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PROJECT DIRECTOR
 HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

LAUNDRY

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	190	66,310
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel [Page No. 17, Item No. 8-b]	Cwt	5,001.70	60	300,102
10	Pucca Brick Work in Foundation Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6) [Page No. 20, Item No. 4-f(e)] <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	95	11,351
11	Plain Cement Concrete Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 [Page No. 16, Item No. 5-h] Situ <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	482	60,708
12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) [Page No. 18, Item No. 19-b-ii]	% Sft	3,127.41	1,285	40,157

[Signature]
 PROJECT DIRECTOR
 REPAIRING & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	QTY	LAUNDRY	
					AMOUNT	
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and single concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	250	9,782	
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	3,723	28,968	
17	FLOORING					
17.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	745	19,996	
17.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	500	62,975	
17.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P. Sft	10.70	1,100	11,770	
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					-	1,146,841

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)

PROJECT DIRECTOR
 GENERAL & HQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	LAUNDRY	
				QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level	P. Bag	250	250	6250/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM:					6250/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 RICHARDSON HOSPITALS
 KARACHI

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DRQ Hospital at Umerkot
 Sub Head # 3 3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	LAUNDRY	
				Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle).				
	(a) R.C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects:				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft.	337.00	570	192,090
	b) Slab / Projections	Per Cft.	337.00	940	316,780
	c) Walls	Per Cft.	337.00	80	26,960
	d) Window Sill	Per Cft.	337.00	10	3,370
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)(i)] Columns above plinth level	Per Cft.	349.00	250	87,250
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt.	5,001.70	85	425,145
3	Pucca Brick Work in Super Structure Pucca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-(e)]				
	a) 9 inch thick wall	%Cft.	12,674.36	1,541	195,312
	b) 4-1/2 thick wall	%Cft.	12,674.36	100	12,674

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PROJECT DIRECTOR
 PUNJAB & SINDH HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to 1st level of DHQ Hospital at Umerkot
 Sub Head # 3 3 2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Qty	LAUNDRY
					AMOUNT
4 PLASTERING					
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 1/2" thick (Ceiling) (Page No. 52, Item No. 11-a)	% Sft	2,197.52	1,450	31,864
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	% Sft	3,015.76	4,162	125,516
4.3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	% Sft	3,015.76	3,500	105,552
5 FLOORING					
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curring, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-i)	Per Sft	188.04	60	11,162
6 DOORS / WINDOWS					
6.1	Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)	Per Sft	1,507.66	83	125,136
6.2	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	202	292,837


 PROJECT DIRECTOR
 REHAU, DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to Level of DHQ Hospital at Umerkot
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	LAUNDRY	
				Qty	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminium sheet on door pasted with glue as per requirement (Page No. 66, Item No. 61)	Per Sft	63.77	150	9,566
6.4	G.I Door Frame Providing & fixing G.I frames/chupkhat of size 7" x 2" or 4-1/2" x 3" for door using 26 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of 1:6 ratio and repairing the jambs The cost also i/c all carriage, tools and plants used in making and fixing (Page No. 93, Item No. 29)	Per Rft	228.90	180	41,202
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class filets (in fan light over door, etc) (Page No. 64, Item No. 46)	Per Sft	163.90	285	46,712
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge (Page No. 66 Item No. 60)	Per Rft	49.97	355	17,739
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60 Item No. 20)	Each	408.14	10	4,081
6.8	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron path of 1/4" x 1/4" i/c circle shape at 1-0 apart equivalent fitted with screws or pins i/c painting 3 coats with 1st coat of red oxide paint etc. (Page No. 64, Item No. 30)	Per Sft	194.16	202	39,220
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No. 54, Item No. 24-c)	%Sft	1,079.65	1,450	15,655

PROJECT DIRECTOR
 REHABILITATION OF HOSPITALS,
 SINDH



Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of The Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2013)

S #	DESCRIPTION	UNIT	RATE	LAUNDRY	
				Qty	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc complete on New surface (including 2nd & subsequent coat) (Page No. 55, Item No 35-A + B + B)	%Sft	3,444.38	4,162	143,355
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No. 56 Item No 38-A + B + B)	%Sft	2,567.95	4,225	108,496
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No. 73, Item No 31-A + B + B)	%Sft	1,449.14	785	11,376
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras (Page No. 19 Item No. 27)	Each	524.98	2	1,050
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	1,745	92,668

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PROJECT DIRECTOR
 RAJASTHAN HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Limerkot
 Sub-Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	LAUNDRY	
				Qty	AMOUNT
8.3	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including riveted with 3/4"x1/8" iron patti placed diagonally and approved with top & bottom T-section 1"x1"x1/8" along with rollers also w/c locking arrangement and fixing in floor/ceiling or wall ect complete (Page No.94 Item No.32)	sq.ft	387.04	126	48,767
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					2,531,532

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



[Handwritten Signature]
 PROJECT DIRECTOR
 HOSPITALS
 Sindh

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THC Hospital - the level of DHQ Hospital at Umar Kot
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	LAUNDRY	
				Qty	AMOUNT

- 1 Providing and laying polished porcelain tiles (all body) 16"x16" or 20"x20" on floor or on wall required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.
 - a) size 16" x 16" on floor. P. Stt 175/- 1520 296400/- ✓
 - c) 4" high skirting P. Stt 250/- 217 54250/- ✓
- 2 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor. P. Stt 425/- 150 63750/- ✓
- 3 Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer incharge at any floor.
 - a) For Vanity wash basin / pantry P. Stt 1000/- 20 20000/- ✓

fw

PROJECT DIRECTOR
 DHQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNI	RATE	LAUNDRY	
				Qty	AMOUNT

- | | | | | |
|--|--------|--------|--------------------|------------|
| <p>4. Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer incharge in any floor.</p> | P. Sft | 1400/- | 280 | 364000/- ✓ |
| <p>5. Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer incharge.</p> | Each | 5200/- | 1 | 5200/- ✓ |
| <p>6. Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer incharge.</p> | P. Sft | 100/- | 960 | 96000/- ✓ |
| <p>7. Providing and laying 1-1/2" to 2" thick precast coping using screened graded bairn 3/4" and down gauge 1-2-4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.</p> | P. Sft | 300/- | 300 | 90000/- ✓ |
| <p>8. Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.</p> | P. Sft | 175/- | Only Rate required | ✓ |



TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	729600/- ✓
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This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of UH Hospital at Umerkot
 Sub Head # 3 4 1 Ancillary Building - Civil Works - Foundation Plan

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	QTY	MASJID
					AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No 95, Item No. 4-a light)	%Sft	5.63	4,750	3,592
2	Excavation Excavation in foundation of building bridges and other structures including daggeling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft in ordinary soil. (Page No 4, Item No 18-b)	%OCft	3,176.25	8,413	26,722
3	Termite Proofing Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachiar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer-Incharge (Page No 109 Item No 91)	Per Rft	40.10	275	11,028
32	Providing Anti-termite by Neptachiar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc. complete as per directions of Enginner Incharge (Page No.109 Item No 92)	Per Sft	9.74	4,730	46,070
4	Back Filling Surplus Earth Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No 21)	%OCft	1,512.50	28,500	43,108
5	Earth Filling outside Earth Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and litt upto 5 ft. (Page No. 4, Item No 22)	%OCft	3,630.00	14,123	51,268
52	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard) Considering 900 ft extra lead. (18 times @ 100.78) (Page No. 2, Item No 8-b)	%OCft	1,814.04	14,123	25,620



OR

Name of Client: *Masjid Ahle Sunnat & Jamaat Ahle Sunnat*
 Name of Project: *Construction of Masjid Ahle Sunnat & Jamaat Ahle Sunnat*
 No. Head # 34: *Foundation*

CIVIL WORK - (CSR-2012)

M 25.17

Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	550	14,762
Plain Cement Concrete General concrete brick or stone ballast 1-1/2" to 2" Grade Ratio 1:4:8 (Page No. 15, Item No. 4-b)	%Cft	9,416.28	1,044	98,306

Note: S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.

REINFORCED CEMENT CONCRETE

Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and cutting which will be paid separately. This rate includes all kind of forms moulds, lifting, curing rendering and finishing the exposed surface (including screening and washing).

Work in Roof Slab, beams, columns, raft, and other structural members laid in situ or cast in position complete in all respects.

Note: S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.

Ratio (1:2:4) 90 Lbs. Cement 2 Cft.
 4 Cft. Shingle 1/2" to 3/4" gauge
 (Page No. 15, Item No. 6(a))
 Foundation / Raft

Per Cft	337.00	1,470	495,390
Per Cft	337.00	1,046	352,502

[Handwritten Signature]



PROJECT DIRECTOR
 REINFORCED & HQ HOSPITAL
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital, to the level of Hospital at Umerkot
 Sub Head # 3.4.1: Ancillary Building - Civil Works - Foundation

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	QTY	MASJID
					AMOUNT
82	(II) Ratio (1:1-1/2:3) (Page No. 16, Item No. 6(a)(i)) Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	422	147,278
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	135	575,230
10	Pucca Brick Work in Foundation Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6) (Page No. 20, Item No. 4-i (e)) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	3,200	382,348
11	Plain Cement Concrete Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 (Page No. 16 Item No. 5-h) Situ <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%CR	12,595.00	221	27,835
12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) (Page No. 18 Item No. 19-b-ii)	% Sf	3,127.41	500	15,637

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PROJECT DIRECTOR
 HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 3 4 1: Ancillary Building - Civil Works - Foundation Plan

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	MASJID
					AMOUNT
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 78/b) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	RSq	3,912.85	523	20,464
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sq	778.09	7.161	55,719
15	FLOORING				
151	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	2,242	60,175
152	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-n) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Cft	12,595.00	1,553	195,600
153	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing, as per specification and instruction of Engineer incharge. (Page No. 38, Item # 38)	P.Sq	10.70	2,950	31,565
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					2,780,215

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)

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FOR
HOSPITALS,
SINDH



Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level DHO Hospital at Umarkot
 Sub Head # 3 4 1: Ancillary Building - Civil Works - Foundation (Firm)

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	MASJID
					AMOUNT
1	Extra for Using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Firm level.	P. Bag	25/-	530	13250/- ✓
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEMS					13250/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of III Hospital at Umerkot
 Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

Sl. No.	DESCRIPTION	UNIT	RATE	Qty	MASJID
					AMOUNT
Reinforced Cement Concrete					
Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting shuttering during rendering and finishing the exposed surface (including screening and washing of shingle)					
a) R.C. Work in Roof Slab, Beams, Columns, lintels and other structural members laid in situ or precast and cast in situ complete in all respects					
(i) Ratio (1:2:4) 90 nos. Cement 1 CF Sand 4 Cft. Shingle 1/2" to 1/4" 23-25					
[Page No. 16, Item No. 6(a)i]					
	a) Beams / Lintels	Per Cft	337.00	912	307,344
	b) Slab / Projections	Per Cft	337.00	3,850	1,297,450
	e) Window Sill	Per Cft	337.00	10	3,370
12	(ii) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)ii] Columns above plinth level	Per Cft	349.00	954	332,946
2 Steel Reinforcement					
Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)					
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	275	1,375,468
3 Pucca Brick Work in Super Structure					
3.1	Pucca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-l(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	2,470	313,057
	b) 4-1/2 thick wall	%Cft	12,074.36	25	3,169

[Handwritten Signature]

PROJECT DIRECTOR
 UMERKOT & THQ HOSPITALS
 SINDH



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of HQ Hospital at Umerkot
 # 3.4.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

DESCRIPTION	UNIT	RATE	Qty	MASJID
				AMOUNT
Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	740	167,255
PLASTERING Cement Sand Plaster 1:4 upto 12' height 1/2" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	4,443	97,636
Cement Sand Plaster 1:4 upto 12' height 3/4" thick (Internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	7,405	223,317
Cement Sand Plaster 1:4 upto 12' height 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	4,918	148,315
MORING Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)	Per Sft	567.48	4,635	2,630,270
Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" in dado skirting and facing removal of existing plaster surface etc. Laying 1/2" thick base of cement mortar 1:2 including the joints and wearing the floor with cement skirting including rubbing, polishing etc. complete for new work. (Page No. 45 Item No. 35)	Per Sft	122.24	470	57,672
8 DOORS / WINDOWS 6.1 Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles, stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)	Per Sft	1,507.66	288	434,206

[Signature]
 PROJECT DIRECTOR
 DEPARTMENT OF THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of T-2 Hospital to the level of D-2
 Sub Head # 3.4.2: Andhra Pradesh - 2. Work - Ground Floor

at 25/10/2012

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Qty	MASJID	
					AMOUNT	
Aluminium Sliding Windows						
6.2	Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze) (Page No. 105, Item No. 65-b)	Per Sft	1,449.69	571		827,773
6.3	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge C.I. sheet w/c welded hinges and fixing at site with necessary hold fasts filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also w/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	165		37,769
6.4	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	860		140,954
6.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge (Page No 66 Item No 60)	Per Rft	49.97	328		16,390
6.6	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface (Page No. 60 Item No 20)	Each	408.14	8		3,265
6.7	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 1/2" x 1/4" w/c circle shape at 1-0" apart equivalent fitted with screws or pins w/c painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No. 30)	Per Sft	194.16	571		110,865

PROJECT DIRECTOR
 RAJINDRA SINGH HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Head # 3.4.2: Ancillary Building - Civil Works - Ground floor

CIVIL WORK - (CSR-2012)

Sl. No.	DESCRIPTION	UNIT	RATE	Qty	MASJID
					AMOUNT
PAINTING WORKS					
11	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54, item No 24-c)	%Sft	1,679.65	4,443	47,969
12	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zinc/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc,complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 26-A + B + B)	%Sft	3,444.38	7,405	255,056
13	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 item No 38-A + B + B)	%Sft	2,567.95	4,920	125,343
14	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, item No 31-A + B + B)	%Sft	1,449.14	1,337	19,375
MISCELLANEOUS					
15	Reinforced cement concrete spout including fixing in position with top and bottom khuras (Page No. 19 Item No.27)	Each	524.98	2	1,050
16	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement-sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	4,540	241,090

[Signature]
 PROJECT DIRECTOR
 RAJAKHOTI HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 SA Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

Sl. No.	DESCRIPTION	UNIT	RATE	Qty	MASJID	
					AMOUNT	
13	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including riveted with 3/4"x1/8" iron pattl placed diagonally and approved with top & bottom T-section 1"x1"x1/8" along with rollers also w/c locking arrangement and fixing in floor/ceiling or wall ect complete. (Page No 94 Item No.32)	P. Sft	337.04	416		151,009
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM						9,380,382

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)




Name of Client: Health Department, Government of India
 Name of Project: Upgradation of TMC Hospitals to the level of EMQ HOSPT. at Umherkot
 Sub Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

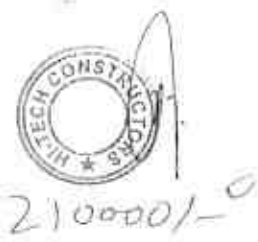
S#	DESCRIPTION	UNIT	RATE	QTY	MASJID
					AMOUNT

- 1 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.
 P. Sft 425/- 190 80750/- ✓

- 2 Providing and making counters for following use comprising of 2" thick RCC slab, 2" wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.
 a) For Vanity wash basin / pantry
 P. Sft 1000/- 20 20000/- ✓

- 3 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying -solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.
 P. Sft 1400/- 150 210000/- ✓

- 4 Providing and fixing hydrolic door closer (Rayobil of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.
 Each 5200/- 8 41600/- ✓



Handwritten Signature
 PROJECT DIRECTOR
 SHARADIA & TMC HOSPITALS,
 SIKRI



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RAT	QTY	MASJID
					AMOUNT

- | | | | | | |
|---|---|--------|-------|-------|------------------------|
| 5 | Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor; steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer incharge. | P. Sft | 100/- | 1,025 | 102500/- ✓ |
| 6 | Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer. | P. Sft | 300/- | 285 | 85500/- ✓ |
| 7 | Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc complete as per drawings and as directed by the Engineer in any floor. | P. Sft | 175/- | | Only Rate required - ✓ |

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	• 390350/-
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This Amount shall be carried over to sub-summary of Civil Works (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 REHABILITATION OF HOSPITALS,
 SINDH

Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Item # 3.5.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

ABLUTION AREA

DESCRIPTION	UNIT	RAT.	QTY	AMOUNT
Earth Work				
1. Single Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%LSR	75.3	722	546
Excavation:				
Excavation in foundation of building bridges and other structures including daggeling dressing setting around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil (Page No.4, Item No. 18-b)	%OCft	3,176.25	1,940	6,162
Termite Proofing				
1. Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge (Page No.109 Item No.91)	Per Rft	40.10	100	4,010
2. Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc. complete as per directions of Enginner Incharge (Page No.109 Item No.92)	Per Sft	9.74	575	5,601
Back Filling Surplus Earth				
1. Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%OCft	1,512.50	1,330	2,012
Earth Filling outside Earth				
1. Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft (Page No. 4, Item No. 22)	%OCft	3,630.00	1,893	6,872
2. Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard) Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 5-b)	%OCft	1,814.04	1,893	3,434

[Signature]
 PROJECT DIRECTOR
 DHQ & CHQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3 5.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

ABLUTION AREA

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6 Stone filling dry hand packed as filling under foundation (Page No. 31, Item No. 16)	Sqft	2,684.00	170	4,563
7 Plain Cement Concrete Cement concrete brick or stone ballast 1 1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	Sqft	9,416.28	286	26,931
8 REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle)				
a) R.C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
21 (i) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 3/4" gauge (Page No. 16, Item No. 6(a))				
a) Foundation / Raft	Per Cft	337.00	371	125,027
b) Plinth beam	Per Cft	337.00	181	60,997

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 PROJECT DIRECTOR
 REHABILITATION OF HOSPITALS,
 SINDH



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital, Jherkot
 Item #35.1: Ancillary Building - Civil Works - Foundation/Plinth

CIVILWORK - (CSR-2012)

ABLUTION AREA

DESCRIPTION	UNIT	RATE	ABLUTION AREA	
			QTY	AMOUNT
<p>Ratio (1:1-1/2:3) Page No. 16, Item No. 6(a)(i) Columns upto plinth level Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</p>	Per Ch	349.00	72	25,128
<p>Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)</p>				
<p>TOR Steel Page No. 17, Item No. 8-b)</p>	Cwt	5,001.78	30	150,051
<p>Pucca Brick Work in Foundation Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6) Page No. 20, Item No. 4-I (e) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</p>	%Ch	11,948.36	95	11,351
<p>Plain Cement Concrete Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 Page No 16 Item No.5-h) Situ Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</p>	%Ch	12,595.00	115	14,484
<p>Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) Page No 18 Item No. 19-b-ii)</p>	%SR	3,127.41	510	15,950

[Signature]
 MANAGER
 HOSPITALS,
 SINDH



Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHC Hospital at Umerkot
 Sub Head # 3 5 1: Ancillary Building - Civil Works - Foundation/Plinth

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				QTY	AMOUNT
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture (Page No. 19, Item No. 28/b) <i>Note:</i> Use S.R. cement for work upto plinth level. Difference in cost for using S.R. cement will be paid separately.	%Sft	3,911.85	90	3,522
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface (Page No. 71, Item No. 9)	%Sft	778.09	300	2,334
17	FLOORING				
171	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	300	8,052
172	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> Use S.R. cement for work upto plinth level. Difference in cost for using S.R. cement will be paid separately.	%Cft	12,595.00	628	79,097
173	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge (Page No. 35, Item # 38)	P Sft	10.70	610	6,527
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					562,648

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 HEADQUARTERS & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DRQ Hospital at Unkerkot
 Sub Head # 3 5 1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	25/-	120	3000/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					• 3000/-

This Amount shall be carried over to sub-summary of Civil Work. (Ancillary Buildings)

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.5.2 Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(i) Ratio (1:2:4) 90 Lbs. Cement 2 Cft Sand 4 Cft. Shingle 1/2" to 3/4" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	202	68,074
	b) Slab / Projections	Per Cft	337.00	320	107,840
	c) Window Sill	Per Cft	337.00	10	3,370
	d) Walls (OHT)	Per Cft	361.10	135	48,749
	e) Base Slab (OHT)	Per Cft	361.10	214	77,275
1.2	(ii) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] + [Page No. 17, Item No. 6(d)]				
	a) Columns	Per Cft	361.10	88	31,777
	b) Walls (OHT)	Per Cft	361.10	135	48,749
	c) Base Slab (OHT)	Per Cft	361.10	214	77,275
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	35	175,060
2	Pucca Brick Work in Super Structure Pucca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-(e)]				
a)	9 inch thick wall	%Cft	12,674.30	633	80,229
b)	4-1/2 thick wall	%Cft	12,674.36	215	27,250


 PROJECT DIRECTOR
 REPAIR, DHR & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of THQ Hospital at Umerkot
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

ABLUTION AREA

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
3	PLASTERING				
3.1	Cement Sand Plaster 1:4 upto 12' height (a). 1/2" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,97.52	480	10,548
3.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (Internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,011.78	1,000	30,158
3.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.78	3,156	95,177
4	FLOORING				
4.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No. 47, Item No. 60)				
a)	Flooring	%Sft	30,509.77	575	175,431
b)	Dado	%Sft	30,509.77	1,309	399,373
4.2	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No. 42, Item No. 16-c)				
a)	for O.H.T)	%Sft	3,275.50	426	13,954
5	DOORS / WINDOWS				
5.1	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete. Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	15	21,745

[Signature]
 PROJECT INSPECTOR
 HEALTH DEPARTMENT HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.5.2 Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

ABLUTION AREA

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
5.2	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No- 66, Item No. 61)	Per Sft	63.77	30	1,913
5.3	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also l/c all carriage, tools and plants used in making and fixing (Page No. 93, Item No. 29)	Per Rft	228.90	100	22,890
5.4	Glazing with glass panes (24 oz to 28 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	15	2,459
5.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No 66 Item No. 60)	Per Rft	49.97	200	9,994
5.6	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 3/4" x 3/4" placed at 4" c/c and frame of flat iron pattl of 3/4" x 1/4" i/c circle shape at 1-0 apart equivalent fitted with screws or pins i/c painting 3 coats with 1st coat of red oxide paint etc. (Page No. 64, Item No. 30)	Per Sft	194.16	15	2,912
6	PAINTING WORKS				
6.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No. 54, Item No 24-c)	%Sft	1,079.65	480	5,182

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 PROJECT DIRECTOR
 UPGRADATION OF THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Larkor
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				Qty	AMOUNT

52 Matt Finish Paint

Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick.) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc complete on New surface (including 2nd & subsequent coat).

(Page No.55, Item No.36-A + B + B)

sq.ft 3,444.38 200 26,177

53 Weather Coat

Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat)

(Page No.56 Item No.38-A + B + B)

sq.ft 2,567.66 2,180 56,238

54 Enamel Painting

Preparing the surface and painting with enamel paint (including 2nd & subsequent coat)

(Page No.73, Item No.31-A + B + B)

sq.ft 1,449.14 260 3,768

7 MISCELLANEOUS

1 Reinforced cement concrete spout including fixing in position with top and bottom khuras

(Page No. 19 Item No.27)

Each 824.88 2 1,650

Single layer of tiles 9" x 4-1/2" x 2" laid over a 1" mud plaster without BRICKS glazed with cement sand 1:3 or top of floor slab 2" or 2" thick

34 lbs. Brown roofing felt

sq.ft 1,542.25 58 2,382

Providing and fixing 100 mesh galvanized iron wire netting on ceiling 2' x 2' x 1/2" thick including 5000 sq. ft. of 1/2" thick galvanized iron wire netting on ceiling 2' x 2' x 1/2" thick including 5000 sq. ft. of 1/2" thick galvanized iron wire netting on ceiling 2' x 2' x 1/2" thick including 5000 sq. ft. of 1/2" thick galvanized iron wire netting on ceiling 2' x 2' x 1/2" thick

sq.ft 1,542.25 58 2,382

PROJECT DIRECTOR
 HEALTH DEPARTMENT HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				Qty	AMOUNT
7.4	Providing C.I Manhole cover & frame w/c cost of material ect(Page No.35 Item No.J-1)	Cwt.	6,985.00	1	6,985
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					1,698,675

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



[Handwritten Signature]
PROJECT DIRECTOR
FCHEP-DHQ & THQ HOSPITALS,
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of HQ Hospital at Umerkot
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

ABLUTION AREA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1. Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P. Stt 425/- 150 63750/- ✓

2. Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P. Stt 1400/- 109 152600/- ✓



3. Providing and fixing approved quality Bath Latch.

Each 500/- 6 3000/- ✓

4. Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc. complete in all respect as shown on the drawings and as directed by the Engineer Incharge.

P. Stt 100/- 620 62000/- ✓

5. Providing and laying 1-1/2" to 2" thick precast coping using screened graded bairn 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.

P. Stt 300/- 115 34500/- ✓

[Handwritten Signature]

PROJECT DIRECTOR
 REHABILITATION OF HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hosp. at Umerkot
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				QTY	AMOUNT

5 Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.

P. St 175/- Only Rate required

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	• 206850/-
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* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 HOSPITALS



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Item # 3.6.1: Ancillary Building - Civil Works - Foundation-Plinth

CIVILWORK - (CSR-2012)

CAFETERIA

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Earth Work				
Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	RSR	75.63	5,000	3,782
Excavation				
Excavation in foundation of building bridges and other structures including daggballing dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No. 18-b)	%Cft	3,176.25	7,691	24,429
Termite Proofing				
Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft.	40.10	300	12,030
Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc complete as per directions of Engineer Incharge. (Page No.109 Item No.92)	Per Sq.	9.74	5,000	48,700
Back Filling Surplus Earth				
Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft. (Page No.4, Item No.21)	%Cft	1,512.50	4,300	6,504
Earth Filling outside Earth				
Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No.4, Item No.22)	%Cft	3,630.00	11,663	42,337
Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard) Considering 900 ft. extra lead (18 times @ 100.75) (Page No.2, Item No.8-b)	%Cft	1,814.04	11,663	21,157

[Signature]
 PROJECT DIRECTOR
 UMERKOT HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Un: 1401
 Sub Head # 3.6 1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation (Page No 31, Item No. 16)	%Cft	2,584.00	656	17,607
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	1,100	103,579
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>				
11	(i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge (Page No. 16, Item No. 6(a))				
a)	Foundation / Raft	Per Cft	337.00	1,213	408,781
b)	Plinth beam	Per Cft	337.00	1,043	351,491

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 PROJECT DIRECTOR
 HOSPITALS & THQ HOSPITALS,
 SINDH



Client: Health Department, Government of Jharkhand
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)				CRITERIA
DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Ratio (1:1-1/2:3)				
Page No. 16, Item No. 6(a)iii				
Columns upto plinth level	Per Cft	349.00	231	80,619
<i>Note:</i> Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
Steel Reinforcement				
Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
RCR Steel				
Page No. 17, Item No. 8-b)				
	Cwt	5,001.70	125	625,213
Pucca Brick Work in Foundation				
Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6)				
Page No. 20, Item No. 4-I (e)				
	%Cft	11,948.36	800	95,587
<i>Note:</i> Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
Damp Proof Course				
2" thick Damp Proof Course with cement sand and single concrete 1:2:4 including 2 coats of asphaltic mixture.				
Page No. 19, Item No. 2B/b)				
	%Sft	3,912.85	522	20,425
<i>Note:</i> Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
Bitumen Coating				
Bitumen coating to plastered and cement concrete surface				
(Page No. 71, Item No. 9)				
	%Sft	778.09	5,360	41,861
FLOORING				
Stone filling dry hand packed as filling under flooring.				
(Page No. 31, Item No. 16)				
	%Cft	2,684.00	1,854	49,761

[Signature]
 PROJECT DIRECTOR
 POWER, DHQ & THQ HOSPITALS
 SINHU



Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Item # 36.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

CAFÉ AREA

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
<p>CC 1:3:6 (Sub Floor) Cement concrete plain including placing, compacting, finishing and curing complete including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 15, Item No. 5-h)</p> <p>Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</p>	%Ch	12,595.00	1,225	154,789
<p>Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)</p>	P Sft	10.70	2,006	21,464
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				2,129,615

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



[Handwritten Signature]
 PROJECT DIRECTOR
 CIVIL WORKS - HOSPITALS
 SINDH

Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Unkot
 # 3.5.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P Bag	25/-	150	11250/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				11250/-

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 HEALTH & THQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHC Hospital at Umerkot
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 3/4" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	893	300,941
	b) Slab / Projections	Per Cft	337.00	2,284	769,708
	e) Window Sill	Per Cft	337.00	10	3,370
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	245	85,505
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	160	800,272
3	Pucca Brick Work in Super Structure				
3.1	Pucca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-I(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	2,514	318,633
	b) 4-1/2 thick wall	%Cft	12,674.36	514	65,146

PROJECT DIRECTOR
 PAKISTAN GOVT HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CAFETERIA

CIVIL WORK - (CSR-2012)

#	DESCRIPTION	UNIT	RATE	Qt	AMOUNT
4 PLASTERING					
41	Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	3,513	77,858
42	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	7,441	224,403
43	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	4,500	135,709
5 FLOORING					
5.1	Glazed Tile Floor / Dado Providing and laying tile, glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tries to proper profile. (Page No. 47, Item No. 6/3)				
a)	Flooring	%Sft	30,509.77	186	5,675
b)	Dado	%Sft	30,509.77	660	201,364
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints: (Page No. 43, Item No. 28-a)	Per Sft	567.48	336	190,673

[Handwritten Signature]
 DIRECTOR
 HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umrkot.
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor.

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	CAFETERIA	
				Qty	AMOUNT
5.3	<p>Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-i)</p>	Per Sft	186.04	55	10,232
5.4	<p>2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels (Page No 42, Item No.16-c) a) for Ramp</p>	%Sft	3,275.00	150	4,913
6.	DOORS / WINDOWS				
6.1	<p>Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers etc complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)</p>	Per Sft	1,507.66	100	150,766
6.2	<p>Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)</p>	Per Sft	1,449.69	300	434,907



PROJECT DIRECTOR
 HEALTH DEPARTMENT, THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Mirkerol
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	50	3,189
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet 1/2 welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also 1/2 all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	235	53,792
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class filets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	300	49,170
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No. 60)	Per Rft	49.97	470	23,486
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60 Item No. 20)	Each	406.14	7	2,857
6.8	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron part of 3/4" x 1/4" 1/2 circle shape at 1-0 apart equivalent fitted with screws or pins 1/2 painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No. 30)	Per Sft	104.00	300	50,248
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No. 54, Item No. 24-c)	%Sft	1,079.65	3,543	38,252

for
 DIRECTOR
 GOVERNMENT HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sri Lanka
 Name of Project: Upgradation of THQ Hospital to the 1st fl of DHQ Hospital at Umerkot
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

CAFETERIA

S#	DESCRIPTION	UNIT	R. TE	Qty	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint 1/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat) (Page No 55, item No 36-A + B + B)	%Sft	3,444.38	7,441	256,296
7.3	Weather Coat Preparing the surface and painting with weather coat 1/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	4,500	115,558
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No 73, Item No 31-A + B + B)	%Sft	1,449.14	1,000	14,491
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras (Page No. 19 Item No 27)	Each	524.98	4	2,100
8.2	Single layer of tiles 8" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded	%Sft	5,310.35	4,320	229,407

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PROJECT SUPERVISOR
 HEALTH DEPARTMENT HOSPITALS,
 COLOMBO



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	CAFETERIA		
			RATE	Qty	AMOUNT
8.3	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including riveted with 3/4"x1/8" iron patti placed diagonally and approved with top & bottom T-section 1"x1"x1/8" along with rollers also i/c locking arrangement and fixing in floor/ceiling or wall ect complete. (Page No 94 Item No.32)	P.Sft	387.04	160	69,667
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					4,748,883

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 PUNJAB-DHQ & THQ HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Mirpurkhas
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1 Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1/2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.

a) size 16" x 16" on floor

P. Sft

195/-

3,687

718965/- ✓

b) size 20" x 20" on floor

P. Sft

200/-

✓

c) 4" high skirting

P. Sft

250/-

287

71750/- ✓

2 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1/2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P. Sft

425/-

110

46750/- ✓

3 Providing and making counters for following use comprising of 2" thick RCC slab 2" wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1/4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1/3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Sft

1000/-

336

336000/- ✓

[Handwritten Signature]

PROJECT DIRECTOR
 BEHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	CAFETERIA	
				QTY	AMOUNT

4	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent); and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.	P. Stt	1400/-	185	259000/-
5	Providing and fixing approved quality Bath Latch.	Each	500/-	4	2000/-
6	Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	5200/-	2	10400/-
7	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Stt	100/-	960	96000/-
8	Providing and laying 1-1/2" to 2" thick precast coping using screened graded baji 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P. Stt	300/-	200	60000/-



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umarkot
 Item Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
----	-------------	------	------	-----	--------

3 Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.

P. St

175/-

Only Rate required

✓

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM

• 1415865/-

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



PROJECT DIRECTOR
 HEALTH DEPT. & HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 LO Head # 3.7.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

PARKING SHED

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No 95, Item No. 4-a light)	%Sft	75.63	800	605
2	Excavation Excavation in foundation of building bridges and other structures including dogbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft in ordinary soil. (Page No 4, Item No.18-b)	%0Cft	3,176.25	1,128	3,576
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc as per directions of Engineer Incharge (Page No.109 Item No.91)	Per Rft	40.10	115	4,612
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall pre construction treatment in slab type construction under the slab and along attached perches or entrance etc complete as per directions of Engineer Incharge (Page No.109 Item No.92)	Per Sft	9.74	800	7,792
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	830	1,256
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	2,514	9,126
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard) Considering 900 ft extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,514.04	2,514	4,560

[Signature]
 PROJECT DIRECTOR
 GROUPS AND HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Larkot
 Sub Head # 3 6 1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	PARKING SHED	
				QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation (Page No. 31, Item No. 16)	%Cft	2,684.00	60	1,610
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio 1:4:8 (Page No. 15, Item No. 4.b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,418.28	127	11,959
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
81	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft Sand 4 Cft. Shingle 1/4" to W" gauge (Page No. 16, Item No. 6(a))				
a)	Foundation / Raft	Per Cft	337.00	205	69,085
b)	Plinth beam	Per Cft	337.00	50	16,850



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of GHU Hospital at Umerkot
 Head # 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

PARKING SHED

#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	(iii) Ratio (1:1-1/2:3) (Page No. 16, Item No. 6(a)iii) Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Ch	349.70	57	15,893
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	15	75,026
10	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28(b)) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.95	25	978
11	FLOORING				
11	Stone filling dry hand packed as filling under flooring (Page No. 31, Item No. 16)	%Ch	2,684.00	415	11,139
12	CC 1:3:6 (Sub Floor) Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-t) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Ch	12,595.00	365	45,972

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PROJECT DIRECTOR
REHABILITATION & THQ HOSPITALS
SINDD



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital - Jinnahkot
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

PARKING SHED

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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11.3 Polythene Sheet

Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge

(Page No 38, Item # 38)

P. Sft.	10.70	321	3,436
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TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	287,473
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This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)


 PROJECT DIRECTOR
 HEALTH & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital - Umerkot
 Sub Head # 3 B 1: Ancillary Building - Civil Works - Foundation, Plinth

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	PARKING SHED	
				QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level	P. Bag	5/-	55	1375/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEMS					1375/-

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



[Handwritten Signature]

PROJECT DIRECTOR
 THQ HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of (1) Hospital at Chmerkot
 Sub Head # 3.7.1: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

PARKING SHED

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and re-labour for tending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 3/4" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft.	337.00	146	49,202
	b) Slab / Projections	Per Cft.	337.00	419	141,203
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 8(a)] Columns above plinth level.	Per Cft.	349.00	71	24,779
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt.	5,001.70	31	155,053
3	PLASTERING				
3.1	Cement Sand Plaster 1:4 upto 12' height (a) 3/8" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	630	18,239
3.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	330	9,952

Am

PROJECT DIRECTOR
REHABILITATION & NEW HOSPITALS
SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 371: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

PARKING SHED

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
4	FLOORING				
4.1	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No-42, Item No.16-c)				
a)	in floor (plain)	%Sqft	3,275.50	1,050	34,393
5	PAINTING WORKS				
5.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No 54, item No 24-c)	%Sqft	1,079.95	830	8,961
5.2	Weather Coat Preparing the surface and painting with weather coat /c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No 38-A + B + B)	%Sqft	2,587.95	330	8,474
6	MISCELLANEOUS				
6.1	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sqft	5,310.35	800	42,483
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	492,739

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Fr
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ HOSP. F. Umerkot
 Sub Head # 3.7.1: Ancillary Building - Civil Works - Ground Floor.

CIVIL WORK - NON-SCHEDULE ITEMS

PARKING SHED

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
----	-------------	------	------	-----	--------

1. Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc. complete in all respect as shown on the drawings and as directed by the Engineer Incharge.

P. Sfr 100/- 100 10000/-

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM

10000/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



[Handwritten Signature]

REGIONAL DIRECTOR
 HEALTH AND HOSPITALS,
 SINDH

Local Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at M. Jark
 Head # 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

SUB STATION

Sl	DESCRIPTION	UNIT	RATE	QT	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	1.40	1,059
2	Excavation Excavation in foundation of building bridges and other structures including dewatering dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No-4, Item No 18-b)	%0Cft	3,176.25	3.400	10,799
3	Termite Proofing 11 Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	150	6,418
12	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall pre construction treatment in slab type construction under the slab and along attached perches or entrance etc. complete as per directions of Engineer Incharge. (Page No.109 Item No.92)	Per Sft	9.74	1,400	13,636
4	Back Filling Surplus Earth 11 Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft. (Page No.4, Item No.21)	%0Cft	1,512.50	2,100	3,176
5	Earth Filling outside Earth 11 Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	4,400	15,972
52	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	4,400	7,982

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PROJECT DIRECTOR
 HARBOR & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Punjab
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

#	DESCRIPTION	UNIT	RATE	SUB STATION	
				QTY	AMOUNT
3	Stone filling dry hand packed ss filling under foundation (Page No. 31, Item No. 16)	%Cft	3,684.00	260	7,515
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Cft	11,418.28	678	83,842
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
81	(i) Ratio (1:2:4) 90 Lbs. Cement 2 Cft Sand 4 Cft. Shingle 1/4" to 1/2" gauge (Page No. 16, Item No. 6(a))				
a)	Foundation / Raft	Per Cft	337.00	781	256,457
b)	Plinth beam	Per Cft	337.00	360	121,320



AS
 PROJECT SUPERVISOR
 SUB STATION & THQ HOSPITALS,
 SINDH

Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Item 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

BILL WORK - (CSR-2012)		SUI	STATION	
DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Ratio (1:1-1/2:3) Item No. 16, Item No. 6(a)(i) Works upto plinth level Note: S.R cement for work upto plinth level. Difference in cost for using S.R cement will be bid separately.	Per Cft	349.00	105	36,894
Reinforcement Installation of mild steel reinforcement for cement concrete including cutting, bending, laying in place, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
Mild Steel Item No. 17, Item No. 8-b)	Cwt	5,001.70	60	300,102
Brick Work in Foundation Works brick work in foundation and plinth in cement Sand Mortar (1:6) Item No. 20, Item No. 4-1 (e)	%Cft	11,948.36	400	47,793
Note: S.R cement for work upto plinth level. Difference in cost for using S.R cement will be bid separately.				
Cement Concrete Cast concrete plain including placing and setting, finishing and curing, complete including screening and washing of stone (Type) without shuttering Ratio 1:3:6 Item No. 18 Item No. 5-h)	%Cft	12,595.00	574	72,295
Note: S.R cement for work upto plinth level. Difference in cost for using S.R cement will be bid separately.				
Form Centering for Situ Form and removal of centering for RCC or plain concrete works of (PARTIAL WOOD) Item No. 18 Item No. 19-b-ii)	% Sq	3,127.41	1,200	37,529

[Signature]
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Chakri
 Item No. 38.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

DESCRIPTION	UNIT	RATE	SUB STATION	
			QTY	AMOUNT
Damp Proof Course Damp Proof Course with cement sand and concrete 1:2:4 including 2 coats of plaster mixture. (Item No. 19, Item No. 28/b)	% Sft	3,912.85	10	7,513
<i>S.R cement for work upto plinth level. Difference in cost for using S.R cement will be shown separately.</i>				
Plaster Coating Plaster coating to plastered and cement concrete surface. (Item No. 71, Item No. 9)	% Sft	778.09	1,150	8,948
FLOORING Dry filling dry hand packed as filling under flooring. (Item No. 31, Item No. 16)	% CR	2,884.00	806	21,714
1:3:6 (Sub Floor) Plain concrete plain including placing, casting, finishing and curing complete including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 (Item No. 16, Item No. 5-h)	% CR	12,595.00	561	70,958
<i>S.R cement for work upto plinth level. Difference in cost for using S.R cement will be shown separately.</i>				
Polythene Sheet Laying and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Item No. 38, Item # 38)	P Sft	10.70	700	7,490
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				1,084,124

The amount is carried over to sub-summary of Civil Work (Ancillary Buildings)

(Signature)
 PROJECT DIRECTOR
 SENIOR DHQ & THQ HOSPITALS,
 SINDH



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of Tertiary Hospital at Umerkot
 3.8.1: Ancillary Building - Civil Works - Foundation Work

CIVIL WORK - NON-SCHEDULE ITEMS

DESCRIPTION	UNIT	RATE	SUB STATION	
			QTY	AMOUNT
As per using SR Cement (Sulphate resistant) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P Bag	25/-	220	5500/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				5500/-

Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



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PROJECT DIRECTOR
 REPAIR & MAINTENANCE OF HOSPITALS,
 SINDH

Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Item # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

SUB STATION

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Reinforced Cement Concrete				
Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, shuttering during rendering and finishing the exposed surface (including screening and washing of shingle)				
a) R.C. Work in Roof Slab, beams, columns, raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge Page No. 16, Item No. 6(a)]				
a) Beams / Lintels	Per Cft	337.00	605	203,885
b) Slab / Projections	Per Cft	337.00	900	303,300
c) Walls	Per Cft	337.00	20	6,740
d) Window Sill	Per Cft	337.00	10	3,370
e) Ratio (1:1-1/2:3) Page No. 16, Item No. 6(a)]]				
Columns above plinth level	Per Cft	349.00	228	79,572
Steel Reinforcement				
Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) Page No. 17, Item No. 8-a)				
QPR Steel Page No. 17, Item No. 8-b)	Cwt	5,001.70	84	420,143
Brick Work in Super Structure				
Brick work in ground floor in Cement Sand mortar (1:6). Page No. 21, Item No. 5-I(e)]				
1/2 thick wall	%Cft	12,674.36	1,963	248,798
1/4 thick wall	%Cft	12,674.36	25	3,169

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHC Hospital at Umarkot
 Sub Head # 3 8 2: Auxiliary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

SUB STATION

S#	DESCRIPTION	UNIT	RA.	QTY	AMOUNT
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	1,228	26,986
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	4,150	125,154
4.3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	1,554	46,665
5	FLOORING				
5.1	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c)				
a)	for floor	%Sft	3,275.50	1,700	55,684
6	DOORS / WINDOWS				
6.1	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.89	185	268,193
6.2	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also l/c all carriage, tools and plants used in making and fixing (Page No. 93, Item No. 29)	Per Rft	225.90	60	13,734
6.3	Glazing with glass panes (24 oz to 25 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	185	30,322

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 PROJECT DIRECTOR
 REHABILITATION & IMPROVEMENT OF HOSPITALS,
 SINDH



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Part # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORKS - (CSR-2012)				SUB STATION	
DESCRIPTION	UNIT	RATE	QTY	AMOUNT	
Wooden Beading to Door					
Providing and fixing with sunk iron screws wooden baffle of approved design/shape having width not less than 2-1/2" inches as directed by Engineer in charge.	Per Rft	48.95	170	8,495	
Page No.66 Item No.60)					
Door Lock					
Providing and fixing approved quality iron lock suitable, over the style surface.	Each	408.14	3	1,224	
Page No.60 Item No.20)					
Iron Grill to Windows					
Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and angle of flat iron patti of 1/2" x 1/4" i/c. circle shape x 10 apart equivalent fitted with screws or pins and painting 3 coats with 1st coat of red oxide paint	Per Sft	194.16	185	35,920	
Page No. 94, Item No.30)					
PLASTERING WORKS					
Distemper					
Preparing surface and painting with distemper in three coats.	%Sft	1,079.65	1,228	13,258	
Page No.54 Item No.24-c)					
Plaster Finish Paint					
Preparing the surface and painting with Matt finish by rubbing the surface with Bathy (silicon oxide rubbing brick) filling the voids with wetchalk/plaster of paris mixture,applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make complete on New surface (including 2nd & subsequent coat).	%Sft	3,444.38	4,150	142,942	
Page No.55, Item No.36-A + B + B)					
Weather Coat					
Preparing the surface and painting with weather coat by rubbing the surface with rubbing brick/sand wetchalk/plaster of paris mixture, filling the voids with wetchalk/plaster of paris mixture and then painting with weather coat of approved make (including 2nd & subsequent coat).	%Sft	2,567.95	1,554	39,908	
Page No.56 Item No.38-A + B + B)					

[Signature]
 PROJECT DIRECTOR
 HEALTH DEPARTMENT
 SINDH



Name of Client: Health Department, Government of Punjab
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Unkerkot
 Item # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

SUB STATION

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Enamel Painting				
Preparing the surface and painting with enamel paint (Including 2nd & subsequent coat) (Page No.73, Item No 31-A + B + B)	%Sq	1,449.14	400	5,797
MISCELLANEOUS				
Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	5,24.98	2	1,050
Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand blinded.	%Sq	5,310	1,400	74,345
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM			*	862,887

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



(Signature)
 PROJECT DIRECTOR
 REHAB-DHQ & THQ HOSPITALS,
 SINGH

Client: Health Department, Government of Sixth
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umrkot
 # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

SUB STATION

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P. Stt 425/- 190 80750/-

Providing and making counters for following use comprising of 2" thick RCC slab, 2" wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Stt 1000/- 20 20000/-

3 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P. Stt 1400/- 84 117600/-



4 Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc. complete in all respect as shown on the drawings and as directed by the Engineer Incharge.

P. Stt 100/- 520 52000/-

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 PROJECT DIRECTOR
 UMRKOT & DHQ HOSPITALS
 SURE



Name of Client: Health Department, Government of Sikkim
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3 8 2: Ancillary Building - Civil Works - Ground floor

CIVIL WORK - NON-SCHEDULE ITEMS

SUB STATION

S #	DESCRIPTION	UNI	RATE	QTY	AMOUNT
5	Providing and laying 1-1/2" to 2" thick precast coping using screened graded bari 3/4" and down gauge 1:2-4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P.Stt	300/-	160	48000/-
6	Providing and fixing steel Louvered Door/Ventilator as per drawing, specification and instruction of the Engineer.	P.Stt	1000/-	412	412000/-
7	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc complete as per drawings and as directed by the Engineer in any floor.	P. Stt	175/-		Only Rate required
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					• 646350/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 REHAB: DHQ & CHQ HOSPITALS
 SIKKIM

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of GHQ Hospital - at Umarkot
 Sub Head # 3-9-1: Ancillary Building - Civil Works - Foundation Plans

CIVIL WORK - (CSR-2012)

H.T.ROOM

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft (Page No.95, Item No.4-s 1gh)	%Sqft	75.00	280	210
2	Excavation Excavation in foundation of building bridges and other structures including daggelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0" in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,126.25	764	2,427
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlor 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 item No.91)	Per Sft	40.10	60	2,406
3.2	Providing Anti-termite by Neptachlor 0.5% Emulsion as an overall pre construction treatment in slab type construction under the slab and along attached perches or entrance etc. complete as per directions of Engineer Incharge (Page No.109 item No.92)	Per Sft	9.74	290	2,825
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in foot with surplus earth from foundation lead upto one chain and lift upto 5 ft. (Page No.4, Item No.21)	%0Cft	1,512.50	480	726
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No.4, Item No.22)	%0Cft	3,630.00	535	1,942
5.2	Extra for every 50 ft lead or part thereof for earth work (soft, ordinary, hard and very hard) Considering 800 ft extra lead (18 times @ 100.78) (Page No.2, Item No.8-b)	%0Cft	1,814.04	535	971

PROVENT DIRECTOR
 REHABILITATION & HOSPITALS
 SINDH



Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hqs. I, II at Unkerkot
 Job Head # 3 B 1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

H.T. ROOM

S	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation (Page No. 31, Item No. 16)	sq.Cft	2,684.00	65	1,745
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	sq.Cft	9,41.28	91	8,851
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
81	(i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 1/2" gauge (Page No. 16, Item No. 6(a)) a) Foundation / Raft	Per Cft	337.00	108	35,722
b)	Plinth beam	Per Cft	337.00	74	24,938
82	(ii) Ratio (1:1-1/2:3) (Page No. 15, Item No. 6(a)) Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	28	9,772

[Signature]
 PROJECT DIRECTOR
 HADUHQ & HQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umri
 Head # 3.9.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

H.T.ROOM

#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
3	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,170	20	100,034
	Plain Cement Concrete Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6 (Page No. 16 Item No. 5-t)				
	Situ	%Cft	12,595.00	135	17,003
	Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) (Page No. 18 item No. 19-b-ii)	% Sit	3,127.41	300	9,382
	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b)	%Sft	3,912.85	37	1,448
	Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	250	1,945
	FLOORING Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	115	3,087



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umar
 Item # 3.9.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

H.T. ROOM

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
CC 1:3:6 (Sub Floor): Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 18, Item No. 5-h)	%Cft	12,595.00	76	9,572
Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No. 38, Item # 38)	P. Sh	10.70	200	2,204
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM			*	237,219

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 KHANAPUR & HQ HOSPITALS,
 SIKOR

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DRQ Hospital at Dimerkot
 Sub Head # 3 9 1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS

H.T.ROOM

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level	P Bag	2-5/-	45	1125/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					1125/- ✓

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Bu, dings)

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3 & 2: Ancillary Building - Civil Works - Ground Floor.

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	H.T. ROOM	
				Qty	AMOUNT
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 3/8" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	145	3,186
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (Internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	814	24,548
4.3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	1,063	32,058
5	FLOORING				
5.1	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c)				
	a) for Ramp)	%Sft	3,275.50	110	3,603
	b) in floor (plain)	%Sft	3,275.50	140	4,586
6	PAINTING WORKS				
6.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54, item No 24-c).	%Sft	1,079.65	145	1,565
6.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + E).	%Sft	3,444.38	814	28,037
6.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No 56 Item No.38-A + B + B)	%Sft	2,567.95	1,063	27,297

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PROJECT MANAGER
REHABILITATION OF HOSPITALS
SINDH



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at
 Head # 3.9.2: Ancillary Building - Civil Works - Ground Floor

DESCRIPTION	UNIT	RATE	Qty	H.T.ROOM	
				AMOUNT	
Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No. 73, Item No.31-A + B + B)	%Sft	1,440.14	200		2,880
MISCELLANEOUS reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	2		1,050
Single layer of tiles 9" x 4-1/2" x 2" laid over 4" with 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC-slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	332		17,099
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					351,329

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



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PROJECT DIRECTOR
 HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Head # 3.9.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

#	DESCRIPTION	UNIT	RATE	H.T. ROOM	
				Qty	AMOUNT
	Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.				
a	For Vanity wash basin / pantry	P. St.	1000/-	60	60000/- ✓
	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc. complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. St.	100/-	100	10000/- ✓
	Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P. St.	300/-	75	22500/- ✓
	Providing and fixing steel Louvered Door, Ventilator as per drawing specification and instruction of the Engineer.	P. St.	1000/-	105	105000/- ✓
	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. St.	175/-		Only Rate required ✓
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					1977500/- ✓

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)

PROJECT DIRECTOR
 FEDERAL BUREAU OF INVESTIGATION
 SINDH



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT

ANCILLARY BUILDINGS

SUB-SUMMARY OF PLUMBING WORKS (ANCILLARY BUILDINGS)

Particular	Amount of Schedule Items	Amount of Non Schedule	Total Amount
		Items	
Misafir Khana	74,381	119,900/-	
Morgue House	49,947	36,800/-	
Laundry	20,381		
Abution Area	56,399	176,200/-	
Cafeteria	152,152	169,000/-	
Amount of Schedule & Non Schedule Items	502,220	(772,000/-)	
% Above / Below / At Par		(361,000/-)	
Total Amount of Schedule & Non Schedule Items	502,220/-	685,900/-	1188120/-
Total Amount of Plumbing Works			1188120/-

** This amount shall be carried over to Summary of Ancillary Buildings

= 542,000/-
(-) 36,100/-
= 505,900/-

= 1,008,120/-



[Signature]
PROJECT DIRECTOR
UMERKOT HOSPITALS,
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of JHQ Hospital at Umerkot
 Sub Head # 3.10.1 Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w/c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4 (H) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-II) trap and plastic thumble.	Each	6,166.60	2	12,333
2	EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w/c pan complete with & 1/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia and curing & making requisite number of hole in walls, plinth & floor for pipe connection & making good in cement concrete 1:2:4 (Page # 2 item # 4)	Each	5,339.40	2	10,679
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & 1/c the cost W.) or C.) cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern) (Page No.3 Item No.8,9)	Each	4,253.70	4	17,015
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or European). Page # 3 item # 11)	Each	2,533.47	4	10,134
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connection (Page # 8, Item # 23)	Each	447.15	12	5,366

[Signature]
 PROJECT SUPERVISOR
 PHASE-DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3.10.1: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	6	10,029
7	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the karb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item #1 (i))	Each	1,220.67	2	2,441
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	2	1,688
9	uPVC PIPE Providing Laying uPVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.				
	a) 1/2 inch dia (Page # 24, Item # 6a)	Rft	12.00	20	240
	b) 3/4 inch dia (Page # 24, Item # 6b)	Rft	19.00	100	1,900
	c) 1 inch dia (Page # 24, Item # 6c)	Rft	27.00	50	1,350
	d) 1-1/4 inch dia (Page # 24, Item # 6d)	Rft	32.00	50	1,650
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Shower with double Bib cock & ring Pipe etc. complete, (Page # 19, Item # 19-A)	Each	3,432.00	4	13,728

[Signature]
 PROJECT SUPERVISOR
 - HEALTH DEPARTMENT -
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.10.1: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	3/4 inch dia (Page # 18, Item # 6 ii)	Each	290.84	1	291
b)	1 inch dia (Page # 18, Item # 6 iii)	Each	318.34	2	637
c)	1-1/4 inch dia (Page # 18, Item # 6 iv)	Each	510.84	4	2,043
12	BIB COCK Supplying and fixing in position C.P Bib cock -b) 1/2" dia C.P bib cock, Standard pattern. (Page 18, item # 2-ib)	Each	337.52	4	1,350
13	CANCEALED STOP COCK Supplying / Fixing canceled stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for tiles Bath Rooms. (Page # 18, Item # 11-B)	Each	509.74	12	5,117
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No. 19 Item No. 14-b)	Each	3,179.00	4	12,716
15	SHOWER Providing & Fixing jet shower with rod of superior quality with c.p head 1/2" dia. (Page # 19 item # 15)	Each	1,142.24	4	4,569
16	BATH ROOM ACCESSORIES SET 1) Supplying & Fixing Bath room accessories set (7 piece) towel rack, brush holder soaptray shelf of approved design vs cost of screws, nuts etc complete (Master Brand) (Page #19 Item #23)	Each	10,322.40	2	20,645
17	2) Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft. (Page No.24 Item No 6-h)	Rll	226.00	80	18,080

Hy
 PROJECT DIRECTOR
 UPGRADATION OF THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3, 10, 1: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

					MUSAFIR KHANA	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT	
133	Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	RM	334.00	70	23,380	
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					178,381	

This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 HI-TECH CONSULTANTS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 3.10.1: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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MUSAFIR KHANA

1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc., including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	1/2 inch (12 mm) Dia Pipe.	Rft	140/-	20	28000/- ✓
b	3/4 inch (20 mm) Dia Pipe.	Rft	160/-	100	16000/- ✓
c	1 inch (25 mm) Dia Pipe.	Rft	200/-	50	10000/- ✓
d	1 1/4 inch (32 mm) Dia Pipe.	Rft	250/-	50	12500/- ✓

2 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostat and safety valve, 80 liter capacity.

		Each	40000/-	1	40000/- ✓
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3 GAS WORK

M.S. PIPE 1/2" Ø

Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required 1/3 cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

		Rft	150/-	20	3000/- ✓
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M.S. PIPE 3/4" Ø

Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required 1/3 cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

		Rft	200/-	30	6000/- ✓
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5 M.S. PIPE 1" Ø

Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required 1/3 cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

		Rft	250/-	80	20000/- ✓
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PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3 10 1: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RAT	QTY	AMOUNT
6	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	1100/-	2	2200/- ✓
7	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1200/-	2	2400/- ✓
8	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	2500/-	2	5000/- ✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					119900/- ✓

This Amount shall be carried over to sub-summary of Plumbing Work (Ancillary Buildings)



[Signature]
 KHANNA & CO. HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 3.10.2 Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MORGUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	ORISSA W.C Providing and fixing Orissa type white or colour glazed earthen ware w.c pan with cast of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4 (II) With 4" dia earthen ware trap and plastic thumbie. (Page # 2, Item # 3-A-ii) trap and plastic thumbie	Each	6,166.60	1	6,167
2	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with 3/4" the cast W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P. brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern) (Page No.3 Item No.8,9)	Each	4,253.70	1	4,254
3	PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or Equivalent) (Page # 3 Item # 11)	Each	2,533.47	1	2,533
4	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 6, Item # 23)	Each	447.15	3	1,341
5	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	1	1,672

[Signature]
 PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ (for details at Umerkot)
 Sub Head # 3.10.2: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MORGUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the kerb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item # 1 (i))	Each	1,220.87	1	1,221
7	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	3	2,532
8	uPVC PIPE Providing, Laying uPVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24, Item # 6a)	Rft	12.00	10	120
b)	3/4 inch dia (Page # 24, Item # 6b)	Rft	19.00	15	285
c)	1 inch dia (Page # 24, Item # 6c)	Rft	27.00	20	540
9	MUSLIM SHOWER Supplying and fixing C.P Muslim Shower with double Bib cock & ring Pipe etc. complete. (Page # 19, Item # 19-A)	Each	3,432.00	1	3,432
10	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	3/4 inch dia (Page # 18, Item # 6 ii)	Each	290.84	1	291
b)	1 inch dia (Page # 18, Item # 6 iii)	Each	318.34	1	318
11	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia (Page No.19 Item No.14-b)	Each	3,179.00	1	3,179

[Handwritten Signature]

PROJECT DIRECTOR
 REGD. DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital - Umerkot
 Sub Head # 3.10.2: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

					MORGUE HOUSE	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT	
12	BATH ROOM ACCESSORIES SET					
12.1	Supplying & Fixing Bath room accessories set (7 piece) towel rack, brush holder soap tray shelf of approved design w/c cost of screws, nuts, etc complete. (Master Brand) (age #19 item #23)	Each	10,322.40	1	10,322	
12.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft (Page No.24 item No.6-h).	Rft	226.00	15	3,390	
12.3	Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft (Page No.24 item No.6-h).	Rft	334.00	25	8,350	
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					49,947	

This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital
 Sub Head # 3.10.2: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	MORGUE HOUSE	
				QTY	AMOUNT

1. PPRC PIPES

Providing and fixing PPRC Pipes and specials etc., including fixing, cutting and fitting complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and mess-an cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	1/2 inch (12 mm) Dia Pipe	Rt	140/-	10	1400/-
b	3/4 inch (20 mm) Dia Pipe	Rt	160/-	15	2400/-
c	1 inch (25 mm) Dia Pipe	Rt	200/-	20	4000/-

2. DOUBLE GAS BURNER

Providing and fixing double gas burner superior quality made of stainless steel with rail cock w/c making gas connection as approved by the Engineer in charge as required.

Each 12000/-

2 24000/-

3. GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

Each 40000/-

1 40000/-

4. GAS WORK

4.1 M.S. PIPE 1/2" Ø

Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required w/c cleaning, applying primer coating with BBES compound and warping with fibre glass welding complete.

Rt 200/-

1 200/-

5. GAS COCK 1/2" Ø

Providing and fixing brass gas cock 13 mm (1/2") dia as required

Each 1100/-

1 1100/-

6. GAS COCK 3/4" Ø

Providing and fixing brass gas cock 20 mm (3/4") dia as required

Each 1200/-

1 1200/-

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PROJECT DIRECTOR
 GOVERNMENT HOSPITALS
 SINDH



Name of Client: Health Department - Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Unierskot
 Sub Head # 3.10.2 Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	MORGUE HOUSE	
				QTY.	AMOUNT

7 GAS LAMP
 Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer

Each 250/- 1 2500/-

TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEMS	76800/-
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* This Amount shall be carried over to sub-summary of Plumbing Work (Ancillary Buildings)



[Signature]
 PROJECT DIRECTOR
 HEALTH DEPARTMENT - HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 3.10.3: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	LAUNDRY
					AMOUNT
6	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, pith and floor for pipe connection and making good cement concrete 1:2:4 (Page # 6 Item # 21)	Each	1,671.58	4	6,685
9	uPVC PIPE Providing Laying uPVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24, Item # 5a)	Rft	12.00	25	300
b)	3/4 inch dia (Page # 24, Item # 5b)	Rft	19.00	30	570
c)	1 inch dia (Page # 24, Item # 5c)	Rft	27.00	60	1,620
d)	1-1/4 inch dia (Page # 24, Item # 5d)	Rft	33.00	20	660
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1 inch dia (Page # 18, Item # 6 iii)	Each	318.34	1	318
b)	1-1/4 inch dia (Page # 18, Item # 6 iv)	Each	510.84	1	511
12	BIB COCK Supplying and fixing in position C.P Bib cock -b) 1/2" dia C.P bib cock, Standard pattern (Page 16, Item # 2-ib)	Each	337.52	2	675
16.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft. (Page No 24 Item No.6-h).	Rft	226.00	40	9,040
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					20,381

This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)

PROJECT DIRECTOR

Umerkot
Sindh



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital - Umerkot
 Sub Head # 3.10.4: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

ABLUTION AREA

S#	DESCRIPTION	UNIT	RA	QTY	AMOUNT
1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4 (ll) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii) trap and plastic thumble.	Each	6,166.00	4	24,664
2	EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & /c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia and curing & making requisite number of hole in walls, plinth & floor for pipe connection & making good in cement concrete 1:2:4. (Page # 2 item # 4)	Each	5,339.40	1	5,339
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & /c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern) (Page No.3 Item No.8,9)	Each	4,253.70	2	8,507
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or Equivalent) (Page # 3 item # 11)	Each	2,533.47	2	5,067
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 6, item # 23)	Each	447.15	10	4,472

[Signature]
 PROJECT DIRECTOR
 PAR: DRQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Mirmerkot
 Bid Head # 3.10.4: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

ABLUTION AREA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self clearing design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	4	6,686
7	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the karb. C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24,Item.#1 (i))	Each	1,220.67	2	2,441
8	uPVC PIPE Providing & Laying uPVC pipes of class "D" fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.				
	a) 1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	20	240
	b) 3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	50	950
	c) 1 inch dia (Page # 24,Item # 6c)	Rft	27.00	10	270
9	SLUICE VALVE Fixing of sluice valve with 2- cast iron tailpiece,one end flanged and other with socket including the cost of nuts bolts and rubber packing, labour etc complete 3" dia (Page # 12 item# 11 a)	Each	1,254.00	2	2,508
9	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
	a) 1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	4	1,273
	b) 1-1/4 inch dia (Page # 18,Item # 6 iv)	Each	510.84	4	2,043



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DRQ Hospital at Umar Kot
 Sub Head # 3 10 4: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				QTY	AMOUNT
10	BIB COCK Supplying and fixing in position C.P. Bib cock-bi 1/2" dia C.P. bib cock, Standard pattern. (Page 16, Item # 2-b)	Each	327.52	2	675
11	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p. head 1/2" dia. (Page No.19 Item No. 14-b)	Each	3,179.00	2	6,358
12	BATH ROOM ACCESSORIES SET				
12.1	Supplying & Fixing Bath room accessories set(7 piece) towel rack, brush holder soaptray shelf of approved design w/c cost of screws,nuts etc complete (Master Brand) (age #19 item #23)	Each	10,322.40	1	10,322
12.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft (Page No.24 item No.6-h).	Rft	220.00	20	4,520
12.3	Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft (Page No.24 item No.6-h).	Rft	334.00	30	10,020
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					96,359

* This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Unwerke
 Sub Head # 3.10.4: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

ABLUTION AREA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km)

a 3 inch Dia Pipe.

Rt 1500/- 70 105000/-

2 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

Each 4000/- 1 4000/-

3 GAS WORK

M.S. PIPE 1/2" Ø

Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

Rt 150/- 20 3000/-

4 M.S. PIPE 3/4" Ø

Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

Rt 200/- 30 6000/-

5 M.S. PIPE 1" Ø

Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete

Rt 250/- 80 20000/-

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PROJECT DIRECTOR
 HOUSE BUILDING & HOSPITALS
 SINDH



Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.10.4: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				QTY	AMOUNT

6	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	1100/-	1	1100/-
7	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1200/-	1	1200/-

TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM				176300/-	
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This Amount shall be carried over to sub-summary of Plumbing Work (Ancillary Buildings)



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PROJECT DIRECTOR
HEALTH DEPARTMENT GOVT HOSPITALS
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DRQ Hospital - Umerkot.
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orissa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4 (ii) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii) trap and plastic thumble:</p>	Each	5,166.60	2	12,333
2	<p>EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & /c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & floor for pipe connection & making good in cement concrete 1:2:4. (Page # 2 item # 4)</p>	Each	5,339.40	2	10,679
3	<p>WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & /c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (Page No.3 Item No.8,9)</p>	Each	4,253.70	2	8,507
4	<p>PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or Equivalent) (Page # 3 item # 11)</p>	Each	2,533.47	2	5,067
5	<p>PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia. brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 6, Item # 23)</p>	Each	447.15	16	7,154

PROJECT DIRECTOR
 GENERAL HQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hd: Jalat Umerkot
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	<p>STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p. rubber plug chrome plated brass chain, 1-1/2" c.p. brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. Steel Sink stainless sized 40" x 20" standard Pattern. (Page # 6, Item # 19)</p>	Each	5,052.30	3	15,157
7	<p>FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)</p>	Each	1,671.58	7	11,701
8	<p>GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the carb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthenware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item # 1 (i))</p>	Each	1,220.67	2	2,441
9	<p>TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)</p>	Each	843.92	1	844



PROJECT DIRECTOR
 BEHAR DHQ & HQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Unjko
 Sub Head # 3 10.5 Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	CAFETERIA	
				QTY	AMOUNT
10	UPVC PIPE Providing Laying uPVC pipes of class 'D' fixing in trench w/c cutting, fitting and jointing with solvent cement w/c testing with water to ahead of 122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24, Item # 6a)	Rft	12.00	80	960
b)	3/4 inch dia (Page # 24, Item # 6b)	Rft	19.00	100	1,900
c)	1 inch dia (Page # 24, Item # 6c)	Rft	27.00	80	2,160
d)	1-1/4 inch dia (Page # 24, Item # 6d)	Rft	33.00	100	3,300
e)	1-1/2 inch dia (Page # 24, Item # 6e)	Rft	43.00	30	1,290
11	MUSLIM SHOWER Supplying and fixing C.P Muslim Shower with double Bib cock & ring Pipe etc. complete (Page # 19, Item # 19-A)	Each	432.00	2	864
12	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1 inch dia (Page # 18, Item # 6 iii)	Each	318.34	3	955
b)	1-1/4 inch dia (Page # 18, Item # 6 iv)	Each	510.84	3	1,533
13	BIB COCK Supplying and fixing in position C.P Bib cock -h) 1/2" dia C.P bib cock. Standard pattern (Page 16, Item # 2-ib)	Each	337.52	2	675
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No 18 Item No. 14-b)	Each	3,179.00	2	6,358
15	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete (Page No. 19 Item No. 17)	Each	2,745.60	2	5,491

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PROJECT DIRECTOR
 RSHABDHO & TRQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sri Lanka
 Name of Project: Upgradation of THO Hospital, to the level of DHO Hospital at U -berkot
 Sub Head # 3.10 5: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
16	BATH ROOM ACCESSORIES SET				
16.1	Supplying & Fixing Bath room accessories set(7 piece) towel rack, brush holder soaptray shelf of approved design i/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	1	10,322
16.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	226.00	80	18,080
16.3	Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	334.00	70	23,380
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					157,152

* This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)



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PROJECT DIRECTOR
 REHABILITATION & THO HOSPITALS
 SRI LANKA

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	CAFETERIA	
				QTY	AMOUNT

1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maxphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	½ inch (12 mm) Dia Pipe	Rft	140/-	80	11200/- ✓
b	¾ inch (20 mm) Dia Pipe	Rft	160/-	100	16000/- ✓
c	1 inch (25 mm) Dia Pipe	Rft	200/-	80	16000/- ✓
d	1¼ inch (32 mm) Dia Pipe	Rft	250/-	100	25000/- ✓
e	1-½ inch (50 mm) dia pipe	Rft	300/-	30	9000/- ✓

2 DOUBLE GAS BURNER

Providing and fixing double gas burner superior quality made of stainless steel with rail cock w/c making gas connection as approved by the Engineer in charge as required.

Each	12000/-	2	24000/- ✓
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3 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity.

Each	40000/-	1	40000/- ✓
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4 M.S. PIPE ½" Ø

Providing & fixing low pressure gas M.S pipe 13 mm (½") dia (medium) with special such as bend, tee, union and socket etc as required w/c cleaning, applying primer coating with BAES compound and warping with fibre glass, welding complete.

Rft	150/-	20	3000/- ✓
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PROJECT DIRECTOR
 PLUMBING & PRO HOSPITALS
 SINDH



Name of Client: Health Department, Government of South
 Name of Project: Upgradation of THQ Hospital at the level of DHQ Hospital at Gujerkot
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	CAFETERIA	
				QTY	AMOUNT

5	M.S. PIPE 3/4" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Mtr.	200/-	50	10000/-
6	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Mtr.	250/-	40	10000/-
7	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	1100/-	1	1100/-
8	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1200/-	1	1200/-
9	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	2500/-	1	2500/-
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					*169000/-

* This Amount shall be carried over to sub-summary of Plumbing Work (Ancillary Buildings)

[Handwritten Signature]



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT

ANCILLARY BUILDINGS

SUB-SUMMARY OF ELECTRICAL WORKS (ANCILLARY BUILDINGS)

No.	Particular	Amount of Schedule Items	Amount of Non Schedule Items	Total Amount
11	Musafir Khana			
12	Morgue House	358,077	246,100/-	---
13	Laundry	21,188	52,375/-	---
14	Masjid & Ablution Area	94,939	240,600/-	---
15	Cafeteria	725,301	406,200/-	---
16	Sub Station	147,624	349,850/-	---
17	Guard Room	69,063	122,050/-	---
		62,333	122,059/-	---
	Amount of Schedule & Non-Schedule Items	1101175/-	112,550/-	---
	% Above / Below / Approx	1	1402.675%	---
	Total Amount of Schedule & Non-Schedule Items	1101175/-	701341/-	---
	Total Amount of Electrical Works		1332541/-	2433716/-
				.. 2433716/-



** This amount shall be carried over to Summary of Ancillary Buildings

1,524,725/-
(-) 70,134/-
1,454,591/-

[Signature]
PROJECT DIRECTOR
UPGRADATION OF THQ HOSPITALS,
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 3.11.1. Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-71.044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no 6	Per Meter	613.00	260.00	159,380.00
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-71.052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no 6	Per Meter	851.00	120.00	102,960.00
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no. 15	Per Point	757.00	24.00	19,128.00
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no 15	Per Point	885.00	30.00	29,550.00
5	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no 33	Per No	151.00	3.00	453.00
6	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no 33	Per No	162.00	8.00	1,296.00
7	Providing and fixing bakelite ceiling rose with two terminals. Schedule item 228 page no 33	Per No	72.00	10.00	720.00
8	Providing and fixing brass Ceiling fan 58" (good quality) Schedule item 235 page no 34	Per No	3,185.00	14.00	44,590.00

TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM	358,077
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* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Handwritten Signature]

PROJECT DIRECTOR
 SEHABIDDIN HOSPITAL
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 3.11 1: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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I- Wiring & Accessories.

1	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc, recessed in wall, column, roof etc, including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing	Point	3200/-	4.00	12800/- ✓
2	Same as above schedule item No. 1 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing	Point	1200/-	15.00	18000/- ✓
3	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc, recessed in wall, column, roof etc, including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing	Point	4600/-	4.00	18400/- ✓
4	Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing	Point	3800/-	4.00	15200/- ✓
5	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column. "Clipsal make" or approved equivalent, complete as per specification and drawing	No.	250/-	6.00	1500/- ✓
	b) 2 Gang switch	No.	325/-	4.00	1300/- ✓
	c) 3 Gang switch	No.	450/-	10.00	4500/- ✓
	d) 4 Gang switch	No.			

PROJECT DIRECTOR
 BOARD OF DISTRICT HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Unar Kot
 Sub Head # 3.11.1: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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6. Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.
 a) 10 Amps 3-pin switch & socket outlet

No. 525/- 4.00 2100/- ✓

7. Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

No. 850/- 14.00 11900/- ✓

II- Fixtures:

8. Supply, installation, connecting, testing & commissioning of 30 Cms (12") sweep metallic body Exhaust Fan complete with blades, motor, etc. fitted in existing hole including connecting with 14/0076 flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.

No. 3000/- 4.00 12000/- ✓

9. Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

No. 1800/- 64.00 115200/- ✓

10. Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pirette 302015 oval 60W

No. 2400/- 3.00 7200/- ✓

Jm



PROJECT DIRECTOR
 REHAB-DHQ & LCP HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 3.11.1: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RAT.	QTY	AMOUNT
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III- Distribution Boards & Earthing:

11 Supply, installation, connecting, testing and commissioning of wall mounting/ Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per drawing with all respects.

a) LPDB-MK

Set. 18500/- 1.00 18500/-

b) 20A DP Box

Set. 2500/- 1.00 2500/-

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM

241100/-

* This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)




PROJECT DIRECTOR
 KHALID & CO. HOSPITALS
 SINDH

Name of Client: Health Department Government of India
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.11.2 - Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	MORGUE HOUSE	
				QTY	AMOUNT
1	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	15.00	11,955.00
2	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	2.00	1,970.00
3	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00
4	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	2.00	324.00
5	Providing and fixing bakelite ceiling rose with two terminals. Schedule item 228 page no.33	Per No	72.00	6.00	432.00
6	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	1.00	3,020.00
7	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	1.00	3,185.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					21,188

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Handwritten Signature]

PROJECT DIRECTOR
 REHABILITATION OF HOSPITALS
 SINDH



Name of Client: Health Department, Government of Singh
 Name of Project: Upgradation of THQ Hospital to the level of DHC Hospital at Umaritok
 Sub Head # 3.11.2: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1- Wiring & Accessories.

1 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket reducer, JBs, pull box etc. recessed in wall, column, roof etc., including 2.5 sq mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing

Point 3200/- 2.00 6400/- ✓

2 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core (Green) insulated wire as ECC, complete as per specification & drawing

Point 4600/- 1.00 4600/- ✓

3 Same as above item No. 2 but power plug outlet to outlet complete as per specifications and drawing

Point 3800/- 1.00 3800/- ✓

4 Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing

a) 1 Gang switch

No 150/- 3.00 4500/- ✓

b) 2 Gang switch

No 250/- 1.00 250/- ✓

c) 3 Gang switch

No 325/- 1.00 325/- ✓

d) 4 Gang switch

No 450/- 1.00 450/- ✓

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PROJECT DIRECTOR
REHABILITATION & THQ HOSPITALS
SINGH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.11.2: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	MORGUE HOUSE	
				QTY	AMOUNT

5	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin-switch and socket combine unit with neon bulb "Cipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing. a) 10 Amps 3-pin switch & socket outlet	No.	535/-	2.00	1070/- ✓
6	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Cipsal make" or approved equivalent, complete as per drawing.	No.	850/-	3.00	2550/- ✓
II-Fixtures:					
7	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Milat make or approved equivalent, complete as per specification and drawing.	No.	3000/-	1.00	3000/- ✓
8	Supply installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector Philips type FCS-120 or approved equivalent.	No.	1800/-	5.00	9000/- ✓
9	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W G.L.S lamp Pierite 302015 oval 60W	No.	3000/-	2.00	6000/- ✓
10	Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects a) GMP-136 with 1x36W TLD Lamp	No.	3000/-	4.00	12000/- ✓

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of TRQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.11.2: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

MORGUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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III- Distribution Boards & Earthing:

- 11 Supply, installation, connecting, testing and commissioning of wall mounting Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per drawing with all respects
 a) 20A TP Box



2500/- ✓

Set

2500/-

1.00

2500/-

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM

52375/- ✓

- This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHC Hospital at Umerkot
 Sub Head # 3-11-3: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	LAUNDRY	
				QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required Schedule item 41 page no 6	Per Meter	858.00	50.00	42,900.00
2	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 124 page no 15	Per Point	797.00	27.00	21,519.00
3	Wiring for plug point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 126 page no 15	Per Point	985.00	6.00	5,910.00
4	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no 33	Per No	151.00	2.00	302.00
5	Providing and fixing three pin 10/15 Amps plug and socket flush type Schedule item 227 page no 33	Per No	162.00	9.00	1,458.00
6	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no 33	Per No	72.00	10.00	720.00
7	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no 34	Per No	3,020.00	1.00	3,020.00
8	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no 34	Per No	3,185.00	6.00	19,110.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					94,939

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 BLNAB, DHC & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Immerkot
 Sub Head # 3.11.3: Ancillary Building - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS

LAUNDRY

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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I- Wiring & Accessories.

1 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.

Point 3200/- 3.00 9600/- ✓

2 Same as above schedule item No. 1 wiring of light point from point to point with 1.5 sq mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.

Point 1200/- 6.00 7200/- ✓

3 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point 4600/- 5.00 23000/- ✓

4 Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing.

Point 3800/- 3.00 11400/- ✓

5 Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing;

b) 2 Gang switch

No. 250/- 5.00 1250/- ✓

c) 3 Gang switch

No. 325/- 2.00 650/- ✓

d) 4 Gang switch

No. 450/- 1.00 450/- ✓

[Signature]
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.11.3 Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

LAUNDRY

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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6 Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet

No. 525/- 10.00 5250/- ✓

7 Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

No. 850/- 10.00 8500/- ✓

II- Fixtures:

8 Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.

No. 3000/- 2.00 6000/- ✓

9 Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

No. 1800/- 3.00 5400/- ✓

10 Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W

No. 3000/- 3.00 9000/- ✓

11 Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects.

a) GMP-136 with 1x36W TLD Lamp

No. 1800/- 11.00 19800/- ✓

b) GMP-236 with 2x36W TLD Lamps

No. 3000/- 4.00 12000/- ✓

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PROJECT SUPERVISOR
 HEALTH DEPARTMENT GOVT. HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHK Hospital at Umerkot
 Sub Head # 3.11.3: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS				LAUNDRY	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
III- Distribution Boards & Earthing:					
12	Supply, installation, connecting, testing and commissioning of wall mounting/ Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per drawing with all respects. a) LPDB-LA	Set	24500/-	1.00	24500/-
13	Providing and fixing Copper Rod having conical end to be buried after providing 3" dia hole in ground at a depth of 12'-0" or less if water comes out from the ground level, including providing earth powder fixing copper rod, including earth clamp, earth leads 2x 4SWG in 2" dia G.I. pipe, complete as per drawing with all respects.	Set	75000/-	1.00	75000/-
IV- Telephone & TV Antenna:					
14	Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft	35/-	60.00	2100/-
15	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.	Rft	25/-	60.00	1500/-
16	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No	1500/-	2.00	3000/-
17	Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	15000/-	1.00	15000/-
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM					240600/-

This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 HEALTH & HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 3.11.4: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2013)

MASJID & ABLUTION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-71.044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required Schedule item 40 page no 6	Per Mtr	513.00	60.00	30,780.00
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-71.052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required Schedule item 41 page no 6	Per Mtr	525.00	30.00	25,740.00
3	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 124 page no 15	Per Point	757.00	78.00	62,166.00
4	Wiring for plug point with 3/025 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 126 page no 15	Per Point	935.00	6.00	5,910.00
6	Providing and fixing three pin 5Amps plug and socket flush type Schedule item 226 page no 33	Per No	151.00	6.00	906.00
7	Providing and fixing three pin 10/15 Amps plug and socket flush type Schedule item 227 page no 33	Per No	162.00	2.00	324.00
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no 33	Per No	72.00	20.00	1,440.00
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no 34	Per No	3,020.00	2.00	6,040.00
10	Providing and fixing brass Ceiling fan 58" (good quality) Schedule item 235 page no 34	Per No	3,185.00	27.00	85,995.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	225,301

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 FEDERAL BUREAU OF INVESTIGATION
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Ul-Harithot
 Sub Head # 3 11.4: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

MASJID & ABLUTION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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I-Wiring & Accessories.

1 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.

Point

3200/-

7.00

22400/-

2 Same as above schedule item No. 1 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.

Point

1200/-

30.00

36000/-

3 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point

4600/-

3.00

13800/-

4 Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing.

Point

3800/-

1.00

3800/-

5 Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing

a) 1 Gang switch

No.

150/-

1.00

150/-

b) 2 Gang switch

No.

250/-

1.00

250/-

c) 3 Gang switch

No.

325/-

17.00

5525/-

d) 4 Gang switch

No.

450/-

6.00

2700/-

[Signature]
 PROJECT DIRECTOR
 HEALTH, DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 3.11.4: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	MASJID & ABLUTION	
			R	E

5. Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet

No. 525/- 6.00 3150/- ✓

b) 13 Amps 3-pin (Simplex) outlet

No. 1350/- 4.00 5400/- ✓

7. Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column. "Clipsal make" or approved equivalent, complete as per drawing.

No. 850/- 20.00 17000/- ✓

II- Fixtures:

8. Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.

No. 3000/- 2.00 6000/- ✓

9. Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

No. 1800/- 54.00 97200/- ✓

10. Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W

No. 3000/- 12.00 36000/- ✓

11. Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects

a) GMP-136 with 1x36W TLD Lamp

No. 1800/- 6.00 10800/- ✓

[Signature]
 PROJECT DIRECTOR
 #PHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of HQ Hospital at Umarkot
 Sub Head # 3:11 4: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

MASJID & ABLUTION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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III- Distribution Boards & Earthing:

12 Supply, installation, connecting, testing and commissioning of wall mounting Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per drawing with all respects
 a) LPDB-M

Set 24500/- 1.00 24500/-
 Set 15000/- 1.00 15000/-

b) 15A TP Box

13 Providing and fixing Copper Rod having conical end to be buried after providing 3" dia hole in ground at a depth of 12' -0" or less if water comes out from the ground level, including providing earth powder fixing copper rod, including earth clamp, earth leads 2x 4SWG in 2" dia G.I. pipe, complete as per drawing with all respects

Set 75000/- 1.00 75000/-

IV- Telephone & TV Antenna:

14 Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam, ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects

Rtl 35/- 300.00 10500/-

15 Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing

Rtl 25/- 1.00 25/-

16 Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.

No. 1500/- 4.00 6000/-

17 Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing

Set 15000/- 1.00 15000/-

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM				406200/-	
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This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 EEHAB-DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarjati
 Sub Head # 3 11.6: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	CAFETERIA	
				QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required Schedule item 41 page no 6	Per Meter	858.00	50.00	42,900.00
2	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 124 page no 16	Per Point	797.00	54.00	43,038.00
3	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 126 page no 15	Per Point	985.00	10.00	9,850.00
4	Providing and fixing three pin 5Amps plug and socket flush type Schedule item 228 page no 33	Per No	151.00	2.00	302.00
5	Providing and fixing three pin 10/15 Amps plug and socket flush type Schedule item 227 page no 33	Per No	162.00	6.00	972.00
6	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no 33	Per No	72.00	10.00	720.00
7	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no 34	Per No	3,020.00	2.00	6,040.00
8	Providing and fixing brass Ceiling fan 66" (good quality) Schedule item 235 page no 34	Per No	3,185.00	12.00	38,220.00
9	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no 34	Per No	2,791.00	2.00	5,582.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					147,524

This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 UPGRADATION OF THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Singh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 3 115: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	CAFETERIA	
				QTY	AMOUNT

I-Wiring & Accessories.

- | | | | | | |
|---|--|-------|--------|-------|---------|
| 1 | Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing. | Point | 3700/- | 6.00 | 19200/- |
| 2 | Same as above schedule item No. 1 wiring of light point from point to point with 1.5 sq mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing. | Point | 1200/- | 16.00 | 19200/- |
| 3 | Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq mm single core (Green) insulated wire as ECC, complete as per specification & drawing. | Point | 4600/- | 4.00 | 18400/- |
| 4 | Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing. | Point | 3800/- | 2.00 | 7600/- |
| 5 | Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing | | | | |
| | a) 1 Gang switch | No. | 150/- | 3.00 | 450/- |
| | b) 2 Gang switch | No. | 250/- | 7.00 | 1750/- |
| | c) 3 Gang switch | No. | 325/- | 4.00 | 1300/- |
| | d) 4 Gang switch | No. | 450/- | 4.00 | 1800/- |

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Uniekot
 Sub Head # 3.11.5: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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6 Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with "leona dub" "Clipsal" make, fixed on plastic or fiber top covered including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet

No. 525/- 10.00 52500/-

b) 15 Amps 3-pin (Simplex) outlet

No. 1350/- 6.00 81000/-

7 Supply, installation, connecting, testing & commissioning of 400 watt Fan (timer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal" make" or approved equivalent, complete as per drawing

No. 850/- 14.00 119000/-

II- Fixtures:

8 Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millet make or approved equivalent, complete as per specification and drawing.

No. 3000/- 8.00 240000/-

9 Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent

No. 1800/- 2.00 36000/-

10 Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W.

No. 3000/- 4.00 120000/-

11 Supply, installation, connecting, testing & commissioning of following tubrescent light fixture Philips type or approved equivalent, complete in all respects.

a) GMP-136 with 1x36W TLD Lamp

No. 1800/- 26.00 468000/-

b) GMP-236 with 2x36W TLD Lamps

No. 3000/- 15.00 450000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umer
 Job Head # 3.11.5, Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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III- Distribution Boards & Earthing:

- 12 Supply, installation, connecting, testing and commissioning of wall mounting Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per drawing with all respects.
 a) LPDB-KIT

Set 24500/- 1.00 24500/-

- 13 Providing and fixing Copper Rod having conical end to be buried after providing 3" dia hole in ground at a depth of 12' -0" or less if water comes out from the ground level, including providing earth powder fixing copper rod, including earth clamp, earth leads 2x 4SWG in 2" dia G.I pipe, complete as per drawing with all respects.

Set 75000/- 1.00 75000/-

IV- Telephone & TV Antenna:

- 14 Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.

Rft 35/- 100.00 3500/-

- 15 Supply, installation, connecting, testing and commissioning of 2 Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.

Rft 25/- 100.00 2500/-

- 16 Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.

No. 1500/- 2.00 3000/-

- 17 Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing.

Set 15000/- 1.00 15000/-

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM

549850/-

This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 REHAB-DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Saudi
 Name of Project: Upgradation of THQ Hospital to the level of DHQ, (Unit of Ummerkot)
 Sub Head # 3 11 B: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)				SUB STATION	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-77,052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no 6	Per Meter	452.00	90.00	42,600.00
2	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	24.00	19,128.00
3	Wiring for plug point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	2.00	1,970.00
4	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00
5	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	9.00	1,458.00
6	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	10.00	720.00
7	Providing and fixing brass Ceiling fan 56" (gt. od quality) Schedule item 235 page no.34	Per No	3,185.00	1.00	3,185.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					69,663

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Handwritten Signature]



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospitals to the level of DHQ Hospitals - 1/Ummerkot
 Sub Head # 3.11 a: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS				SUB STATION	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
I. Wiring & Accessories.					
1	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc. recessed in wall, column, roof etc. including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	3,000.00	3.00	9,000.00
2	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc. recessed in wall, column, roof etc. including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	2,200.00	5.00	11,000.00
3	Same as above item No. 2 but power plug outlet to outlet, complete as per specifications and drawing.	Point	1,500.00	4.00	6,000.00
4	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.	No.	650.00	7.00	3,850.00
	h) 2 Gang switch	No.	650.00	2.00	1,300.00
	d) 4 Gang switch	No.	650.00	2.00	1,300.00
5	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top, covered including 14 SWG metal board with earth terminal recessed on wall or column, complete as per specification and drawing.	No.	550.00	2.00	1,100.00
	a) 10 Amps 3-pin switch & socket outlet	No.	550.00	2.00	1,100.00

[Signature]
 PROJECT DIRECTOR
 HEALTH DEPT. GOVT. HOSPITALS
 SINDH



Name of Client: Health Department Government of Singh
 Name of Project: Upgradation of THQ Hospital, to the level of DHO HC (b) at Umarkot
 Sub Head # 3.11.6: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	SUB STATION	
				QTY	AMOUNT
6	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Cipsal make" or approved equivalent, complete as per drawing	No.	850.00	1.00	850.00
II- Fixtures:					
7	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Prielite 302015 oval 60W	No.	1,200.00	6.00	7,200.00
8	Supply, installation, connecting, testing & commissioning of following fluorescent light fixture: Philips type or approved equivalent, complete in all respects.				
	a) GMP-136 with 1x36W TLD Lamp	No.	1,300.00	2.00	2,600.00
	b) GMP-236 with 2x36W TLD Lamps	No.	2,600.00	15.00	39,000.00
III- Distribution Boards & Earthing:					
9	Supply, installation, connecting, testing and commissioning of wall mounting Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per drawing with all respects:				
	a) LPDB-SS	Set	35,000.00	1.00	35,000.00
IV- Telephone & TV Antenna:					
10	Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft.	25.00	50.00	1,250.00
11	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing	Rft.	35.00	50.00	1,750.00

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Name of Client Health Department, Government of Sindh
 Name of Project Upgradation of THQ Hospital to the level of DHO Hospital at Unnkor
 Sub Head # 3 : 116 Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

SUB STATION:

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
12	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	650.00	1.00	650.00
13	Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	1,500.00	1.00	1,500.00
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM					* 122050/-

* This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Govt. of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of HQ Hospital - Umerkot
 Sub Head # 3.11.7: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	GUARD ROOM	
				QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required Schedule item 40 page no 6	Per Meter	613.00	60.00	36,780.00
3	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 124 page no 15	Per Point	797.00	16.00	12,752.00
4	Wiring for plug point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required Schedule item 126 page no 15	Per Point	985.00	2.00	1,970.00
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no 33	Per No	151.00	2.00	302.00
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no 33	Per No	162.00	4.00	648.00
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 270 page no 33	Per No	72.00	10.00	720.00
10	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no 34	Per No	3,185.00	2.00	6,370.00
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no 34	Per No	2,791.00	1.00	2,791.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					62,333

This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)


 PROJECT DIRECTOR
 RELAB/DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Gungkot
 Sub Head # 3:11.7: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	GUARD ROOM	
				QTY	AMOUNT

I- Wiring & Accessories.

- | | | | | | |
|---|--|-------|--------|------|-----------|
| 1 | Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc. recessed in wall, column, roof etc. including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing | Point | 3200/- | 200 | 64000/- ✓ |
| 2 | Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc. recessed in wall, column, roof etc. including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing | Point | 4600/- | 2.00 | 9200/- ✓ |
| 3 | Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing | Point | 3800/- | 2.00 | 7600/- ✓ |
| 4 | Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing
b) 2 Gang switch
d) 4 Gang switch | No. | 250/- | 2.00 | 500/- ✓ |
| | | No. | 450/- | 2.00 | 900/- ✓ |
| 5 | Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing
a) 10 Amps 3-pin switch & socket outlet | No. | 525/- | 2.00 | 1050/- ✓ |



PROJECT DIRECTOR
 HEALTH DEPARTMENT
 THQ HOSPITALS
 SINDH

Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Mirskot
 Sub Head # 3.11.7: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	GUARD ROOM	
				QTY	AMOUNT
6	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing	No	850/-	2.00	1700/-
II- Fixtures:					
7	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Milfat make or approved equivalent, complete as per specification and drawing	No.	3000/-	2.00	6000/-
8	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent	No	1800/-	2.00	3600/-
9	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk head light fixture with aluminum reflector with 60W GLS lamp Pirrite 302015 oval 60W	No.	3000/-	6.00	18000/-
10	Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects: a) GMP-135 with 1x36W TLD Lamp	No	1800/-	2.00	3600/-
III- Distribution Boards & Earthing:					
11	Supply, installation, connecting, testing and commissioning of wall Recessed mounted 15Amps T.P. box, complete as per drawing with all respects	Set	1500/-	2.00	3000/-
IV- Telephone & TV Antenna:					
12	Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	R/L	35/-	100.00	3500/-

[Signature]
 PROJECT DIRECTOR
 HEALTH AND THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THD Hospital to the level of District Hospital at Umerkot
 Sub Head # 3.11.7: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	GUARD ROOM	
				QTY	AMOUNT
13	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing	Rft	25/-	100.00	2500/-
14	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1500/-	2.00	3000/-
15	Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing	Set	15000/-	1.00	15000/-
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM					112550/-

* This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)

[Signature]
 PROJECT DIRECTOR
 HOSPITAL
 SINDH


EXTERNAL DEVELOPMENT

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT

SUMMARY OF EXTERNAL DEVELOPMENT

S. No.	Particular	Bill of Quantities		Total Amount
		Amount		
1	Cost of Civil Works	69870737/-		
2	Cost of Plumbing Works	6945270/-		
3	Cost of Electrical Works	52086582/-		
Total Amount of External Development				*** 11,077,264/-



Note : *** This amount shall be carried over to Grand Summary

[Handwritten Signature]

PROJECT DIRECTOR
REHAB DHQ & THQ HOSPITALS
SINDH



**UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT**

EXT. DEV.
Sindh Govt

SUB-SUMMARY OF CIVIL WORKS (EXTERNAL DEVELOPMENT)

Sl. No.	Particular	Amount of Schedule Items	Amount of Non-Schedule Items	Total Amount
4.1.1	Road / Walkway / Lawn	51,257.000	1,657,700.00	
4.1.2	Underground Tank	2,000.000	89,350.00	
4.1.3	Septic / Soakaway Pit	2,000.000	1,52,150.00	
Amount of Schedule & Non-Schedule Items		59,100.153	1,90,550.00	61,005,713/-
15 <i>Abne</i>		+8865074/-		-8865074/-
Total Amount of Schedule & Non-Schedule Items		67965187/-	1,90,550.00	69,870,737/-
Total Amount of Civil Works				**69,870,737/-



Note : ** This amount shall be carried over to Summary of External Development



[Signature]
PROJECT DIRECTOR
REHAB. DHQ & THQ HOSPITALS
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ROAD / WALKWAY / LAWN	
				QTY	AMOUNT
A Road Works					
1	Making Embankment of earth from borrow pits w/c laying in 6" thick layers, clod breaking, ramming dressing complete lead upto 100 ft. lift upto 5' (ordinary soil) (Page No. 1, Item No.5)	%OCft	2208.37	292,140	645,153
2	Earth work compaction by sheep foot roller and power roller with optimum moisture content. A) For 95-100% modified AASHTO Density. (Page No. 2, Item No. 7(a))	%OCft	3975.35	292,140	1,161,359
3	Preparation of sub-grade including earth excavation or filling to an average depth of 9" dressing to camber and consolidation with power roller. (Page No. 2, Item No.9)	%Sft	526.28	61,880	325,662
4	Preparing sub-base course by supplying and spreading stone metal 1-1/2" to 2" gauge of approved quality from approved quarry in required thickness to proper camber and grade including hand packing filling voids with 20 cft of pit/canal sand having plasticity index not more than 6% of suitable quality watering and compacting to achieve 95-100% density as per modified AASHTO specification (Rate includes all cost of materials T&P and carriage upto 3 chains) (Page No.3 Item No.11-a)	%Cft	4381.76	46,410	2,033,575
5	Providing and laying Aggregate base course in proper grade and camber having CBR 80% as per AASHTO standard specification, including spreading and compaction by approved mechanical means (Motor grader, vibratory roller and smooth wheel roller etc.) watering to maintain the moisture content the compaction of each layer shall 100 percent to the max dry density (rate including all cost of materials T&P and carriage upto 3 chains). (Page No. 5, Item No.13-b)	%Cft	5542.24	39,940	1,714,769

[Signature]
 REHAB:DHQ W/O THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	ROAD / WALKWAY / LAWN	
				QTY	AMOUNT
6	Applying priming coat or tack coat with approved binder at the required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc. complete. (Page No.12 Item No.31)	%Sf	64.96	61,880	40,197
7	2" thick Asphalt Concrete Wearing Course Plant Mix: Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic/Electronic control) Prepared to specified formula according to job mix formula approved by Engineer incharge including rolling and finishing to properline, grade level and camber etc.(Machinery with POLs cost of material carriage) (Page No.10 Item No.24-B)	%Sf	8274.73	61,880	5,120,403
8	Providing and fixing precast Edge Block 3750 PSI industrial Made size 6 inches thick x 12 inches long x 12 inches high including the cost of cartage, excavation form work for haunching 1450 PSI lean concrete, 2250 PSI concrete for haunching 1:4 cement sand mortar. (Page No.16 Item No.14)	Rft	297.01	7,140	2,120,651
9	Pavement Marking in reflective Thermo plastic paint for Lines of 8" width. (Page No.15 Item No.13)	Rft	41.24	1,300	53,612
TOTAL COST OF "A"					13,215,381


 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.1.1: External Development - Civil Works.

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
B Walk Way					
1	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. Ratio 1:4:8 (Page No.16, Item No.5(i))	%Cft	11288.75	11,720	1,323,042
2	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. Ratio 1:3:6 (Page No.16, Item No.5-h)	%Cft	12595.00	8,880	1,118,436
3	Laying soft soil / sand in 6" layers, levelling, dressing & watering for compaction etc. complete. (Page No.18, Item No.24-b(b))	%0Cft	354.00	6,035	2,136
4	Providing and fixing cement paving blocks flooring having size of 197 x 97 x 80 (mm) of city / quddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc. complete. (Page No.50, Item No.74)	Sft	248.17	18,900	4,690,413
5	Dry brick paving laid flat, sand grouted including preparation of bed by watering ramming and bringing the same to proper camber by 1/2" thick mud plaster. (Page No.40, Item No.4)	%Sft	2607.36	10,500	273,773

[Signature]
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of L1 Hospital at Umerkot
 Sub Head # 4.1.1 External Development - Civil Works

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	ROAD / WALKWAY / LAWN	
				QTY	AMOUNT
6	Dry brick on edge paving sand grouted including preparation of bed by watering ramming and bringing the same to proper camber by 1/2" thick mud plaster. (Page No 40, Item No.5)	sqm	3823.57	6,100	233,238
TOTAL COST OF "B"					7,641,037



[Signature]
 PROJECT DIRECTOR
 REHABILITATION & THQ HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of Tiro Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4 1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ROAD / WALKWAY / LAWN	
				QTY	AMOUNT
C Green Lawn					
1	Leveling, dressing and making lawns. (Page No.103, Item No.42)	Sft	181.50	221,000	401,115
2	P/L Cow dung manure (Page No.104, Item No.44)	% Cfr	289.12	55,260	159,768
3	Turfing slopes of banks or lawns with grass sods including ploughing, laying, setting and watering (Turf got from within a distance of 5 miles and maintenance for 15 days) (Page No.5, Item No.27)	% Sft	1210.00	221,000	2,674,100
TOTAL COST OF "C"					3,234,933

[Handwritten Signature]



PROJECT DIRECTOR
 REHAB:DHQ & HQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DH Hospital at Umerkot
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
D Boundary Wall					
1	Excavation in foundation of Building Bridges and other structures including daggling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In ordinary soil [Page No.4, Item 18(b)]	0%Ch	3176.25	84,000	296,805
2	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering). Foundation Lean Ratio 1:4:8 [Page No.16, Item No.5(i)]	%Ch	11289.25	9,670	1,091,574
3	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering). SITU Ratio 1:3:6 [Page No.16, Item No.5(h)]	%Ch	12595.00	7,300	919,435
4	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering). PCC Coping Ratio 1:2:4 [Page No.16, Item No.5(f)]	%Ch	14429.25	1,460	210,687
5	Erection and removal of centering for R.C.C or plain cement concrete works of Partal Wood (2nd Class) [Page No.18, Item No.19(b)-ii]	%Sft	3127.41	24,600	785,343



[Handwritten Signature]

PROJECT DIRECTOR
 HEAD, DHO & CHQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) a) R.C. Work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (i) Ratio (1:2:4) 90 Lbs cement 2 Cft Sand 4 Cft. Single 1/8" to 1/4" gauge. [Page No.17, Item No.6(a)-i] A) R.C.C Footing	Cft	337.00	12,250	4,128,250
	B) RCC Plinth Beam	Cft	337.00	8,740	2,945,380
	C) RCC Column	Cft	337.00	6,800	2,291,600
7	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust) (b) Using Tor bars [Page No.17, Item No.8(b)]	Cwt	5001.70	1,490	7,452,533
8	Bitumen coating to plastered or cement concrete surface. (Page No.71, Item No.9)	%Sft	778.09	72,400	563,337
9	Pacca brick walling laid in 1:3 cement sand mortar reinforced with 1" wide 18 gauge hoop iron: (ii) 4-1/2" thick walling with hoop iron bounding 12" apart (clading). [Page No.25, Item No.20(ii)]	%Sft	5840.16	3,250	189,805

[Signature]
 PROJECT DIRECTOR
 PHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	Pacca brick walling laid in 1:3 cement sand mortar reinforced with 1" wide 18 gauge hoop iron: (IV) 3" thick walling with hoop iron bounding 12" apart (clading). [Page No.25, Item No.20(iv)]	%Sft	4207.28	4,500	189,328
11	Pacca brick work in ground floor (masonry) [Page No.21, Item No.5(l)-e]	%Cft	12674.38	16,800	2,129,292
12	Cement plaster 1:6 upto 12' height (c) 3/4" thick [Page No.52, Item No.13(c)]	%Sft	2590.50	83,100	2,152,706
13	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk / plaster of Paris and then painting with weather coat of approved make. (3 Coats) [Page No.56, Item No.38(a) & (b)]	%Sft	2567.95	83,100	2,133,966
14	Fabrication of heavy steel work with angles, tees, flat iron, round iron and sheet iron for making trusses, girders, tands etc. including cutting, drilling, riveting, handling assembling and fixing but excluding erection in position. M.S Fence [Page No.91, Item No.2]	Cwt	4928.49	230	1,133,553
15	Painting New Surfaces Preparing surface and painting guard bars, gates of iron bars, gratings, railings (including standards braces, etc.) and similar open work. (3 Coats of Enamel Paint) [Page No.70, Item No.5(d)- I & II]	%Sft	1270.83	3,600	45,750



[Handwritten Signature]
 DIRECTOR

UPGRADATION OF THQ HOSPITAL AT UMERKOT

Name of Client: Health Department, Government of Sindh.
 Name of Project: Upgradation of THQ Hospital to the level of I HQ Hospital at Umerkot
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ROAD / WALKWAY / LAWN	
				QTY	AMOUNT
16	Providing and laying HALA or pattern tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification joint in white cement and pigment over a base of 1" dry cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shade with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile (Page No 48, Item No 51)	Sq. Sft	47051.50	780	371,602
17	Making & fixing steel grated door with 1/16" thick sheeting including angle iron frame 2"x2" 3/8" and 3/4" square bars 4" centre to centre with locking arrangement. (Page No 92, Item No 24)	Sft	726.72	400	290,688
TOTAL COST OF "D"					29,275,694
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					53,367,095

* This Amount is carried over to sub-summary of Civil Work (External Development)



[Signature]
 PROJECT DIRECTOR
 CHAB:DHQ & THQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 4.1.1: External Development - Civil Work

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	ROAD / WALKWAY / LAWN	
				QTY	AMOUNT
1	Providing and spreading sweet earth 9" thick for leveling & dressing etc. complete.	sq	10/-	165,770	1657700/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					1657700/-

* This Amount shall be carried over to sub-summary of Civil Work (External Development)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	UNDERGROUND TANK	
				QTY	AMOUNT
1	EARTH WORK				
	Jungle Clearance and removing within 100 ft x 100 ft (Page No.95, Item No. 4a light)	%Sft	75.63	950	718
2	EXCAVATION IN SOFT SOIL				
2.1	Excavation for tank and reservoir in soft soils i/c trimming and dressing sides to true alignment/design section/profiles and shaping/levelling of beds of trenches to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus earth. Excavation earth within 4 one chain as directed by Engineer incharge i/c providing fenceguards, light, flags and temporary crossings for nonvehicular traffic where ever required lift upto 5'ft.(1.52m)and lead upto one chain(30.5m) Page No.67 Item No.1	%OCft	3,000.00	4,115	12,345
2.2	Add for additional lift of every three ft or part thereof in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits, 5'0"ft to 8'-0" (Page No.67,74 Item No.1,16)	%OCft	3,550.00	2,470	8,769
2.3	Add for additional lift of every three ft or part thereof in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits, 8'-0"ft to 11'-0" (Page No.67,74,74 Item No.1,16,16)	%OCft	4,100.00	2,470	10,127
2.4	Add for additional lift of every three ft or part thereof in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits, 11'-0"ft to 14'-0" (Page No.67,74,74,74 Item No.1,16,16,16)	%OCft	4,650.00	2,470	11,486
3	IMPORTED EARTH FILLING				
3.1	Filling watering and ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22) lead 5 feet.	%DCft	3,530.00	1,500	5,445
4	BITUMEN COATING				
4.1	Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	779.09	1,350	10,504

[Signature]
 PROJECT DIRECTOR
 REHAB-DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - (CSR-2012)

UNDERGROUND TANK

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	BILLING OR PUMPING				
5.1	Bailing or pumping out sub soil water during excavation concreting cast in situ concrete or masonry work in foundation etc. (Page No 75 Item No 18)	%Cft	543.00	10,000	54,300
6	CC 1:4:8				
6.1	Cement concrete brick or stone ballast 1-1/2" to 2" gauge. (Page No. 16, Item No. 5-F) Ratio 1:4:8	%Cft	11,288.75	412	46,510
7	CC 1:2:4 (FINISH FLOOR)				
7.1	Cement concrete plain including placing compacting, finishing and curing complete including screening and washing of stone aggregate without shuttering. (Page No. 16, Item No. 5-F) Ratio 1:2:4	%Cft	14,429.25	1,065	153,672
8	PUCCA BRICK WORK				
8.1	Pucca brick work in ground floor in. (Specs. 21.1 Cement Sand Mortar (1.6) [Page No. 21, Item No. 5(c)]	%Cft	13,227.41	480	63,492
9	REINFORCED CEMENT CONCRETE				
9.1	Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering. (Page No. 16, Item No. 6)	Cft	337.00	3,100	1,044,700
(a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
(i)	Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				



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PROJECT DIRECTOR
 BLHS-DHQ & THQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umrikot
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	UNDERGROUND TANK	
				QTY	AMOUNT
11	STEEL REINFORCEMENT				
11.1	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) [Page No. 17, Item No. 8-a Tor bar	Cwt	4,820.20	40	192,808
	(b) TOR Steel	Cwt	5,001.70	200	1,000,340
12	1/2" THICK SURFACE RENDERING				
12.1	Cement Sand Plaster 1:4 upto 20' height (Specs. 25.1-25.6) (a). 1/2" thick (Page No. 52, Item No. 11-b)	%Sft	2,283.93	2,285	52,188
13	3/4" THICK SURFACE RENDERING				
13.1	Cement Sand Plaster 1:4 upto 20' height (Specs. 25.1-25.6) (a). 1/2" thick (Page No. 52, Item No. 11-c)	%Sft	3,015.76	1,940	58,506
14	DISTEMPER				
14.1	Preparing surface and painting with distemper paint Three coats. (iii) Page No.54, item No 24-c)	%Sft	1,079.65	532	5,744
15	PLASTIC EMULSION				
15.1	Preparing the surface and painting with Plastic emulsion paint of approved make l/c rubbing the surface with sand paper filling the voids with chalk/plaster of paris and then pating etc complete. Page No.56, item No 40-B).	%Sft	1,659.35	1,084	17,987
16	WEATHER COAT				
16.1	Preparing the surface and painting with weather coat l/c rubbing the surface with rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (page No.56 Item No.38-A)	%Sft	1,328.25	1,203	15,979
17	TERMITE PROOFING				
17.1	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc, complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	950	9,253

[Signature]
 PROJECT DIRECTOR
 REHAD:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	UNDERGROUND TANK	
				QTY	AMOUNT
18	ROOF TREATMENT				
18.1	Single layer of tile 9"x 4 1/2" x 2" laid over 4" earth 1" mud plaster without bosa grouted with cement sand 1:3 on top of RCC slab provide with 34 lbs bitumen coating sand blinded. (Page No 34 Item No 5)	Sq.Sft	5,310.15	532	28,251
19	STEEL DOOR				
19.1	Supplying and fixing special heavy type steel doors for look-ups with angle iron frame of 2-1/2" to 2-1/2" x 3/8" size and shutter 2"x2"x3/8" with 1" diameter M.S bars placed @4" center to center with aseparte locking box having size of 12"x12" of M.steel sheet embeded in masonry with proper locking arrangement as per approved design including cost of erection of steel gate and fixing in masonry wall in cement concrete 1:2:4 etc complete as per instructions of Engineer Incharge. (Page No 93 Item No.27)	Per Sft	930.76	51	47,469
19.2	Providing and fixing float guage arrangments of M.S angle iron 2" x2" x 1/4" of approved design i/c painting lettrting etc complete. (Page No.55 Item No.5)	Rft	425.00	10	4,260
19.3	Providing expansion joint in concrete work of 9" wide corugated PVC waterstop (with bulb) i/c soldering cost of material and labour etc complete. (Page No.56 Item No.B-2)	Rft	86.00	100	8,600
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					2,863,451

This Amount is carried over to sub-summary of Civil Work (External Development)



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PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of HQ Hospital at Umarkot
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	UNDERGROUND TANK	
				QTY	AMOUNT
1	STONE SOLING Providing and laying soling stone 6 inches to 9 inches size under floors including packing with spawls and chips and consolidating, compaction etc. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	P.Sft	40/-	520	24800/-
2	PAINTING IRON WORK Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	P.Sft	30/-	285	8550/-
3	STEEL WINDOW Providing and fixing fully glazed double leaf hung steel windows and ventilators with iron grill made to crittal or equivalent standard and of approved sections painted with two coats of red oxide paint including using approved brass section oxidized fitting, iron lugs, cutting holes and making good damages to wall etc. complete in all respect as per drawings, specifications and instructions of the Architect / Engineer up to any height and any floor.	Sft	500/-	112	56000/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					89350/-

This Amount shall be carried over to sub-summary of Civil Work (External Development)

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PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 Sindh

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 4.1.3: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	SEPTIC / SOAKAGE PIT	
				QTY	AMOUNT
1	Jungle Clearance and removing within 100 ft A) (Page No.95, Item No. 4a light)	%Sft	75.63	800	805
2	EXCAVATION IN SOFT SOIL				
2.1	Excavation for tank and reservoir in soft soils i/c trimming and dressing sides to true alignment/design section/profiles and shap levelling of beds of trenches to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surplus earth Excavation earth within a one chain as directed by Engineer incharge i/c providing fenceguards, light, flags and temporary crossings for nonvehicular traffic where ever required lift upto 5'ft (1.52m) and lead upto one chain (30.5m) Page No.67 Item No.1	%0Cft	3,000.00	3,795	11,385
2.2	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 5'0"ft to 8'-0" (Page No.67,74 Item No.1,16	%0Cft	3,550.00	2,277	8,083
2.3	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 8'-0"ft to 11'-0" (Page No.67,74,74 Item No.1,16,16	%0Cft	4,100.00	2,277	9,336
2.4	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 11'-0"ft to 14'-0" (Page No.67,74,74,74 Item No.1,16,16,16	%0Cft	4,650.00	2,277	10,588
2.5	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 11'-0"ft to 14'-0" (Page No.67,74,74,74 Item No.1,16,16,16	%0Cft	5,200.00	2,277	11,840
2.6	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 11'-0"ft to 14'-0" (Page No.67,74,74,74 Item No.1,16,16,16	%0Cft	5,750.00	2,277	13,093

PROJECT DIRECTOR
 REHABILITATION OF HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 4 1.3: External Development - Civil Works

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	R. TE	SEPTIC / SOAKAGE PIT	
				QTY	AMOUNT
3	IMPORTED EARTH FILLING Filling watering and ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22) lead 5 feet.	%Cft	3,030.00	4,000	14,520
4	BITUMEN COATING Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	77,009	500	3,890
5	BILLING OR PUMPING Bailing or pumping out sub soil water during excavation concreting cast in situ concrete or masonry work in foundation etc. (Page No. 75 Item No. 18)	%Cft	543.00	40,000	217,200
6	CC 1:4:8 Cement concrete brick or stone ballast 1-1/2" to 2" gauge. (Page No. 16, Item No. 5-I) Ratio 1:4:8	%Cft	11,288.75	380	42,897
7	CC 1:2:4 (FINISH FLOOR) Cement concrete plain including placing compacting, finishing and curing complete including screening and washing of stone aggregate without shuttering. (Page No. 16, Item No. 5-F) Ratio 1:2:4	%Cft	14,429.25	600	86,576
8	PUCCA BRICK WORK Pucca brick work in ground floor in. (Specs. 21-1 Cement Sand Mortar (1:6). [Page No. 21, Item No. 5(c)]	%Cft	13,227.41	25	3,307
9	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering. (Page No. 16, Item No. 6)	Cft	337.00	3,300	1,112,100
10	R.C. Work in Roof Slab, beams columns raft, intels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 3/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				

[Signature]
 PROJECT DIRECTOR
 Sindh
 DHO & THQ HOSPITALS



SEPTIC - SOAKAGE PIT
BOQ-C-33

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of JHC Hospital at Umerkot
 Sub Head # 4.1.3: External Development - Civil Works

CIVIL WORK - (CSR-2012)

SEPTIC / SOAKAGE PIT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	STEEL REINFORCEMENT Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a Tor bar	Cwt	4,820.20	50	241,010
	(b) TOR Steel	Cwt	5,001.70	200	1,000,340
11	1/2" THICK SURFACE RENDERING Cement Sand Plaster 1:4 upto 20' height (Specs. 25.1-25.6) (a). 1/2" thick (Page No. 52, Item No. 11-b)	%Sft	2,283.93	1,800	41,111
12	3/4" THICK SURFACE RENDERING Cement Sand Plaster 1:4 upto 20' height (Specs. 25.1-25.6) (a). 1/2" thick (Page No. 52, Item No. 11-c)	%Sft	3,015.76	500	15,079
13	FLOORING Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	3,300.00	360	11,880
14	TERMITE PROOFING Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc, complete as per directions of Enginner Incharge (Page No. 108 Item No. 92)	Per Sft	9.74	800	7,792
15	Providing C.I Manhole cover & frame i/c cost of material ect (Page No. 35 Item No. J-1)	Cwt	1.00	6,985	6,985
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					2,869,617

This Amount is carried over to sub-summary of Civil Work (External Development)

PROJECT DIRECTOR
 REPAIR, DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.1.3: External Development - Civil Works

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	SEPTIC / SOAKAGE PIT	
				QTY	AMOUNT
1	Providing and fixing in RCC walls M.S. Mild steel foot rest 3/4" dia of 24 inches length and 6 inches projected respect as per instruction of engineer	Each	1500/-	25	52500/-
2	Providing goose neck Air vent pipe 4" dia U shape fixed in RCC slab with brass netting on one end	Each	2000/-	3	6000/-
SOAKGE PIT					
3	Construction of 8'-0" dia soakge pit as per drawing and specification complete in all respect as per instruction of the Engineer	Each	50000/-	2	100000/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*158500/-	

This Amount shall be carried over to sub-summary of Civil Work (External Development)



[Signature]
 PROJECT DIRECTOR
 PSHR DHQ & THQ HOSPITALS
 SINDH

EXT. DEV.
Saini Plumbing

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT

SUB-SUMMARY OF PLUMBING WORKS (EXTERNAL DEVELOPMENT)

S. No.	Particular	Amount of Schedule Items	Amount of Non-Schedule Items	Total Amount
4.2.1	External Plumbing works	6,565,270	4,00,000/-	6,96,52,70/-
	Amount of Schedule & Non-Schedule Items	6,565,270	4,00,000/-	6,96,52,70/-
	5% Add-on / Below / At Par	3,28,264.0	NIL	3,28,264/-
	Total Amount of Schedule & Non-Schedule Items	6,565,270/-	4,00,000/-	1,72,93,534/-
	Total Amount of Civil Works	6,893,534/-		** 72,93,534

Note : * * This amount shall be carried over to Summary of External Development



PROJECT DIRECTOR
REHAB. DHQ & THQ HOSPITALS,
SINDH

Name of Client: Health Department, Government of Sindh.
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - (CSR-2012)

EXTERNAL DEVELOPMENT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	EXCAVATION Excavation for pipe line in trenches and pit in all kind of soils of murum including trimming and dressing sides to true alignment and shape levelling of bed of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer Incharge. Providing fence guards, light, flags and temporary crossings for non-vehicular traffic where ever required lift upto 5ft (: 52m) and lead upto one chain(30.5m) (Page No.62 Item No.5)	%Cft	4,650.00	17,800	82,770
2	BED CONCRETE Cement concrete plain including compacting finishing and curing complete including screening and washing at stone aggregate with shuttering (Page No 16 Item No.5-i) 1:4:8	%Cft	11,288.75	1,200	135,465
3	BACK FILLING Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5Ft (Page # 4 Item # 21)	%Cft	1,512.50	14,800	22,385
4	UPVC PIPE Providing laying upvc pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400 ft.				
	6" dia pipe (Page No.24 Item No.6-k)	Rft	483.00	800	386,400
	8" dia pipe (Page No.24 Item No.6-L)	Rft	737.00	950	700,150
	10" dia pipe (Page No.24 Item No.6-m)	Rft	1,364.00	300	409,200
	12" dia pipe (Page No.24 Item No.6n)	Rft	1,909.00	250	477,250

[Signature]
PROJECT DIRECTOR
HEALTH & THQ HOSPITALS
SINDH



Name of Client: Health Department, Government of India
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - (CSR-2012)

EXTERNAL DEVELOPMENT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	MANHOLE Constructing manhole for the required dia of circular sewer and 7'-9" depth with walls of BB in cement mortar 1:3 cement plastered 1:3, 1/2" thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 2'x2'(610x610 mm) of 4.5 cwt embaded in plain C.C 1:2 and two way reinforced 6" thickness i/c fixing 1"(25 mm) dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc, complete as per standard specification and drawing (page No 47 item No 2-a) 4" to 9" dia 4' x 3'-0" x 7'-9"	Each	42,745.00	45	1,923,525
6	SEWERAGE CONNECTION Making connection with the existing manholes including the cost of cutting holes in wall making them good in cement concrete 1:2:4 and making the required channel etc, complete. (Page No.31 Item No.3)	Each	180.00	2	360
7	WATER CONNECTION Making the connection with public Health mains for the house hold filing with M.S clamps, socket screw etc complete. (Page No.18 Item No.10 c)	Each	526.90	2	1,054
8	VALVES Providing and fixing full way gun metal valves with wheel threaded or flanged ends with rubber washer. 3" dia (Page No.17 Item No.4-b-viii)	Each	1,940.84	3	5,823
	4" dia (Page No.17 Item No.4-b-ix)	Each	3,095.84	3	9,288

(Handwritten Signature)

PROJECT DIRECTOR
HEALTH DEPARTMENT & THQ HOSPITALS
SINGH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - (CSR-2012)

EXTERNAL DEVELOPMENT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	MAN HOLE Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6" depth with walls of BB in cement mortar 1:3 cement plastered 1:3, 1/2" thick, inside of wall and 1" over benching and channel w/c fixing C.I manhole cover with frame of clear opening 1-1/2'x1-1/2'(457x457 mm) of 1.75 cwt embaded in plain C.C 1:2:4 and two way reinforced 6" thickness w/c fixing 1"(25 mm) dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc, complete as per standard specification and drawing (page No 47 itemNo 2-b) 4"to 12" dia 4'-6"x3'x7'-9"	Each	45,049.00	46	2,027,205
10	M H COVER Manufacturing and supplying of 24"RCC manhole cover cast in 1:2:4 concrete ratio 3 inch deep at center, reinforced with 1/2" dia tor steel bars at 4" center to center welded to 3/16" thick 2" wide M.S plate two hook of 3/8" dia tor bar including compacting including curing and transportation with in 10 miles. (Page No.31 Item No. 1-b)	Each	1,051.25	90	94,613
11	WATER CONNECTION Making the connection with public Health mains for the house hold filing with M.S clamps, socket screw etc complete. (Page No.18 Item No.10 c)	Each	526.90	2	1,054
12	VALVE CHAMBER Providing chambers 15" x 9" (inside dimensions) x 24" deep for stop cocks and valve, with 4-1/2" thick burnt brick masonry walls in 1:6 CM 6" thick C.C. 1:4:8 in foundation 1/2" thick cement plaster in 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with cast iron hinged cover and frame 9" x 6" (inside) clear opening (Wt:1/2 Qr) etc. fixed in cement concrete 1:2:4 including curing, excavation back filling and disposal of earth etc complete. (page No 20 Item No.3	Each	2,233.02	10	22,330

[Signature]
 PROJECT DIRECTOR
 HEAD, OHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Umerkot
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - (CSR-2012)

EXTERNAL DEVELOPMENT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	2" dia UPVC PIPES Providing and laying 2" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-f	Rft	65.00	1,000	65,000
14	3" dia UPVC PIPES Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h	Rft	226.00	300	67,800
15	4" dia UPVC PIPES Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h	Rft	334.00	400	133,600
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					** 6,565,270

** This amount is carried over to Summary of External Development



PROGRAMME DIRECTOR
REHABILITATION & HQ HOSPITALS
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Interkot
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - NON-SCHEDULE ITEMS

EXTERNAL DEVELOPMENT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	FIRE HOSE CABINET Fire hose cabinet size 1800 mm X 900 mm X 300 mm including 65mm X 35 m synthetic hose pipe, 20 mm size nozzle, front, breakable glass lock coupling and all other accessories as specified herein, complete in all respect as per direction of the Engineer-in-Charge.	Each	25000/-	4	100000/-
2	Natural Gas networking as per drawing and instruction of the Engineer.	Job	1300000/- LS		1300000/-
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					1400000/-

** This amount shall be carried over to Summary of External Development



PROJECT DIRECTOR
 PLUMBING & THQ HOSPITALS
 SINDH

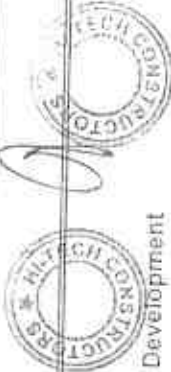
EXT. DEV.
Sum. Electrical

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT

SUB-SUMMARY OF ELECTRICAL WORKS (EXTERNAL DEVELOPMENT)

S. No.	Particular	Amount of Schedule Items	Amount of Non Schedule Items	Total Amount
4.3.1	External Development & Sub-Station Equipment	16,280,132	3,76,91,000/-	53,97,11,322/-
	Amount of Schedule & Non Schedule Items	16,280,132	3,76,91,000/-	53,97,11,322/-
	..... % Above / Below / At	3,14,00,71/-		81,40,00,71/-
	Total Amount of Schedule & Non-Schedule Items	17,09,41,394/-	3,76,91,000/-	54,78,51,394/-
	Total Amount of Civil Works			** 54,78,51,394/-

Note : * * * This amount shall be carried over to Summary of External Development



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of GHQ Hospital at Umerkot
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - (CSR-2012)

Ext. Dev. & Sub Station Equipment

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
External Cabling:					
1	Providing & Laying (Main or Sub Main) PVC insulated & PVC sheathed with three core copper conductor 300/500 volts size 2.5mm ² Schedule item no.65 page 8	Per Mter	178.00	365	64,970
2	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheathed with 4 core copper conductor 300/500 volts size 2.5mm ² Schedule item no.98 page 12	Per Mter	252.80	100	25,280
3	same as above item but 4 mm ² pvc/pvc Schedule item no.99 page 12	Per Mter	361.00	365	131,765
4	same as above item but 6 mm ² pvc/pvc Schedule item no.100 page 12	Per Mter	500.00	460	230,000
5	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheathed with 4 core copper conductor 300/500 volts size 10 mm ² Schedule item no.101 page 12	Per Mter	742.00	460	341,320
6	Providing & Laying (Main or Sub Main) PVC insulated & PVC Sheathed with 4 core copper conductor 600/1000 volts size 16 mm ² Schedule item no.102 page 12	Per Mter	1,300.00	275	357,500
7	same as above item but 35 mm ² pvc/pvc Schedule item no.104 page 12	Per Mter	2,529.00	200	505,800
8	same as above item but 50 mm ² pvc/pvc Schedule item no.105 page 12	Per Mter	3,312.00	275	910,800
9	same as above item but 95 mm ² pvc/pvc Schedule item no.107 page 13	Per Mter	6,529.00	230	1,501,670
10	same as above item but 120 mm ² pvc/pvc Schedule item no.108 page 13	Per Mter	8,175.00	230	1,880,250
11	same as above item but 150 mm ² pvc/pvc Schedule item no.109 page 13	Per Mter	10,028.00	370	3,710,360
12	same as above item but 250 mm ² pvc/pvc Schedule item no.111 page 13	Per Mter	16,294.00	250	4,073,500

[Signature]
 PROJECT DIRECTOR
 UMERKOT & THQ HOSPITAL
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital, to the level of Hospital at Umerkot
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - (CSR-2012)		Ext. Dev. & Sub Station Equipment			
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Providing & Laying (Main or Sub Main) PVC insulated & PVC Sheeted with 4 core Armoured copper conductor 600/1000 volts size 10 mm ² Schedule item no 112 page 13	Per Meter	1,230.00	450	553,500
External Illumination:					
14	Providing & fixing MS Tubular pole 40 ft long buried in the ground as per following specification 20ft. (6" dia)x 10ft (5" dia)x 10ft (4" dia) = 40 ft. wall thickness 8SWG Base plate 16"x16"x1/4" Two coats red oxide as rust preventive Two coats oil paint Excavation of hard/ soft soil 2'x2'x5' Lean size 2'x2'x6" with 1:4:8 ratio Cc work 1:3:6 cast in-situ in one mould of (1-1/2" dia), including form work, rodding, curing etc., complete with CC collar about 2ft. High from ground level duly plastered as per site requirement & instruction of EI Schedule item no. 138 page 18	Per No	30,311.00	25	757,775
15	Construction RCC foundation as per following specification & instruction of EI for 31ft./40ft. Long tubular pole Excavation of soft/ hard soil 3'x3'x5.5' Stone soiling 3'x3'x6" making lean in the ratio 1:4:8 Length of M ^s Bolts 6-1/2" (3/4" dia) 4 no. and making thread on MS rod Template 16"x16"x1/4" Ring 1/4" dia round bar 4 nos to the welded with MS rod RCC foundation ratio 1:2:4 with size 2'x2'x6'-5" Schedule item no 139 page 19	Per No	15,168.00	32	485,376
16	Manufacturing providing and fixing GI single Arm double arch as per site requirement with the help of hydraulic crane, instruction of EI with following specification GI pipe 2" dia 10SWA 5' long 2 nos MS clamps with nuts and bolts Schedule item no 144 page 21	Per No	2,866.00	25	71,650

[Signature]
 PROJECT DIRECTOR
 REHABILITATION OF HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - (CSR-2012)

Ext. Dev. & Sub Station Equipment

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
17	Manufacturing providing and fixing GI double Arm double arch as per site requirement with the help of hydraulic crane and manual labor as per site requirement, instruction of EI with following specification GI pipe 2" dia 10SWA 5' long MS canopy 5" dia 1" long with nuts and bolts Schedule item no 147 page 21	Per No	3,088.00	6	18,516
18	Providing and fixing of street light 250 watts (SON T) having IP-65 classification with 250W lamp, clock, capacitor and internal wiring complete in all respects at the height with the help of hydraulic crane as per site requirements and instruction of EI. Schedule item no. 162 page 25	Per No	16,100.00	41	660,100
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				**	16,280,132

** This amount is carried over to Summary of External Development



Jv
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS			Ext. Dev. & Sub Station Equipment		
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT

- 1) Sub-station H.T. & L.T. Equipment:
- Supply, installation, connecting, testing & commissioning of VCB H.T. 11KV with Metering Panel up to 400 amps rating 350 MVA complete with CT,s (ratio 25/5 to 100/5) PT over current and earth fault coils in conjunction with triple pole relay emergency trip system also the providing of volt meter and amps., meter with selector switches indication lamps steel sheet cabinet factory wired and painted floor mounted, complete as per WAPDA specification and in all respects and as required for WAPDA Sub-station.
 - Supply, installation, connecting, testing & commissioning of VCB incoming & outgoing H.T. 11KV with Metering Panel up to 400 amps rating 350 MVA complete with CT,s (ratio 25/5 to 100/5) PT over current and earth fault coils in conjunction with triple pole relay emergency trip system also the providing of volt meter and amps., meter with selector switches indication lamps steel sheet cabinet factory wired and painted floor mounted, complete as per specification and in all respects and as required for Hospital.
 - Supply, installation, connecting, testing and commissioning in- door transformer step down 11000/400 volts three phase 50 c/s 1000 KVA as per electricity code and as per WAPDA specification, complete in all respects.
 - Supply, installation, connecting, testing and commissioning of indoor/outdoor 95Sq.mm to 120Sq.mm 3 core 11KV, XLPE heat shrink termination ends Kit, complete in all respects as required.
 - Supply and installation of H.T. 11KV, 3 core 95 Sq.mm stranded copper conductor, cu tape screened PVC bedded and PVC sheathed, XLPE armoured cable, laid in existing all kind of pipes, cable duct, channels etc., as per WAPDA specification as required (without Termination)

Set 1400000/- 1 1400000/-

Set 1400000/- 1 1400000/-

Set 2400000/- 1 2400000/-

No 28000/- 4 112000/-

Rt 3600/- 70 252000/-

PROJECT DIRECTOR
 BEHAR:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS		Ext. Dev. & Sub Station Equipment			
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT

6 Supply and installation of HT 11KV, 3 core 120 Sq.mm stranded copper conductor, cu tape screened PVC bedded and PVC sheathed, XLPE armoured cable, including excavation of trench laying of cable, placing of tiles, laying sand cushions back filling after placing of protective tiles etc, complete as per WAPDA specification as required (without Termination)

R# 4100/- 550 2255000/-

7 Supply, installation, connecting, testing and commissioning of 1600Amps T.P. & N Bus Tie Duct (Aprox. Length 14'-0"), complete as per specification and drawing.

Set 812500/- 812500/-

8 Supply, installation, connecting, testing and commissioning of Floor mounting main distribution board "M-1" should be factory assembled ready wired and complete as per drawing comprising (Incoming & outgoing breaker rupturing capacity should be 35 KA and should be Terresaki Japan make or approved equivalent), complete in all respects.

Incoming:

1x1600 ACB coupled with 1600Amps T.P. & N Bus bars

1x1000A & 1x1x1000A ACB outgoing (Elect. & Mech. Interlocked) coupled with 1000Amps T.P. & N Bus bars

1x800 MCCB outgoing

One set of outgoing coupled with 1000A MCCB

3x 200 Amps MCCB

1x 150 Amps MCCB

2x100 Amps MCCB

1x60 Amps MCCB

1x30 Amps MCCB

One set of outgoing coupled with 1000A MCCB

1x 400 Amps MCCB

1x 300 Amps MCCB

2X 100 Amps MCCB

1X 60 Amps MCCB

3x 30 Amps MCCB

400 KVAR P.F.I

Set of 400KVAR PFI capacitor Bank Variable coupled with 630 Amps MCCB as shown on drawing

Complete with phase indication lamps and all metering as shown on single line diagram, complete as per specifications & drawing.

Set 320000/- 320000/-

PROJECT DIRECTOR
 UMERKOT DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	Ext. Dev. & Sub Station Equipment		
			RATE	QTY	AMOUNT

9 Supply, installation, connecting, testing and commissioning of following Floor mounting Sub-main distribution boards should be factory assembled ready wired and complete as per drawing comprising: (Incoming & outgoing breaker rupturing capacity should be 25 KA and should be Terrasaki Japan make or approved equivalent), complete in all respects.

a) Sub-main lighting SML-1

Set 312500/- 1 312500/-

b) Sub-main power SMP-1

Set 312500/- 1 312500/-

c) Weather proof Feeder Pillar Board FPB-1 & FPB-2

Set 281250/- 2 562500/-

II) Pipes and Earthing:

10 Providing and fixing 1" dia Copper Rod 12'-0" long having conical end to be buried after providing 3" dia hole in ground level at depth of 12'-0" or less if water comes out from the ground level, including providing back filling of earth powder, fixing copper rod including earth clamp, earth leads 2x 70sq.mm bar copper wire in 2" dia G.I pipe from earth pit to connecting point, complete as per drawing with all respects,

Each 25000/- 12 300000/-

11 Supply & installation of copper earth connecting point (ECP) 3"x18"x1/8" thick, having numbers of holes, including providing fixing rawal bolt, complete with all respects.

Each 5000/- 16 80000/-

12 Providing and laying following sizes Single core PVC insulated Green Earth wire

a) 70 sq mm single core PVC insulated (Green)

Rft. 500/- 1200 600000/-

b) 35 sq mm single core PVC insulated (Green)

Rft. 350/- 600 210000/-

c) 16 sq mm single core PVC insulated (Green)

Rft. 200/- 500 100000/-

d) 10 sq mm single core PVC insulated (Green)

Rft. 100/- 1200 120000/-

[Signature]
 PROJECT DIRECTOR
 KEMHAR-DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS
 Ext. Dev. & Sub Station Equipment

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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13	Supply of following uPVC pipe, including accessories as required for power cabling, complete in all respects. a) 5" dia uPVC pipe.	Rft	300/-	1,500	450,000/-
	b) 3" uPVC pipe	Rft	250/-	950	237,500/-
	c) 2" uPVC Pipe	Rft	200/-	650	130,000/-
	d) 1-1/2" uPVC Pipe	Rft	150/-	350	52,500/-
14	Installation of given uPVC pipe in under ground cable trench, including excavation, back filling, dully covered with sand, compacting etc., complete as per specification and drawing.	Rft	150/-	1,000	150,000/-
15	Construction of following sizes RCC cable draw pit, including cement, sand, CC, complete as per specification and drawing. a) 3'-6" x 3'-6" x 3'-6" deep	Rft	15,000/-	10	1,50,000/-
	b) 2'-0" x 2'-0" x 2'-0" deep	Rft	12,000/-	6	72,000/-
	c) 1'-6" x 1'-6" x 1'-6" deep	Rft	10,000/-	2	20,000/-
III) Generator Set:					
16	Supply of 550 KVA 3-Phase, 415V, indoor skid mounting Diesel Generator set, complete with control panel and all installation parts such as silencer, engine pipe, radiator etc., complete in all respects as per specification.	Set	15,000,000/-	1	15,000,000/-
17	Installation, connecting, testing & commissioning of 550 KVA 3-Phase, 415V, indoor skid mounting Diesel Generator set, including providing and installation exhaust radiator duct and given engine exhaust pipe and silencer etc., laying and connecting given cables, connecting neutral to provided earth point, complete in all respects as per specifications and drawing.	Job	4,000,000/-	1	4,000,000/-
18	Supply, installation, connecting, testing & commissioning of 60 KVA 3-Phase, 415V, Canopy mounted Diesel Generator set for OT load only, complete with control panel and all installation parts such as silencer, engine pipe, radiator etc., complete in all respects as per specification.	Set	4,000,000/-	1	4,000,000/-

fw
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of THQ Hospital at Umerkot
 Sub Head # 431: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS		Ext. Dev. & Sub Station Equipment			
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
IV) Electrical Load					
19	Providing WAPDA load, consisting submission application for required electric load, approval of load, coordination with WAPDA including survey, obtaining estimator demand note, payment through bank pay order, attending, coordination between WAPDA, Electrical Inspector and payment of installation charges and security deposits to obtain electrical supply at 11 KV and provision of energy meters from WAPDA, complete with all respect.				
			Job	4000000/-	4000000/-
20	Supply and Installation Transfer Pump for Transfer of Water from U.G.W Tank to O.H Tank with Flow = 60gpm Head = 145ft. Complete with Bronze impeler, cast iron body with Class F Motor. Make= Lowara or approved equal. The scope of Works Include CC Pad MCC and all accessories including wiring, conduiting and earthing.				
		Each	250000/-	2	500000/-
21	Supply and Installation Of Submersible Pump for TUBE WELL of 50gpm and 150ft head including necessary filter, gate valve and electrical works. The scope of works also include necessary piping as per suction and discharge size of PPR and termination into U.G Tank complete in all respect				
		Each	500000/-	1	500000/-
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM					37691000/-

** This amount shall be carried over to Summary of External Development



[Signature]
 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH.

ADMINISTRATION BUILDING



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH,
UMERKOT

SUMMARY OF ADMINISTRATION BUILDING

S. No.	Particular	Bill of Quantities		Total Amount
		Quantity	Amount	
1	Cost of Civil Works		144968/-	
2	Cost of Plumbing Works		2961900/-	
3	Cost of Electrical Works		732526/-	
Total Amount of Administration Building				*** 12508969/-

Note : * * * This amount shall be carried over to Grand Summary

(Handwritten signature)
 Mr. ...
 ...



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT

SUB-SUMMARY OF CIVIL WORKS (ADMINISTRATION BUILDING)

S. No.	Particular	ADMINISTRATION BUILDING		Total Amount
		Amount of Schedule Items	Amount of Non Schedule Items	
5.1.1	Foundation Plinth	3,642,620	2,975,000/-	3,672,370/-
5.1.2	Ground Floor	5,525,729	2,371,450/-	7,897,179/-
	Amount of Schedule Items	9,168,348	2,401,200/-	11,569,549/-
	.....% Above / Below / ALP-1F		12.0060%	12.0060%
	Amount of Schedule & Non Schedule Items	9,168,349/-	2,281,100/-	11,449,449/-
	Total Amount of Schedule + Non Schedule Items			-
Total Amount of Civil Works				•• 11,449,489/-

Note : * * This amount shall be carried over to Summary of Administration Building



JW

PROJECT DIRECTOR
REHABILITATION OF THQ HOSPITALS,
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of D-HQ Hospital at Umerkot
 Sub Head # 5.1.1: Administration Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

ADMINISTRATION BUILDING

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	6,952	5,258
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,175.25	11,082	35,199
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachiar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete parameter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	315	12,632
3.2	Providing Anti-termite by Neptachiar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	8,026	78,173
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	4,950	7,487
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,635.00	22,212	80,630
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.73) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	22,212	40,293

[Signature]
 PROJECT DIRECTOR
 REHAB.DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Punjab
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.1.1: Administration Building - Civil Work - Foundation Plinth

CIVIL WORK - (CSR-2012)				ADMINISTRATION BUILDING	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	1,090	29,256
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	1,390	130,886
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
8.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge (Page No. 16, Item No. 6(a)I) a) Foundation / Raft	Per.Cft	337.00	2,860	963,820
	b) Plinth beam	Per.Cft	337.00	1,170	394,290
8.2	(II) Ratio (1:1-1/2:3) (Page No. 16, Item No. 6(a)II) Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	Per.Cft	349.00	350	122,150

[Signature]
 PROJECT DIRECTOR
 SEHAR:DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.1.1: Administration Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)				ADMINISTRATION BUILDING	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	235	1,175,400
10	Plain Cement Concrete Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6. (Page No.16 Item No.5-h)				
	Situ	%Cft	12,595.00	620	78,089
	<i>Note:</i> Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
11	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTAL WOOD) (Page No.18 Item No.19-b-ii)				
		% Sft	3,127.41	1,650	51,602
12	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2.4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b)				
		%Sft	3,912.85	585	22,890
	<i>Note:</i> Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
13	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)				
		%Sft	778.09	9,050	70,417
14	FLOORING				
14.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)				
		%Cft	2,684.00	2,615	70,187

[Handwritten Signature]
 PROJECT DIRECTOR
 UPGRADE OF THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.1.1: Administration Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

ADMINISTRATION BUILDING

S #	DESCRIPTION	UNI	RATE	QTY	AMOUNT
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14.2 CC 1:3:6 (Sub Floor)

Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6.

(Page No. 16, Item No. 5-h)

%Cft 12,595.00 1,730 217,894

Note:

Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.

14.3 Polythene Sheet

Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge.

(Page No 38, Item # 38)

P.Sft 10.70 5,240 56,068

TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM			*	3,642,620	
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* This Amount is carried over to sub-summary of Civil Work (Administration Building)


 PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.1.1: Administration Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS				ADMINISTRATION BUILDING	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	25/-	1,190	2,9750/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	2,9750/-

* This Amount shall be carried over to sub-summary of Civil Work (Administration Building)

[Handwritten Signature]



PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.1.2: Administration Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)				ADMINISTRATION BUILDING	
S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 3/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	1,390	468,430
	b) Slab / Projections	Per Cft	337.00	2,780	936,860
	c) Window Sill	Per Cft	337.00	15	5,055
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns above plinth level	Per Cft	349.00	550	191,950
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	254	1,270,432
3	Pucca Brick Work in Super Structure				
3.1	Pacca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-(n)]				
	a) 9 inch thick wall	%Cft	12,674.36	4,400	557,672
	b) 4-1/2 thick wall	%Cft	12,674.36	250	31,686

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 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client Health Department, Government of Sindh
 Name of Project Upgradation of THQ Hospital to the level of UHQ Hospital at Umerkot
 Sub Head # 5.1.2: Administration Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)				ADMINISTRATION BUILDING	
S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
4 PLASTERING					
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	4,800	105,481
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (Internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	13,830	417,080
4.3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	1,500	45,236
5 FLOORING					
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No.47, Item No.60)				
a)	Flooring	%Sft	30,509.77	300	91,529
b)	Dado	%Sft	30,509.77	930	283,741
5.2	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49 Item No. 68-i)	Per Sft	188.04	60	11,162
5.3	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c)				
a)	for open to sky)	%Sft	3,275.50	5,500	180,153

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 PROJECT DIRECTOR
 CAB:DHQ & THQ HOSPITAL
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.1.2: Administration Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

ADMINISTRATION BUILDING

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
5.4	Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-a)	%Sft	47,651.56	160	78,242
6	DOORS / WINDOWS				
6.1	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.89	40	57,988
6.2	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	56	3,571
6.3	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I. sheet /c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also /c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	390	89,271
6.4	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No. 60)	Per Rft	49.97	780	38,977
6.5	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60 Item No. 20)	Each	408.14	19	7,755

PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITAL
 Sindh



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.1.2: Administration Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)				ADMINISTRATION BUILDING	
S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
6.6	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No 30)	Per Sft	194.16	370	71,839
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54,item No 24-c).	%Sft	1,079.65	4,800	51,823
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B).	%Sft	3,444.38	13,850	477,047
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	1,500	38,519
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	1,120	16,230
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					5,525,729

* This Amount is carried over to sub-summary of Civil Work (Administration Building)


PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITAL
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.1.2: Administration Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

ADMINISTRATION BUILDING

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1 Providing and laying first class Gutka Brick (9"x2-1/4"x2-1/4") in cladding set and jointed in 1:4 cement sand mortar and laid over a base of 3/4" thick cement sand plaster 1:3 including pointing of gutka bricks with pigmented cement in 1:4 cement sand mortar also including fastening arrangements galvanised tie bars, curing etc; complete in all respect as per drawings and instructions of the Engineer Incharge (cost of base plaster, fasteners and pointing included), on External Elevations at any level and any height.

P. Sft 170/- 3,950 671500/-

2 Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.
 a) size 16" x 16" on floor

P. Sft 195/- 4,930 961350/-

b) 4" high skirting

P. Sft 250/- 375 93750/-

3 Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.

P. Sft 425/- 60 25500/-

4 Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Sft 1000/- 40 40000/-

PROJECT DIRECTOR
 REMARBOHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umarkot
 Sub Head # 5.1.2: Administration Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT

5. Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P. Sft

1400/-

560

784000/-



6. Supplying and fixing in position Aluminium channel framing for openable (hinged) windows of Alcop made with 5 mm thick tinted glass (Belgium) and Aluminium fly screen including handles, stoppers and Locking arrangement, etc. complete as per drawing, specification and as directed by Engineer Incharge.

Delux model (Bronze), in any floor.

P. Sft

650/-

285

185250/-

7. Providing and fixing approved quality Bath Latch.

Each

500/-

5

2500/-

8. Providing and fixing hydrolic door closer (Rayobi of approved design No 5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.

Each

5200/-

13

67600/-

9. Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.

P. Sft

1000/-

1,000

100000/-

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	2371450/-
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* This Amount shall be carried over to sub-summary of Civil Work (Administration Building)

PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT

SUB-SUMMARY OF PLUMBING WORKS (ADMINISTRATION BUILDING)

S. No.	Particular	ADMINISTRATION BUILDING		Total Amount
		Amount of Schedule Items	Amount of Non Schedule Items	
5.2.1	Ground Floor	204,902	75850/-	280752/-
	Amount of Schedule Items	204,902	75850/-	280752/-
	..... % Above / Below / At Par		3793/-	- 3793/-
	Amount of Schedule & Non Schedule Items	204902/-	72058/-	276960
	Total Amount of Schedule + Non Schedule Items			-
Total Amount of Plumbing Works				.. 276,960/-

Note : ** This amount shall be carried over to Summary of Administration Building



PROJECT DIRECTOR
REHAB:DHQ HOSPITALS,
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.2.1: Administration Building - Plumbing Work

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT
1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble.	Each	6,166.60	3	18,500
2	EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & i/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & follr for pipe connection & making good in cement concrete 1:2:4.(Page # 2 Item # 4)	Each	5,339.40	2	10,679
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & i/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern).(Page No.3 Item No.8,9)	Each	4,253.70	5	21,269
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or cloured glazed (Foreign or Equivalent).(Page # 3 Item # 11)	Each	2,533.47	2	5,067


 PROJECT DIRECTOR
 SEAR, DHQ & THQ HOSPITALS
 SINDH


Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of District Hospital at Umerkot
 Sub Head # 5.2.1: Administration Building - Plumbing Work:

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 6, Item # 23)	Each	447.15	20	8,943
6	STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p. rubber plug chrome plated brass chain, 1-1/2" c.p. brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. Steel Sink stainless sized 40" x 20" standard Pattern. (Page # 6, Item # 19)	Each	5,052.30	1	5,052
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	6	10,029
8	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the carb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item #1 (i))	Each	1,220.67	2	2,441
9	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	17	14,347


PROJECT DIRECTOR
 BEHAB-DHQ & THQ HOSPITAL
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of D-Q Hospital at Umerkot
 Sub Head # 5.2.1: Administration Building - Plumbing Works

PLUMBING WORK - (CSR-2012)				ADMINISTRATION BUILDING	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	20	240
b)	3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	70	1,330
c)	1 inch dia (Page # 24,Item # 6c)	Rft	27.00	30	810
d)	1-1/4 inch dia (Page # 24,Item # 6d)	Rft	33.00	70	2,310
11	MUSLIM SHOWER Supplying and fixing C.P Muslim Showerer with double Bib cock & ring Pipe etc. complete.(Page # 19, Item # 19-A)	Each	3,432.00	5	17,160
12	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	2	637
b)	1-1/4 inch dia (Page # 18,Item # 6 iv)	Each	510.84	2	1,022
13	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-ib)	Each	337.52	2	675
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	5	15,895
15	BATH ROOM ACCESSORIES SET 15.1 Supplying & Fixing Bath room accessories set(7 piece) towel road, brush holder soaptray shelf of approved design i/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	3	30,967



PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS,
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.2.1: Administration Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT
15.2	3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft. (Page No.24 item No.6-h)	Rft	226.00	70	15,820
15.3	4" dia UPVC PIPE Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft. (Page No.24 item No.6-h)	Rft	334.00	65	21,710
TOTAL COST OF PLUMBING WORKS					
SCHEDULE ITEM					204,902

* This Amount is carried over to sub-summary of Plumbing Work (Administration Building)



[Handwritten Signature]

PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.2.1: Administration Building - Plumbing Works

PLUMBING WORK - NON-SCHEDULE ITEMS				ADMINISTRATION BUILDING	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT

1 PPRC PIPES
 Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2' 6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth-soaked in maxphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	1/2 inch (12 mm) Dia Pipe.	Rft	140/-	20	2800/-
b	3/4 inch (20 mm) Dia Pipe.	Rft	160/-	70	11200/-
c	1 inch (25 mm) Dia Pipe.	Rft	200/-	30	6000/-

2 DOUBLE GAS BURNER
 Providing and fixing double gas burner superior quality made of stainless steel with rail cock i/c making gas connection as approved by the Engineer in charge as required.

Each	1200/-	1	1200/-
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3 GYESER
 Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

Each	40000/-	1	40000/-
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4 GAS WORK
 M.S. PIPE 1/2" Ø
 Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

Rft	150/-	15	2250/-
-----	-------	----	--------

5 M.S. PIPE 3/4" Ø
 Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

Rft	200/-	20	4000/-
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PROJECT DIRECTOR
 REHAB. DHQ & THQ HOSPITALS
 SINDH


Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.2.1: Administration Building - Plumbing Works

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT
6	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required w/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	250/-	20	5000/-
7	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	1100/-	2	2200/-
8	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1200/-	1	1200/-
TOTAL COST OF PLUMBING WORKS NON-SCHEDULE ITEM					75850/-

This Amount shall be carried over to sub-summary of Plumbing Work (Administration Building)



Signature

PROJECT DIRECTOR
 REHAB: DHQ & THQ HOSPITALS,
 SINDH

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT

SUB-SUMMARY OF ELECTRICAL WORKS (ADMINISTRATION BUILDING)

S. No.	Particular	ADMINISTRATION BUILDING		Total Amount
		Amount of Schedule Items	Amount of Non Schedule Items	
5.3.1	Ground Floor	191,240	6,22,400/-	8,13,640/-
	Amount of Schedule Items	191,240	6,22,400/-	8,13,640/-
	% ABOVE / Below / At Par		-31,120/-	-31,120/-
	Amount of Schedule & Non Schedule Items	1,91,240/-	5,91,280/-	7,82,520/-
	Total Amount of Schedule + Non Schedule Items			
Total Amount of Electrical Works				7,82,520/-

Note : ** This amount shall be carried over to Summary of Administration Building



PROJECT DIRECTOR
REHAB:DHQ & THQ HOSPITALS
SINDH

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.3.1: Administration Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7.052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Meter	858.00	85	72,930
2	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	54	43,038
3	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	10	9,850
4	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	10	1,510
5	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	36	5,832
6	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	15	1,080
7	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	2	6,040
8	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	16	50,960
TOTAL COST OF ELECTRICAL WORKS SCHEDULE ITEM			*		191,240

* This Amount is carried over to sub-summary of Electrical Work (Administration Building)

PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITAL
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.3.1: Administration Building - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT

I- Wiring & Accessories.

- | | | | | | |
|---|--|-------|--------|----|-------|
| 1 | Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing. | Point | 3200/- | 8 | 25600 |
| 2 | Same as above schedule item No.2 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing. | Point | 2800/- | 2 | 5600 |
| 3 | Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing. | Point | 4600/- | 10 | 46000 |
| 4 | Same as above item No.3 but power plug outlet to outlet, complete as per specifications and drawing | Point | 3800/- | 12 | 45600 |
| 5 | Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing. | Point | 7000/- | 8 | 56000 |

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 PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.3.1: Administration Building - Electrical Work

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT

6. Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.

a) 1 Gang switch

No. 150/- 3 450/-

b) 2 Gang switch

No. 250/- 7 1750/-

c) 3 Gang switch

No. 325/- 4 1300/-

d) 4 Gang switch

No. 450/- 4 1800/-

7. Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet

No. 525/- 10 5250/-

b) 15 Amps 3-pin Round outlet

No. 1350/- 33 44550/-

c) 25A Isolator switch

No. 2500/- 8 20000/-

8. Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

No. 850/- 18 15300/-

II-Fixtures:

9. Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.

No. 3000/- 3 9000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.3.1: Administration Building - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT

10 Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

No. 1800/- 12 21600

11 Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W

No. 3000/- 6 18000

12 Supply, installation, connecting, testing & commissioning of following wall mounting and ceiling mounting Fancy decorative with compact fluorescent lamp light fixtures that to be approved by Architect or site in charged, complete in all respects.

a) GMP-136 with 1x36W TLD Lamp

No. 1800/- 32 57600

b) GMP-236 with 2x36W TLD Lamps

No. 3000/- 15 45000
~~24500~~

III- Distribution Boards & Earthing:

13 Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per specifications and drawing.

a) LPDB-A D

Set 24500/- 1 24500
~~75000~~

14 Providing and fixing Copper Rod having conical end to be buried after providing 3" dia hole in ground at a depth of 12' -0' or less if water comes out from the ground level, including providing earth powder fixing copper rod, including earth clamp, earth leads 2x 4SWG in 2" dia G.I. pipe, complete as per drawing with all respects.

Set 75000/- 1 75000

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PROJECT DIRECTOR
 REHAB:DHQ & THQ HOSPITALS,
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Umerkot
 Sub Head # 5.3.1: Administration Building - Electrical Works

ELECTRICLA WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	ADMINISTRATION BUILDING	
				QTY	AMOUNT
IV- Telephone & TV Antenna:					
15	Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft.	35/-	1,000	35000
16	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivelent, complete as per specification and drawing.	Rft.	25/-	1,500	37500
17	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivelent.	No.	1500/-	10	15000
18	Supply, connecting, testing & commissioning of 10 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	15000/-	1	15000
TOTAL COST OF ELECTRICLA WORKS NON-SCHEDULE ITEM					622400/-

* This Amount shall be carried over to sub-summary of Electrical Work (Administration Building)

[Handwritten Signature]
 PROJECT ENGINEER
 ELECTRICAL WORKS

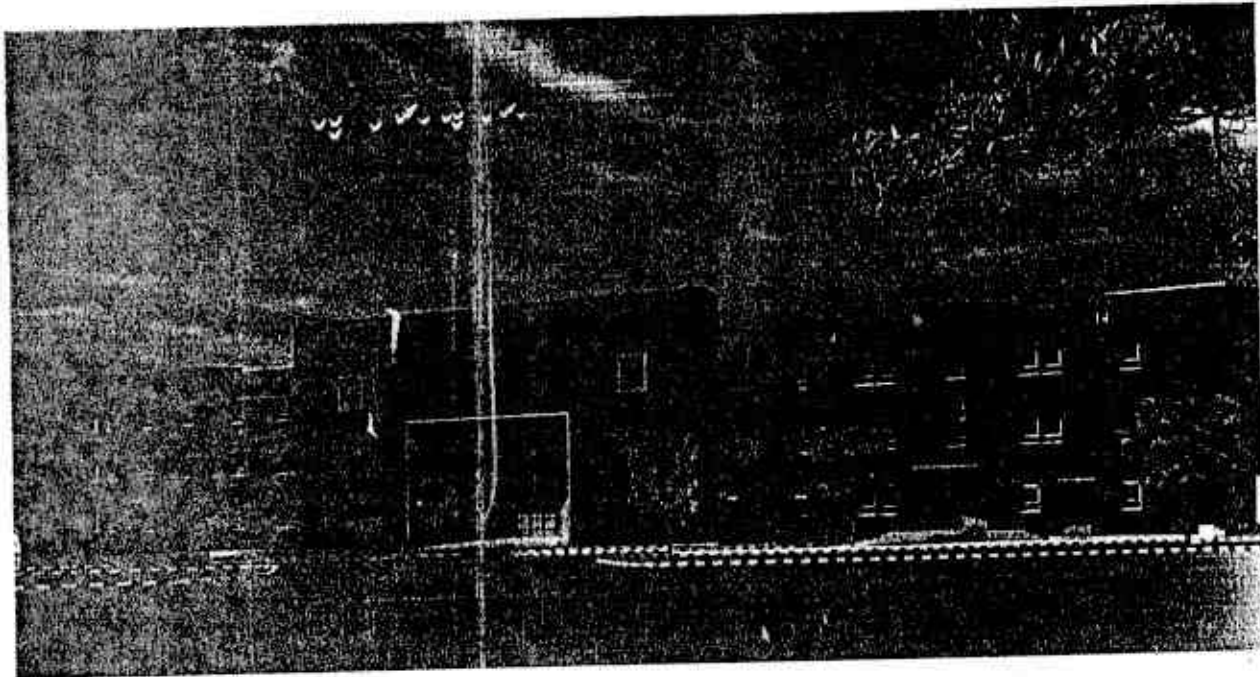




Health Department Government of Sindh

UP-GRADATION OF THQ HOSPITALS TO THE LEVEL OF DHQ HOSPITALS IN SINDH.

KAMBER



BILL OF QUANTITIES (PART - A) (Volume - III)

Volume-III - Bill of Quantities & Tender Drawings

INTERNATIONAL DESIGN GROUP
SINDH

January 2013

TENDER DOCUMENTS
ISSUED TO
M/s. MUMTAZ & COMPANY
Date: 11/1/2013

CONSULTANTS



International Design Group

ARCHITECTS, ENGINEERS, PLANNERS
Head Office: IDG House C-13, KDA Scheme No. 1,
Main Habibi Rehmatullah Road, Opp. PNS Karsaz, Karachi.
Tel: 34311711-34311712 Fax: 34311713
E-mail: idg12@cyber.net.pk



Grand Sum

UPGRADATION OF THQ HOSPITALS TO THE LEVEL OF DHQ HOSPITALS IN SINDH.

KAMBER

GRAND SUMMARY

Corrected Amount	S #	PARTICULAR	TOTAL AMOUNT
287,777,521.24	1	Total Cost of Hospital Building	268,232,821.24
109,496,810.78	2	Total Cost of Residential Accommodation	78,594,885.78
48,795,159.45	3	Total Cost of Ancillary Buildings	49,843,659.43
92,282,449.39	4	Total Cost of External Development	92,282,449.39
538,351,940.84		Total Cost of Project	488,953,815.84

298,232,821.24
111,842,210.78



552,201,140.84



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HOSPITAL BUILDING



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUMMARY OF HOSPITAL BUILDING

S. No.	Particular	Bill of Quantities		Total Amount
		Amount		
1	Cost of Civil Works	28,322,410.59	X	245,917,111/4
2	Cost of Plumbing Works	8,119,563.60		---
3	Cost of Electrical Works	33,740,847.08		---
Total Amount of Hospital Building				*** 298,232,821.24 ***

287,777,521.24

Note : * * * This amount shall be carried over to Grand Summary



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UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUB-SUMMARY OF CIVIL WORKS (HOSPITAL)

S. No.	Particular	Amount of Schedule Items		Amount of Non Schedule Items		Total Amount
				Items		
1.1.1	Foundation Plinth	83,001,614		11,617,000.00		94,618,614
1.1.2	Ground Floor	45,913,931		13,326,010.00		59,240,000
1.1.3	First Floor	45,989,883		12,119,525.00		58,109,408
1.1.4	Second Floor	33,588,125		10,549,550.00		44,137,675
	Amount of Schedule & Non Schedule Items	209,493,553				
	0.35% % Above / Below / At Par	759,227.44				
	Total Amount of Schedule & Non Schedule Items	208,740,325.56		47,612,085.00		256,352,410.56
Total Amount of Civil Works				37,156,785/-		245,917,111/-



[Handwritten Signature]

Note : ** This amount shall be carried over to Summary of Hospital Building



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation Plinth

HOSPITAL
 BOQ-C/FP-1

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	Earth Work				
	Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	57,000	43,109
2	Excavation				
	Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	207,950	660,501
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	1,960	78,596
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	47,600	463,624
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	136,000	205,700
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	149,940	544,282
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	149,940	271,997



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation Plinth

HOSPITAL
 BOQ-C/FP-2

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5.3	Earth work for road embankment by bulldozer including ploughing, mixing, clod breaking dressing and compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5 ft. in all types of soil except rock. For 90% modified AASHO density. (Page No. 2, Item No. 6-II b/Highway)	%Cft	4,732.54	149,940	709,597
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	20,100	539,484
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" guage. Ratio 1:4:8 (Page No. 15, Item No. 4-b) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Cft	9,416.28	23,050	2,170,453
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.				
8.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 3/4" gauge (Page No. 16, Item No. 6(a))				
a)	Foundation / Raft	Per Cft	337.00	86,555	29,169,035
b)	Plinth beam	Per Cft	337.00	13,875	4,675,875
c)	Walls	Per Cft	337.00	895	301,615



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation Plinth

HOSPITAL
 BOQ-C/FP-3

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	4,215	1,471,035
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	7,444	37,232,655
10	Pucca Brick Work in Foundation Pacca brick work in foundation and plinth in Cement Sand Mortar (1:6). [Page No. 20, Item No. 4-l (e)] <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	1,400	167,277
11	Plain Cement Concrete Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6. (Page No. 16 Item No. 5-h) Situ <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	3,300	415,635
12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTAL WOOD) (Page No. 18 Item No. 19-b-ii)	% Sft	3,127.41	8,800	275,212

[Handwritten Signature]
 M/S. MUMTAZ & COMPANY
 10/11/2012



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation Plinth

HOSPITAL
 BOQ-C/FP-4

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	5,550	217,163
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	106,600	829,444
17	FLOORING				
17.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	16,500	442,860
17.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	13,100	1,649,945
17.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	43,600	466,520
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					83,001,614

* This Amount is carried over to sub-summary of Civil Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.1: Hospital Building - Civil Works - Foundation Plinth

HOSPITAL
 BOQ-C/FP-5

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/- ^{50/-}	23,234	1,161,700/- ^{1,161,700/-} X
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TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	1,161,700/- ^{1,161,700/-} X
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* This Amount shall be carried over to sub-summary of Civil Work (Hospital)

= 1,161,700/-



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor.

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge [Page No. 16, Item No. 6(a)I]				
	a) Beams / Lintels	Per Cft	337.00	13,005	4,382,685
	b) Slab / Projections	Per Cft	337.00	19,875	6,697,875
	c) Walls	Per Cft	337.00	910	306,670
	d) Staircase	Per Cft	337.00	615	207,255
	e) Window Sill	Per Cft	337.00	515	173,555
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	6,500	2,268,500
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	2,673	13,369,544
3	Pucca Brick Work in Super Structure Pucca brick work in ground floor in Cement Sand Mortar (1:6). [Page No. 21, Item No. 5-I(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	35,910	4,551,363
	b) 4-1/2 thick wall	%Cft	12,674.36	1,000	126,744



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
3.1	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	250	56,505
4 PLASTERING					
4.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	37,480	823,630
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	95,220	2,871,607
4.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	5,280	159,232
5 FLOORING					
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No.47, Item No.60)				
a)	Flooring	%Sft	30,509.77	1,910	582,737
b)	Dado	%Sft	30,509.77	5,450	1,662,782
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)	Per Sft	567.48	1,890	1,072,537



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / lucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-i)	Per Sft	186.04	455	84,648
5.4	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c)				
a)	for ramp (broom finish)	%Sft	3,275.50	3,330	109,074
b)	in lift pit (plain)	%Sft	3,275.50	224	7,337
5.5	Grating in Ramp Making and fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" sq. bars at 4" centre to centre. (Page No.92, Item No.25)	Per Sft	293.15	16	4,690
6	DOORS / WINDOWS				
6.1	Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)	Per Sft	1,507.66	517	779,460
	Aluminium Sliding Windows				
6.2	Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc.complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	1,007	1,459,838



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminium sheet on door pasted with glue as per requirement. (Page No. 86, Item No. 61)	Per Sft	63.77	93	5,931
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I.sheet i/c welded hinges and fixing at site with necessary hold fasts,filling with cement sand slurry of 1:6 ratio and repairing the jambs.The cost also i/c all carriage,tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	2,945	674,111
6.5	Glazing with glass panes (24 oz to 28 oz) using putty and deodar wo- den 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	270	44,253
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No.66 Item No.60)	Per Rft	49.97	4,100	204,877
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No.20)	Each	408.14	97	39,590
6.8	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No.30)	Per Sft	194.16	1,105	214,547
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54,item No 24-c).	%Sft	1,079.65	37,480	404,653



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick \ filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B).	%Sft	3,444.38	95,220	3,279,739
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	5,280	135,588
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	5,980	86,659
MISCELLANEOUS					
8	Providing and fixing Aluminium sheet 5" to 9" with V-Notch for expansion joints i/c fixing with nails / screws. (Page No. 109 Item No.88)	Per Rft	207.51	275	57,065
9	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of buildings. (Page No. 109 Item No.93)	Per Sft	43.26	200	8,652
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	46,913,931

* This Amount is carried over to sub-summary of Civil Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and laying first class Gutka Brick (9"x2-1/4"x2-1/4") in cladding set and jointed in 1:4 cement sand mortar and laid over a base of 3/4" thick cement sand plaster 1:3 including pointing of gutka bricks with pigmented cement in 1:4 cement sand mortar also including fastening arrangements galvanised tie bars, curing etc; complete in all respect as per drawings and instructions of the Engineer Incharge (cost of base plaster, fasteners and pointing included), on External Elevations at any level and any height.	P. Sft	120/-	21,340	2560800/- ✓
2	Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making groves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor.	P. Sft	75/-	5,270	395250/- ✓
3	Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.				
	a) size 16" x 16" on floor	P. Sft	120/-	27,750	3330000/- ✓
	b) size 20" x 20" on floor	P. Sft	130/-	13,255	1723150/- ✓
	c) 4" high skirting	P. Sft	130/-	3,285	427050/- ✓
4	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	300/-	690	207000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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5 Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Sft 650/- 58 37700/- ✓

b) For Reception / Nurse Station

P. Sft 650/- 178 115700/- ✓

c) For Laboratory

P. Sft 650/- 328 213000/- ✓

6 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P. Sft 525/- 2,610 1370250/- ✓

Handwritten notes and stamps, including a date stamp '2011/05/18'.



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
7	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, also including the cost of providing and fixing approved lead lining arrangements (as per standard requirement for X-Ray room); including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and tower bolts, etc. complete in all respect in any floor.	P. Sft	1500/-	136	204000/- ✓
8	Supplying and fixing in position Aluminium channel framing for openable (hinged) windows of Alcop made with 5 mm thick tinted glass (Belgium) and Aluminium fly screen including handles, stoppers and Locking arrangement, etc. complete as per drawing, specification and as directed by Engineer Incharge. Delux model (Bronze), in any floor.	P. Sft	595/-	1,170	696150/- ✓ 88060/-
9	Supplying and fixing in position Aluminium channel framing for openable (hinged) ventilators of Alcop made with 5 mm tinted glass glazing (Belgium) including handles, stoppers and Locking arrangement, etc. complete as per drawings, specification and as directed by the Engineer Incharge in any floor. Deluxe model (Bronze)	P. Sft	595/-	148	88060/- ✓
10	Supplying and fixing in position Aluminium Channel framing for Fixed Glazing of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. complete, in any floor. Deluxe model (Bronze), in any floor.	P. Sft	610/-	465	283650/- ✓
11	Providing and fixing approved quality Bath Latch.	Each	1000/-	27	27000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
12	Providing and fixing hydrolic door closer (Rayobi of approvd design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	3500/-	16	56000/- ✓
13	Providing and fixing 14" wide bump rail comprising 12"x12" printed ceramics tile(Hala Pattern) of approval quality and make with polished shesham wood beading 1-1/2"x3/4" section at top and bottom fixed on wall with rawal.plug (expansion shield) and counter sunk screws etc complete in all respect as per drawing and direction of Engineer in any floor.	P. Rft	950/-	1,000	950000/- ✓
14	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handdrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor.				
	a) Floor mounted	P. Rft	475/-	64	30400/- ✓
	b) Wall mounted	P. Rft	400/-	270	108000/- ✓
15	Providing and fixing in position garbage chute 2-1/2" dia. comprising 16 guage aluminum sheet with 1-1/4" x 1-1/4" x 1/1" M.S. angle iron frame, including accessories, cutting, wastage, fabrication as per requirement, cartage to site, enamel painting of steel frame, etc. complete in all respect as per drawings and as approved and directed by the Engineer in any floor. (Shop drawings to be got approved before execution).	P. Rft	425/-	18	7650/- ✓
16	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	150/-	3,300	495000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.2: Hospital Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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17 Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.

P. Sft

475/-

Only Rate required

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	• 13326010/- ✓
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* This Amount shall be carried over to sub-summary of Civil Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
1	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	13,330	4,492,210
	b) Slab / Projections	Per Cft	337.00	19,930	6,716,410
	c) Walls	Per Cft	337.00	730	246,010
	d) Staircase	Per Cft	337.00	615	207,255
	e) Window Sill	Per Cft	337.00	515	173,555
	f) Precast slab (for covering of duct, etc.)	Per Cft	337.00	140	47,180
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	6,450	2,251,050
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
	(b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	2,609	13,049,435



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
3	Pucca Brick Work in Super Structure Pacca brick work in first floor in Cement Sand Mortar (1:6). [Page No. 21, Item No. 5-(e)] + [Page No.22, Item No.6(a)]				
	a) 9 inch thick wall	%Cft	13,112.99	35,865	4,702,974
	b) 4-1/2 thick wall	%Cft	13,112.99	1,655	217,020
3.1	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	300	67,806
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/8" thick (Ceiling) (Page No. 52, Item No. 11-a) + (Page No.54, Item No. 29)	%Sft	2,338.49	36,085	843,844
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b) + (Page No.54, Item No.29)	%Sft	3,156.73	97,000	3,062,028
4.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c) + (Page No.54, Item No.29)	%Sft	3,156.73	8,550	269,900
5	FLOORING				
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No.47, Item No.60) + (Page No. 42, Item No.18)				
	a) Flooring	%Sft	30,736.65	2,430	746,901
	b) Dado	%Sft	30,736.65	5,695	1,750,452



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a) + (Page No. 42, Item No.18)	Per Sft	794.36	225	178,731
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing, removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curring, finishing, cleaning and polishing etc. complete. (Page No. 49, Item No. 68-i) + (Page No.42, Item No.18)	Per Sft	412.92	230	94,972
5.4	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c)				
	a) In O.T Rooms (trowel finished)	%Sft	3,275.50	1,675	54,865
	b) For Ramp (Broom Finished)	%Sft	3,275.50	1,515	49,624
5.5	Grating in Ramp Making and fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" sq. bars at 4" centre to centre. (Page No.92, Item No.25)	Per Sft	293.15	16	4,690
6	DOORS / WINDOWS				
6.1	Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)	Per Sft	1,507.66	292	440,237



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
6.2	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc.complete Deluxe model (Bronze) (Page No. 108, Item No. 85-5)	Per Sft	1,449.69	216	313,133
6.3	Aluminium Sheet Providing and fixing Aluminium sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	246	15,687
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I.sheet l/c welded hinges and fixing at site with necessary hold fasts,filling with cement sand slurry of 1:6 ratio and repairing the jambs.The cost also l/c all carriage,tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	2,931	670,906
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	442	72,444
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No.66 Item No.60)	Per Rft	49.97	4,751	237,407
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No.20)	Each	408.14	107	43,671
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54,item No 24-c).	%Sft	1,079.65	36,085	389,592



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor.

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B).	%Sft	3,444.38	97,000	3,341,049
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	8,550	219,560
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	8,200	118,829
Miscellaneous					
7.5	Providing and fixing Aluminium sheet 6" to 9" with V-Notch for expansion joints i/c fixing with nails / screws. (Page No. 109 Item No.88)	Per Rft	207.51	200	41,502
7.6	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of buildings. (Page No. 109 Item No.93)	Per Sft	43.26	160	6,922
7.7	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	11	5,775
7.8	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	15,936	846,257
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					45,989,883



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and laying first class Gutka Brick (9"x2-1/4"x2-1/4") in cladding set and jointed in 1:4 cement sand mortar and laid over a base of 3/4" thick cement sand plaster 1:3 including pointing of gutka bricks with pigmented cement in 1:4 cement sand mortar also including fastening arrangements galvanised tie bars, curing etc; complete in all respect as per drawings and instructions of the Engineer Incharge (cost of base plaster, fasteners and pointing included), on External Elevations at any level and any height.	P. Sft	120/-	19,150	2298000/- ✓
2	Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making groves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor.	P.Sft	75/-	5,170	387750/- ✓
3	Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting liles to proper profile in any floor.	P.Sft	120/-	24,470	2936400/- ✓
	a) size 16" x 16" on floor	P.Sft	130/-	6,530	848900/- ✓
	b) size 20" x 20" on floor	P.Sft	120/-	2,505	300600/- ✓
	c) 4" high skirting				
4	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	300/-	435	130500/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of HQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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5 Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Sft 600/- 170 102000/- ✓

b) For Reception / Nurse Station

P. Sft 600/- 180 108000/- ✓

6 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide alround 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

P. Sft 625/- 2,740 1712500/- ✓

7 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide alround 5 inches wide lock rail and 2nd class deodar wood solid core, also including the cost of providing and fixing approved lead lining arrangements (as per standard requirement for X-Ray room); including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and tower bolts, etc. complete in all respect in any floor.

P. Sft 1500/- 200 300000/- ✓



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8	Providing and laying 2mm thick antistatic epoxy paint / Coating (Burger or approved equivalent) in O.T. complete in all respect as shown on the drawings etc. complete. a) on Floors	P. Sft	50/-	1,675	83750/- ✓
	b) on Walls	P. Sft	50/-	3,010	150500/- ✓
9	Supplying and fixing in position Aluminium channel framing for openable (hinged) windows of Alcop made with 5 mm thick tinted glass (Belgium) and Aluminium fly screen including handles, stoppers and Locking arrangement, etc. complete as per drawing, specification and as directed by Engineer Incharge. Delux model (Bronze), in any floor.	P. Sft	595/-	1,100	654500/- ✓
10	Supplying and fixing in position Aluminium channel framing for openable (hinged) ventilators of Alcop made with 5 mm tinted glass glazing (Belgium) including handles, stoppers and Locking arrangement, etc. complete as per drawings, specification and as directed by the Engineer Incharge in any floor Deluxe model (Bronze)	P. Sft	595/-	260	154700/- ✓
11	Supplying and fixing in position Aluminium Channel framing for Fixed Glazing of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. complete, in any floor. Deluxe model (Bronze), in any floor.	P. Sft	610/-	780	475800/- ✓
12	Providing and fixing approved quality Bath Latch.	Each	1000/-	25	25000/- ✓
13	Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	3500/-	26	91000/- ✓
14	Providing and fixing 14" wide bump rail comprising 12"x12" printed ceramics tile(Hala Pattern) of approval quality and make with polished shesham wood beading 1-1/2"x3/4" section at top and bottom fixed on wall with rawal plug (expansion shield) and counter sunk screws etc complete in all respect as per drawing and direction of Engineer in any floor.	P. Rft	950/-	655	622250/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
15	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor.				
	a) Floor mounted	P. Rft	475/-	64	30400/- ✓
	b) Wall mounted	P. Rft	400/-	100	40000/- ✓
16	Providing and fixing in position garbage chute 2-1/2' dia. comprising 16 gauge aluminum sheet with 1-1/4" x 1-1/4" x 1/4" M.S. angle iron frame, including accessories, cutting, wastage, fabrication as per requirement, cartage to site, enamel painting of steel frame, etc. complete in all respect as per drawings and as approved and directed by the Engineer in any floor. (Shop drawings to be got approved before execution).	P. Rft	425/-	4	1700/- ✓
17	Providing and fixing in position at any height, 3mm thick Fiberglass Plain Sheet of prime quality (using Mat of Taiwan) of Translucent / Opaque colour and M.S Tubular Frame Structure of approved manufacture (M/s FIBER TECH or equivalent as approved) for covering of open area on roof including making water proofing arrangements, required, fastening accessories, painting of M.S frame (3 coats of enamel paint over a coat of anti rust primer), cartage of all material to site etc. complete in all respect as per approved design, drawings, manufacturer's specifications and as approved and directed by the Engineer Incharge / Consultant.				
	a) 01 No. at Level + 27'-C" (Block-2)	P. Sft	700/-	412	288400/- ✓
18	Supplying and fixing aluminum clip-in tile ceiling (Dampa) non perforated size 2' x 2' in standard white finish complete with metal suspension system including making opening for light fixtures including cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	225/-	1,675	376875/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.3: Hospital Building - Civil Works - First Floor

HOSPITAL
 BOQ-C/FF-11

S #	DESCRIPTION	UNIT	CIVIL WORK - NON-SCHEDULE ITEMS		
			RATE	QTY	AMOUNT

19 Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.

P. Sft

475/-

Only Rate required

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	* 12119525/-
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* This Amount shall be carried over to sub-summary of Civil Work (Hospital)

[Signature]
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civil Works - Second Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
1	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 3/4" to 1/2" gauge [Page No. 16, Item No. 6(a)] + [Page No. 17, Item No. 6(d)]				
	a) Beams / Lintels	Per Cft.	349.10	8,985	3,136,664
	b) Slab / Projections	Per Cft.	349.10	11,930	4,164,763
	c) Walls	Per Cft.	349.10	730	254,843
	d) Staircase	Per Cft.	349.10	615	214,697
	e) Window Sill	Per Cft.	349.10	195	68,075
	f) Precast slab (for covering of duct, etc.)	Per Cft.	349.10	100	34,910
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] + [Page No. 17, Item No. 6(d)]				
	a) Columns	Per Cft.	361.10	4,865	1,756,752
	b) Walls (OHT)	Per Cft.	361.10	245	88,470
	c) Base Slab (OHT)	Per Cft.	361.10	200	72,220
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
	(b) TOR Steel (Page No. 17, Item No. 8-b) + (Page No. 19, Item No. 29)	Cwt	5,152.95	1,993	10,269,829



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civil Works - Second Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
3	Pucca Brick Work in Super Structure Pacca brick work in Second floor in Cement Sand Mortar (1:6). [Page No. 21, Item No. 5-l(e)] + [Page No. 22, Item No. 6(b)]				
	a) 9 inch thick wall	%Cft	13,687.74	22,980	3,145,443
	b) 4-1/2 thick wall	%Cft	13,687.74	970	132,771
3.1	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	60	13,561
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-c) + (Page No. 54, Item No. 29+29)	%Sft	2,479.46	22,790	565,069
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (Internal walls) (Page No. 52, Item No. 11-b) + (Page No. 54, Item No. 29+29)	%Sft	3,297.70	57,215	1,886,779
4.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c) + (Page No. 54, Item No. 29+29)	%Sft	3,297.70	15,520	511,803
5	FLOORING				
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No. 47, Item No. 60) + Page No. 42, Item No. 18+18)				
	a) Flooring	%Sft	30,963.53	1,510	467,549
	b) Dado	%Sft	30,963.53	3,675	1,137,910



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civil Works - Second Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No: 43, Item No. 28-a) -- (Page No. 42, Item No.18+18)	Per Sft	1,021.24	390	398,284
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing, removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curring, finishing, cleaning and polishing etc. complete. (Page No. 49, Item No. 68-i) + (Page No.42, Item No.18+18)	Per Sft	639.80	210	134,358
5.4	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels (over roof for ramp, stair tower and machine room). (Page No.42, Item No.16-c)	%Sft	3,275.50	2,300	75,337
6	DOORS / WINDOWS				
6.1	Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)	Per Sft	1,507.66	306	461,344
6.2	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)				
a)	Windows	Per Sft	1,449.69	170	246,447



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civil Works - Second Floor

HOSPITAL
 BOQ-C/SF-4

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminium sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	76	4,847
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I.sheet l/c welded hinges and fixing at site with necessary hold fasts,filling with cement sand slurry of 1:6 ratio and repairing the jambs.The cost also l/c all carriage,tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	1,456	333,278
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	97	15,898
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No.66 Item No.60)	Per Rft	49.97	2,440	121,927
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No.20)	Each	408.14	49	19,999
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54,item No 24-c).	%Sft	1,079.65	22,790	246,052
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint l/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, Item No 36-A + B + E).	%Sft	3,444.38	57,215	1,970,702



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civil Works - Second Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	QTY	AMOUNT
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	15,520	398,546
	Enamel Painting				
7.4	Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	3,060	44,344
8	Miscellaneous				
8.1	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of buildings. (Page No. 109 Item No.93)	Per Sft	43.26	830	35,906
8.2	Providing and fixing Aluminium sheet 6" to 9" with V-Notch for expansion joints i/c fixing with nails / screws. (Page No. 109 Item No.88)	Per Rft	207.51	320	66,403
8.3	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	16	8,400
8.4	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bit-osa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	20,412	1,083,949
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					33,588,125

* This Amount is carried over to sub-summary of Civil Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civil Works - Second Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and laying first class Gutka Brick (9"x2-1/4"x2-1/4") in cladding set and jointed in 1:4 cement sand mortar and laid over a base of 3/4" thick cement sand plaster 1:3 including pointing of gutka bricks with pigmented cement in 1:4 cement sand mortar also including fastening arrangements galvanised tie bars, curing etc; complete in all respect as per drawings and instructions of the Engineer Incharge (cost of base plaster, fasteners and pointing included), on External Elevations at any level and any height.	P. Sft	125/-	12,000	1500000/- ✓
2	Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor.	P.Sft	80/-	3,370	269600/- ✓
3	Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.	P.Sft	130/-	12,670	1647100/- ✓
	a) size 16" x 16" on floor	P.Sft	140/-	6,190	866600/- ✓
	b) size 20" x 20" on floor	P.Sft	130/-	1,505	195650/- ✓
	c) 4" high skirting	P.Sft			
4	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	325/-	315	102375/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civil Works - Second Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.				
	a) For Vanity wash basin / pantry	P. Sft	650/-	112	72800/- ✓
	b) For Reception / Nurse Station	P. Sft	650/-	168	109200/- ✓
6	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying selignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect in any floor.	P. Sft	575/-	1,452	834900/- ✓
7	Supplying and fixing in position Aluminium framing for openable (hinged) windows of Alcop made with 5 mm thick tinted glass (Belgium) including handles, stoppers and Locking arrangement, etc. complete Delux model (Bronze), in any floor.	P. Sft	625/-	600	375000/- ✓
8	Supplying and fixing in position Aluminium channel framing for openable (hinged) ventilators of Alcop made with 5 mm tinted glass glazing (Belgium) including handles, stoppers and Locking arrangement, etc. complete as per drawings, specification and as directed by the Engineer Incharge in any floor. Deluxe model (Bronze)	P. Sft	625/-	110	68750/- ✓

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civil Works - Second Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	Supplying and fixing in position Aluminium Channel framing for Fixed Glazing of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. complete, in any floor. Deluxe model (Bronze), in any floor.	P. Sft	650/-	338	219700/- ✓
10	Providing and fixing approved quality Bath Latch.	Each	1200/-	20	24000/- ✓
11	Providing and fixing hydraulic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer incharge.	Each	3500/-	10	35000/- ✓
12	Providing and fixing 14" wide bump rail comprising 12"x12" printed ceramics tile(Hala Pattern) of approval quality and make with polished shesham wood beading 1-1/2"x3/4" section at top and bottom fixed on wall with rawal plug (expansion shield) and counter sunk screws etc. complete in all respect as per drawing and direction of Engineer in any floor.	P. Rft	950/-	315	299250/- ✓
13	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor.				
	a) Floor mounted	P. Rft	500/-	80	40000/- ✓
	b) Wall mounted	P. Rft	450/-	18	8100/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.1.4: Hospital Building - Civ.I Works - Second Floor

HOSPITAL
 BOQ-C/SF-9

CIVIL WORK - NON-SCHEDULE ITEMS					
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT

14	Providing and fixing in position at any height, 3mm thick Fiberglass Plain Sheet of prime quality (using Mat of Taiwan) of Translucent / Opaque colour and M.S Tubular Frame Structure of approved manufacture (M/s FIBER TECH or equivalent as approved) for covering of open area on roof including making water proofing arrangements, required, fastening accessories, painting of M.S frame (3 coats of enamel paint over a coat of anti rust primer), cartage of all material to site etc. complete in all respect as per approved design, drawings, manufacturer's specifications and as approved and directed by the Engineer Incharge / Consultant.				
	a) 01 No. at Level + 44'-6" (Block-3)	P. Sft	700/-	412	288400/- ✓
	b) 01 No. at Level + 44'-6" (Block-1)	P. Sft	700/-	637	445900/- ✓
	c) 01 No. at Level + 46'-6" (Block-5)	P. Sft	725/-	4,341	3147225/- ✓
15	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.				
		P. Sft	475/-		Only Rate required

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	* 10549550/- ✓
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This Amount shall be carried over to sub-summary of Civil Work (Hospital)



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUB-SUMMARY OF PLUMBING WORKS (HOSPITAL)

S. No.	Particular	Amount of Schedule Items		Amount of Non Schedule Items		Total Amount
				Items		
1.2.1	Ground Floor	2,551,265		1,190,700.00		
1.2.2	First Floor	1,789,021		812,150.00		
1.2.3	Second Floor	1,072,534		812,150.00		
	Amount of Schedule & Non Schedule Items	5,412,820				
	.....2% Above / Below / At Par	108,256.40				
	Total Amount of Schedule & Non Schedule Items	5,304,563.60		2,815,000.00		
Total Amount of Civil Works						
						** 8,119,563.60

Note : ** This amount shall be carried over to Summary of Hospital Building



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 AND
 TECHNICAL
 11/2/2011

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble.	Each	6,166.60	18	110,999
2	EUROPEAN W.C Providing & Fixing Eurepean type white glazed earthen ware wash down w.c pan complete with & i/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia, and curing & making requisite number of hole in walls, plinth & follr for pipe connection & making good in cement concrete 1.2.4.(Page # 2 item # 4)	Each	5,339.40	13	69,412
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & i/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass cha n 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern).(Page No.3 Item No.8,9)	Each	4,253.70	56	238,207
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or cloured glazed (Foreign or Euivalent.)(Page # 3 item # 11)	Each	2,533.47	50	126,674
5	PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)	Each	447.15	90	40,244



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	CERAMIC SINK Providing and fixing 24" x 18" x 8" white glazed fire clay sink complete with & i/c the cost of cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p rubber plug chrome plated brass chain, 1-1/2" c.p brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Foreign or Equivalent) (Page # 5, Item # 18)	Each	4,722.30	50	236,115
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	90	150,442
8	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the kerb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item #1 (i))	Each	1,220.67	25	30,517
9	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	100	84,392



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	200	2,400
b)	3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	600	11,400
c)	1 inch dia (Page # 24,Item # 6c)	Rft	27.00	1,485	40,095
d)	1-1/2 inch dia (Page # 24,Item # 6e)	Rft	43.00	800	34,400
e)	2 inch dia (Page # 24,Item # 6 f)	Rft	65.00	300	19,500
11	MUSLIM SHOWER Supplying and fixing C.P Muslim Showeer with double Bib cock & ring Pipe etc. complete.(Page # 19, Item # 19-A)	Each	3,432.00	32	109,824
12	GATE VALVE Providing & fixing ball val've (with unsoldered copper ball) made to BBS 1212				
a)	1/2 inch dia (Page # 18,Item # 6 i)	Each	235.84	4	943
b)	3/4 inch dia (Page # 18,Item # 6 ii)	Each	290.84	8	2,327
c)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	8	2,547
d)	1-1/2 inch dia (Page # 18,Item # 6 v)	Each	573.70	8	4,590
e)	2"inch dia (Page # 18,Item # 6 vi)	Each	738.76	2	1,478
13	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pat:ern.(Page 16, Item # 2-ib)	Each	337.52	10	3,375
14	TOWEL RAIL Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.II) Towel rail 24" long(a) 3/4" dia round or square (Standard Pattern) Page # 7, Item # 1-III(A)	Each	972.95	44	42,810



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
15	SOAP TRAY Supplying and fixing soap tray of made plastic of superior quality and design with finishing with c.p screws etc. complete. (Page # 8, Item # 6)	Each	169.40	44	7,454
16	MIRROR GLASS Providing and fixing 24" x 18" bavalled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat.a) Standard Pattern (Page # 7, Item # 3-A)	Each	1,711.60	56	95,850
17	CANCEALED STOP COCK Supplying / Fixing cancealed stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for tiles Bath Rooms.(Page # 18, Item # 11-B)	Each	509.74	10	5,097
18	BASIN MIXTURE Supply/fixing wash basin mixture of superior qually with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	56	178,024
19	SINK MIXTURE Supply/fixing sink mixture cock of superior qualty with c.p head etc complete.(Page No.19 Item No.17)	Each	2,745.60	26	71,386
20	TOILET PAPER HOLDER Providing & Fixing CP brass toilet paper holder of standered size with chrome plated brass bracket complete. (Page # 7 item # 2b)	Each	1,071.40	56	59,998
21	BATH ROOM ACCESSOIRES SET				
21.1	Supplying & Fixing Bath room accessories set(7 piece) towel road, brush holder scaptray shelf of approved design 1/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	3	30,967
21.2	3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	226.00	1,500	339,000



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
21.3	4" dia UPVC PIPE Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	334.00	1,200	400,800
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM				*	2,551,265

* This Amount is carried over to sub-summary of Plumbing Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maxphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	Do. Do ½ inch (12 mm) Dia Pipe.	Rft	95/-	500	47500/- ✓
b	Do. Do ¾ inch (20 mm) Dia Pipe.	Rft	115/-	600	69000/- ✓
c	Do. Do 1 inch (25 mm) Dia Pipe.	Rft	130/-	1,050	136500/- ✓
d	Do. Do 1¼ inch (32 mm) Dia Pipe.	Rft	140/-	500	70000/- ✓
e	Do. Do. 2 inch (50 mm) dia pipe.	Rft	175/-	400	70000/- ✓

2 ELECTRIC WATER COOLER

Providing and fixing of electric water coolers totally rust proof, pressure type with stainless steel body as manufactured by MECO including 3 stage water filter (mabzi or equalvent) as approved by the Engineer-in-Charge. Capacity 60 US gallons (MECO Model ME-30SS)

Each	44000/-	4	176000/- ✓
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3 SINGLE GAS BURNER

Providing and fixing single gas burner superior quality made of stainless steel with rail cock i/c making gas connection as approved by the Engineer In charge as required.

Each	2900/-	2	5800/- ✓
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4 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

Each	25000/-	4	100000/- ✓
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 MUMTAZ & COMPANY
 KARACHI



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.1: Hospital Building - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	GAS WORK M.S. PIPE ½" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning,applying primer coating with BBES compound and warping with fibre glass,welding complete.	Rft	79/-	350	24500/- ✓
6	M.S. PIPE ¾" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning,applying primer coating with BBES compound and warping with fibre glass,welding complete.	Rft	80/-	450	36000/- ✓
7	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning,applying primer coating with BBES compound and warping with fibre glass,welding complete.	Rft	99/-	600	59400/- ✓
8	GAS COCK ½" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	500/-	12	6000/- ✓
9	BOTEL TRAP Providing and fixing botel trap , Asia brand or approved equivalent for wash basin, including all materials for fixing complete in ali respect with all accessories as per drawing.	Each	1950/-	200	390000/- ✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					1190700/- ✓

* This Amount shall be carried over to sub-summary of Plumbing Work (Hospital)

[Handwritten Signature]
 PROJECT OFFICER



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble.</p>	Each	6,166.60	18	110,999
2	<p>EUROPEAN W.C Providing & Fixing Eupleean type white glazed earthen ware wash down w.c pan complete with & l/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & folir for pipe connection & making good in cement concrete 1:2:4.(Page # 2 item # 4)</p>	Each	5,339.40	20	106,788
3	<p>WASH BASIN Providing and fixing 24" x 16" lavatory basin white glazed earthen ware complete with & l/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malloable iron or C.P brass traps malloable iron or brass unions and making requisi.e number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern).(Page No.3 Item No.8,9)</p>	Each	4,253.70	36	153,133
4	<p>PEDESTAL Providing & Fixing earthen ware Pedestal white or cloured glazed (Foreign or Euivalant.)(Page # 3 item # 11)</p>	Each	2,533.47	36	91,205
5	<p>PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)</p>	Each	447.15	110	49,187



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

HOSPITAL
 BOQ-P/FF-2

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	CERAMIC SINK Providing and fixing 24" x 18" x 8" white glazed fire clay sink complete with & i/c the cost of cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p. rubber plug chrome plated brass chain, 1-1/2" c.p. brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Foreign or Equivalent) (Page # 5, Item # 18)	Each	4,722.30	16	75,557
7	FLOOR TRAP Providing and fixing C.I. trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I. grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	90	150,442
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p. head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	110	92,831



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	200	2,400
b)	3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	450	8,550
c)	1 inch dia (Page # 24,Item # 6c)	Rft	27.00	350	9,450
d)	1-1/2 inch dia (Page # 24,Item # 6e)	Rft	43.00	450	19,350
e)	2 inch dia (Page # 24,Item # 6 f)	Rft	65.00	300	19,500
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Showerer with double Bib cock & ring Pipe etc. complete.(Page # 19, Item # 19-A)	Each	3,432.00	36	123,552
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1/2 inch dia (Page # 18,Item # 6 i)	Each	235.84	2	472
b)	3/4 inch dia (Page # 18,Item # 6 ii)	Each	290.84	2	582
c)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	8	2,547
d)	1-1/2 inch dia (Page # 18,Item # 6 v)	Each	573.70	8	4,590
e)	2"inch dia (Page # 18,Item # 6 vi)	Each	738.76	4	2,955
12	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-1b)	Each	337.52	4	1,350
13	TOWEL RAIL Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.III) Towel rail 24" long(a) 3/4" dia round or square (Standard Pattern) Page # 7, Item # 1-III(A)	Each	972.95	36	35,026



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
14	SOAP TRAY Supplying and fixing soap tray of made plastic of superior quality and design with finishing with c.p screws etc. complete. (Page # 8, Item # 6)	Each	169.40	36	6,098
15	MIRROR GLASS Providing and fixing 24" x 18" bevelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat.a) Standard Pattern (Page # 7, Item # 3-A)	Each	1,711.60	36	61,618
16	CANCEALED STOP COCK Supplying / Fixing cancealed stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for tiles Bath Rooms.(Page # 18, Item # 11-B)	Each	509.74	5	2,549
17	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	36	114,444
18	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete.(Page No.19 Item No.17)	Each	2,745.60	16	43,930
19	TOILET PAPER HOLDER Providing & Fixing CP brass toilet paper holder of standered size with chrome plated brass bracket complete (Page # 7 item # 2b)	Each	1,071.40	20	21,428
20	BATH ROOM ACCESSORIES SET				
20.1	Supplying & Fixing Bath room accessories set(7 piece) towel road, brush holder soaptray shelf of approved design l/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	4	41,290
20.2	3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	226.00	900	203,400



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of T.H.Q Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
20.3	4" dia UPVC PIPE Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	334.00	700	233,800
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					* 1,789,021

* This Amount is carried over to sub-summary of Plumbing Work (Hospital)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

HOSPITAL
 BOQ-PIFF-6

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	PPRC PIPES Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).				
a	Do. Do ½ inch (12 mm) Dia Pipe.	Rft	95/-	150	14250/- ✓
b	Do. Do ¾ inch (20 mm) Dia Pipe.	Rft	115/-	500	57500/- ✓
c	Do. Do 1 inch (25 mm) Dia Pipe.	Rft	130/-	550	71500/- ✓
d	Do. Do 1¼ inch (32 mm) Dia Pipe.	Rft	140/-	450	63000/- ✓
e	Do. Do. 2 inch (50 mm) dia pipe.	Rft	175/-	200	35000/- ✓
2	ELECTRIC WATER COOLER Providing and fixing of electric water coolers totally rust proof, pressure type with stainless steel body as manufactured by MECO including 3 stage water filter (mabzi or equalvent) as approved by the Engineer-in-Charge. Capacity 60 US gallons (MECO Model ME-30SS)	Each	44000/-	4	176000/- ✓
3	SINGLE GAS BURNER Providing and fixing single gas burner superior quality made of stainless steel with rail cock 1/2 making gas connection as approved by the Engineer in charge as required.	Each	29000/-	7	203000/- ✓
4	GYESER Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity	Each	25000/-	4	100000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.2: Hospital Building - Plumbing Works - First Floor

HOSPITAL
 BOQ-P/FF-7

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	GAS WORK M.S. PIPE 1/2" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	70/-	70	4900/- ✓
6	M.S. PIPE 3/4" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	80/-	100	8000/- ✓
7	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	99/-	600	59400/- ✓
8	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	500/-	8	4000/- ✓
9	BOTEL TRAP Providing and fixing botel trap, Asia brand or approved equivalent for wash bas'n, including all materials for fixing complete in all respect with all accessories as per drawing.	Each	1950/-	8	15600/- ✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					* 812150/- ✓

* This Amount shall be carried over to sub-summary of Plumbing Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.3: Hospital Building - Plumbing Works - Second Floor

HOSPITAL
 BOQ-P/SF-1

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orissa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble.</p>	Each	6,166.60	10	61,666
2	<p>EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & /c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & follr for pipe connection & making good in cement concrete 1:2:4.(Page # 2 item # 4)</p>	Each	5,339.40	15	80,091
3	<p>WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & /c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern).(Page No.3 Item: No.8,9)</p>	Each	4,253.70	17	72,313
4	<p>PEDESTAL Providing & Fixing earthen ware Pedestal white or cloured glazed (Foreign or Euivalant.)(Page # 3 item # 11)</p>	Each	2,533.47	17	43,069
5	<p>PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)</p>	Each	447.15	60	26,829



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.3: Hospital Building - Plumbing Works - Second Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	CERAMIC SINK Providing and fixing 24" x 18" x 8" white glazed fire clay sink complete with & i/c the cost of cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p. rubber plug chrome plated brass chain, 1-1/2" c.p. brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Foreign or Equivalent) Page # 5, Item # 18)	Each	4,722.30	6	28,334
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	25	41,790
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	60	50,635
9	UPVC PIPE Providing, Laying uPVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.				
a	1/2 inch dia (Page # 24, Item # 6a)	Rft	12.00	100	1,200
b	3/4 inch dia (Page # 24, Item # 6b)	Rft	19.00	250	4,750
c	1 inch dia (Page # 24, Item # 6c)	Rft	27.00	300	8,100
d	1-1/2 inch dia (Page # 24, Item # 6e)	Rft	43.00	350	15,050
e	2 inch dia (Page # 24, Item # 6f)	Rft	65.00	200	13,000
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Shower with double Bib cock & ring Pipe etc. complete. (Page # 19, Item # 19-A)	Each	3,432.00	25	85,800

(Handwritten signature and stamp)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.3: Hospital Building - Plumbing Works - Second Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a	1/2 inch dia (Page # 18,Item # 6 i)	Each	235.84	2	472
b	3/4 inch dia (Page # 18,Item # 6 ii)	Each	290.84	2	582
c	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	4	1,273
d	1-1/2 inch dia (Page # 18,Item # 6 v)	Each	573.70	4	2,295
e	2"inch dia (Page # 18,Item # 6 vi)	Each	738.76	2	1,478
12	BIB COCK Supplying and fixing in position C.P Bib cock,-b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-ib)	Each	337.52	2	675
13	TOWEL RAIL Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.III) Towel rail 24" long(a) 3/4" dia round or square (Standard Pattern) Page # 7, Item # 1-III(A)	Each	972.95	17	16,540
14	SOAP TRAY Supplying and fixing soap tray of made plastic of superior quality and design with finishing with c.p screws etc, complete. (Page # 8, Item # 6)	Each	169.40	17	2,880
15	MIRROR GLASS Providing and fixing 24" x 18" bavalled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat.a) Standard Pattern (Page # 7, Item # 3-A)	Each	1,711.60	17	29,097
16	CANCEALED STOP COCK Supplying / Fixing cancealed stop cock of superior quality with c.p head 1/2" dia, C.P fittings of Superior quality for tiles Bath Rooms.(Page # 18, Item # 11-B)	Each	509.74	60	30,584



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1,2,3: Hospital Building - Plumbing Works - Second Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
17	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	17	54,043
18	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete. Page No.19 Item No.17)	Each	2,745.60	6	16,474
19	TOILET PAPER HOLDER Providing & Fixing CP brass toilet paper holder of standard size with chrome plated brass bracket complete (Page # 7 Item # 2b)	Each	1,071.40	15	16,071
20	BATH ROOM ACCESSORIES SET				
20.1	Supplying & Fixing Bath room accessories set(7 piece) towel rack, brush holder soaptray shelf of approved design i/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	2	20,645
20.2	UPVC PIPE 3" DIA Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 Item No.6-h)	Rft	226.00	500	113,000
20.3	UPVC PIPE 4" DIA Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	334.00	700	233,800
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM				*	1,072,534

* This Amount is carried over to sub-summary of Plumbing Work (Hospital)

PROJ. ENGINEER
 HEALTH DEPT. SINDH
 KAMBER



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of TIQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.3: Hospital Building - Plumbing Works - Second Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maxphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	Do. Do 1/4 inch (12 mm) Dia Pipe.	Rft	95/-	150	14250/- ✓
b	Do. Do 3/4 inch (20 mm) Dia Pipe.	Rft	115/-	500	57500/- ✓
c	Do. Do 1 inch (25 mm) Dia Pipe.	Rft	130/-	550	71500/- ✓
d	Do. Do 1 1/4 inch (32 mm) Dia Pipe.	Rft	140/-	450	63000/- ✓
e	Do. Do. 2 inch (50 mm) dia pipe.	Rft	175/-	200	35000/- ✓

24 ELECTRIC WATER COOLER

Providing and fixing of electric water coolers totally rust proof, pressure type with stainless steel body as manufactured by MECO including 3 stage water filter (mabzi or equal/ent) as approved by the Engineer-in-Charge. Capacity 60 US gallons (MECO Model ME-30SS)

		Each	44000/-	4	176000/- ✓
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25 SINGLE GAS BURNER

Providing and fixing single gas burner superior quality made of stainless steel with rail cock i/c making gas connection as approved by the Engineer In charge as required.

		Each	29000/-	7	203000/- ✓
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26 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

		Each	25000/-	4	100000/- ✓
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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.2.3: Hospital Building - Plumbing Works - Second Floor

HOSPITAL
 BOQ-P/SF-6

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
27	GAS WORK M.S. PIPE 1/2" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	70/-	70	4900/- ✓
28	M.S. PIPE 3/4" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	80/-	100	8000/- ✓
29	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	99/-	600	59400/- ✓
30	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	500/-	8	4000/- ✓
31	BOTEL TRAP Providing and fixing botel trap, Asia brand or approved equivalent for wash basin, including all materials for fixing complete in all respect with all accessories as per drawing.	Each	1950/-	8	15600/- ✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					812150/- ✓

* This Amount shall be carried over to sub-summary of Plumbing Work (Hospital)

[Handwritten Signature]
 PROJECT OFFICER
 HEALTH DEPARTMENT
 GOVERNMENT OF SINDH



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUB-SUMMARY OF ELECTRICAL WORKS (HOSPITAL)

S. No.	Particular	Amount of Schedule Items	Amount of Non Schedule Items	Total Amount
1.3.1	Ground Floor	1,390,345	14,894,500.00	
1.3.2	First Floor	1,012,030	9,126,550.00	
1.3.3	Second Floor	747,622	6,648,550.00	
	Amount of Schedule & Non Schedule Items	3,149,997		
	.....2.5% Above / Below / At Par	78,749.93		
	Total Amount of Schedule & Non Schedule Items	3,071,247.08	30,669,600.00	
	Total Amount of Electrical Works			* * 33,740,847.08

Note : * * This amount shall be carried over to Summary of Hospital Building



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 core copper conductr 300/500 volts size 10 mm ² Schedule item no.101 page 12	Per Mter.	742.00	140	103,880
2	Providing & Laying (Main or Sub Main) PVC insulated & PVC Sheeted with 4 core copper conductr 600/1000 volts size 16 mm ² Schedule item no.102 page 12	Per Mter.	1,300.00	260	338,000
3	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule Item 124 page no.15	Per Point	797.00	550	438,350
4	Wiring for plug point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	74	72,890
5	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	74	11,174
6	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	54	8,748
7	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	405	29,160
8	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	80	241,600
9	Providing and fixing brass Ceiling fan 55" (good quality) Schedule item 235 page no.34	Per No	3,185.00	39	124,215
10	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	8	22,328
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					1,390,345

This Amount is carried over to sub-summary of Electrical Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1- Wiring & Accessories.					
1	Wiring of light point from distribution board to light point with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit, including all wiring accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, ceiling etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specifications and drawing.	Point	5000/-	7	35000/- ✓
2	Same as item No. 1 wiring from point to point with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.	Point	2000/-	42	84000/- ✓
3	Same as above item No 1 but wiring with 2x 4sq.mmsingle cor + ECC as required for O.T. light point, complete as per specification and drawing.	Point	7000/-	1	7000/- ✓
4	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	2500/-	48	120000/- ✓
5	Wiring of light and fan point from point to switch with 1.5 sq.mm single core PVC insulated copper conductor wire in 3/4" dia PVC conduit, including all wiring accessories such as band, socket, reducer, JBs etc., recessed in the wall, column, roof including ECC single core (Green) wire, complete as per specification and drawing.	Point	10000/-	550	550000/- ✓




Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	700/-	68	476000/- ✓
7	Same as above item No.10 but power plug outlet to outlet, complete as per specifications and drawing.	Point	2500/-	68	170000/- ✓
8	Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	1000/-	37	37000/- ✓
9	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.				
	a) 1 Gang switch	No.	500/-	28	14000/- ✓
	b) 2 Gang switch	No.	600/-	59	35400/- ✓
	c) 3 Gang switch	No.	700/-	37	25900/- ✓
	d) 4 Gang switch	No.	800/-	44	35200/- ✓
	f) Ceiling Fan Dimmer 400W	No.	750/-	118	88500/- ✓



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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10	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.				
	a) 10 Amps 3-pin switch & socket outlet	No.	500/-	74	37000/- ✓
	b) 13 Amps 3-pin (Duplex) outlet	No.	750/-	76	57000/- ✓
	c) 16 Amps International switch & socket	No.	1000/-	92	92000/- ✓
	d) 16 Amps Souko switch & socket	No.	2000/-	8	16000/- ✓
	e) 25 Amps disconnect isolator switch for AC unit	No.	1000/-	37	37000/- ✓
	II- Fixtures:				
11	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.	No.	3000/-	17	51000/- ✓
12	Supply, installation, connecting, testing and commissioning of following surface mounting fluorescent light fixture with TLD white day light lamp, including starter, electro magnetic ballast & capacitor as Philips or approved Pierlite.				
	c) Plastic diffuser 1x36W Philips GMP-015/136 or Pierlite PBWC-135	No.	1500/-	215	322500/- ✓
	e) High performance luminaire with M2 reflector 1x36W Philips TCS/136 or Pierlite PT136S-M1	No.	3500/-	75	262500/- ✓
	f) High performance luminaire with M2 reflector 2x36W Philips TCS/236 or Pierlite PT236S-M1	No.	5000/-	6	30000/- ✓
	g) Mirror Light Fixture with 18W Fluorescent lamp	No.	1500/-	10	15000/- ✓



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
3	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No	2000/-	8	16000/- ✓
4	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 2x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No	3000/-	102	306000/- ✓
5	Supply, installation, connecting, testing & commissioning of wall mounting weather proof hook-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W	No.	1500/-	53	79500/- ✓
6	Supply, installation, connecting, testing & commissioning of ceiling suspended double sided 10W Exit / Sign light having M.S. sheet powder coated Pierlite ST10NMO or approved by the Architect	No.	2500/-	5	12500/- ✓
7	Supply, installation, connecting, testing & commissioning of Insect Killer pendent mounting with 2x20W ultra violet lamp Pierlite type IK22D(Khind) or approved by the Architect.	No.	7500/-	12	90000/- ✓
III- Distribution board, power cable, Pipes & Earthing					
8	Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per specifications and drawing.				
	Radialogy	Set	50000/-	1	50000/- ✓
	a) LDB-2G	Set	50000/-	1	50000/- ✓
	b) PDB-2G	Set	50000/-	1	50000/- ✓
	c) DB-LAB	Set	50000/-	1	50000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

Hospital
 BOQ - E/GF-6

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	O.P.D.				
a)	LDB-3G	Set	50000/-	1	50000/- ✓
b)	PDB-3G	Set	50000/-	1	50000/- ✓
c)	ACDB-3G	Set	50000/-	1	50000/- ✓
	O.P.D.				
a)	LDB-1G	Set	50000/-	1	50000/- ✓
b)	PDB-1G	Set	50000/-	1	50000/- ✓
c)	ACDB-1G	Set	50000/-	1	50000/- ✓
	Casualty				
a)	LDB-4G	Set	50000/-	1	50000/- ✓
b)	PDB-4G	Set	50000/-	1	50000/- ✓
	Circulation area:				
a)	LDB-5GC	Set	50000/-	1	50000/- ✓
b)	PDB-LIFT	Set	50000/-	1	50000/- ✓
19	Supply and installation of following sizes PVC conduit surface/ recessed in wall, beam etc., including all installation accessories as required for power cabling, complete as per specification and drawing.				
a)	1-1/2" dia PVC conduit	Rft	45/-	210	9450/- ✓
b)	1" dia PVC conduit	Rft	40/-	100	4000/- ✓
20	Supply & installation of galvanized perforated enclosed with openable cover 12"x4" cable trunking, including installation brackets and all installation accessories and material, complete as per specification and drawing.	Rft	1800/-	120	216000/- ✓
	IV- Nurs Call system system:				
21	Supply and installation of 3/4" dia PVC conduit to be installed recessed /surface of wall, beam ceiling, column etc., as shown on drawing, complete with all respects.	Rft	30/-	200	6000/- ✓

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
22	Supply, connecting, testing & commissioning of 1 sq.mm 4-core PVC shielded cable suitable for nurse call system in already installed conduit, complete as per specification and drawing.	Rft.	55/-	500	27500/- ✓
23	Supply, connecting, testing & commissioning of following accessories of nurse call system, complete in all respects. a) Pressure/ Nurs call button	No.	150/-	12	1800/- ✓
	b) Door indicator panel for 10 zone	No.	5000/-	3	15000/- ✓
24	Supply, installation, connecting, testing C-TEC Nurse call 800 suitable for 20 zone indicator panel with buzzer, complete in all respects.	Set	25000/-	1	25000/- ✓
V- Communication System:					
25	Supply and installation of 1" or 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft	35/-	3,000	105000/- ✓
26	Supply and installation of structure cable as required for High-Speed Data network station CAT-6 PVC shielded cable in already installed Trunking/ conduit/ Channel. The CAT- 6 cable should be 3M or Clipsal make Australian, complete in all respect with satisfaction of the Client/ Consultant.	Rft	60/-	7,100	426000/- ✓
27	Supply, installation, connecting, testing and commissioning of Duplex Data / Voice outlet RJ45 suitable for Cat-6 with fancy gang plate, Clipsal C-Vivace series make or 3M, including sheet steel back box, complete in all respects.	No.	1750/-	69	120750/- ✓
28	Supply, installation, connecting and testing of following Enhanced Cat-6 Patch Cords a) 1 meter Enhanced Cat-6 patch cord	No.	2500/-	120	300000/- ✓
	b) 2 meter Enhanced Cat-6 patch cord	No.	5000/-	120	600000/- ✓
29	Supply, installation 24 port patch panel, and Ethernet switches, floor mounting type 27U Racks, including Patch cords and patch drop cords complete as per per site IT Engineer instruction with all respects.	Set	150000/-	5	750000/- ✓

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Name of Client: Health Department, Government of Kerala
 Name of Project: Upgradation of T-40 Hospital to the level of D-40 Hospital at Kambur
 Sub Head # 1.3.1: Hospital Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
30	Supply, connecting, testing and tagging/ labeling Data/Voice Nodes and providing Fluke Test at 400Mhz (DSP-4000) as required for Client / consultant witness (Two set of test result to be submitted for getting approval) complete in all respect.	Job	100000/-	5	500000/- ✓
31	Supply, installation, connecting, testing and commissioning of Telephone TJB having 20 Pair Tag Block as per drawing with all respects.	No.	50000/-	1	50000/- ✓
32	Supply, installation, connecting, testing and commissioning of PABX suitable for 8 line & 60 extension, Panasonic make or approved equivalent.	Set	500000/-	1	500000/- ✓
VI- Fire Alarm System:					
33	Supply and installation of 1" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft.	40/-	1,900	76000/- ✓
34	Supply, installation, connecting, testing and commissioning of 1.5 Sq.mm twisted PVC shielded cable as required for Fire Alarm wiring	Rft.	70/-	3,000	210000/- ✓
35	Supply, installation, connecting, testing and commissioning of following Fire Alarm accessories, suitable for intelligent system. Honeywell or approved equivalent,				
	a) F.A. smoke or optical detector	No	5000/-	66	330000/- ✓
	b) F.A. bell 4" dia	No	7500/-	7	52500/- ✓
	c) F.A. break glass switch	No	8500/-	7	59500/- ✓
36	Supply, installation, connecting, testing and commissioning of Addressable Intelligent Fire Alarm Control Panel (FACP) 6- Zone, consisting with battery backup, Honeywell or equivalent, complete with all respects.	Set	500000/-	1	500000/- ✓



Name of Client: Health Department, Government of Sindh

Name of Project: Upgradation of ECG - Hospital to the level of D-G - Hospital at Kambar

Sub Head # 1.3.1: Kambar Building - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
VII- Public Adress system:					
37	Supply and installation of 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft.	30/-	900	27000/- ✓
38	Supply, connecting, testing & commissioning of 1.5 sq.mm twisted PVC shieled cable suitable for sound system in already installed conduit, complete as per specification and drawing.	Rft.	70/-	1,000	70000/- ✓
39	Supply, installation, connecting, testing & commissioning of Micro-phone outlet Clipsal make or approved equivalent. Complete in all respects.	No	5000/-	8	40000/- ✓
40	Supply, connecting, testing & commissioning of surface mounting 8" dia Speaker having cylindrical shapes 5W operating voltage 12V suitable for P.A. system, TOA make or approved equivalent, complete in all respects.	No.	8000/-	16	128000/- ✓
41	Supply, installation, connecting, testing & commissioning of 250 W Power Amplifier equipment suitable for sound/ Announcement, complete as per client requirement, including providing Hand held cordless microphone receiver CD Player, Rack of the equipment ectc., The system should be Philips or TOA make, complete in all respects with satisfaction of Client representative / consultant.	Set	350000/-	1	350000/- ✓
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM					14894500/- ✓

This Amount shall be carried over to sub-summary of Electrical Work (Hospital)



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 core copper conductr 300/500 volts size 10 mm ² Schedule item no.101 page 12	Per Mter.	742.00	90	66,780
2	Providing & Laying (Main or Sub Main) PVC insulated & PVC Sheeted with 4 core copper conductr 600/1000 volts size 13 mm ² Schedule item no.102 page 12	Per Mter.	1,300.00	105	136,500
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	458	365,026
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	54	53,190
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	54	8,154
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	31	5,022
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	120	8,640
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page r o.34	Per No	3,020.00	24	72,480
10	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	86	273,910
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	8	22,328
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	1,012,030

* This Amount is carried over to sub-summary of Electrical Work (Hospital)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
I- Wiring & Accessories.					
3	Same as above item No.1 but wiring with 2x 4sq.mmsingle cor + ECC as required for O.T. light point, complete as per specification and drawing.	Point	10000/-	5	50000/- ✓
4	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	5000/-	49	245000/- ✓
5	Wiring of light and fan point from point to switch with 1.5 sq.mm single core PVC insulated copper conductor wire in 3/4" dia PVC conduit, including all wiring accessories such as bend, socket, reducer, JBs etc., recessed in the wall, column, roof including ECC single core (Green) wire, complete as per specification and drawing.	Point	2000/-	458	916000/- ✓
7	Same as above item 5 but wiring for Two way light point with 1.5sq.mm single core PVC insulated, complete as per specifications and drawing.	Point	3000/-	3	9000/- ✓
10	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	7000/-	80	560000/- ✓
11	Same as above item No.10 but power plug outlet to outlet, complete as per specifications and drawing.	Point	2500/-	92	230000/- ✓

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Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JB's, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	10000/-	21	210000/- ✓
14	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.				
	a) 1 Gang switch	No.	500/-	35	17500/- ✓
	b) 2 Gang switch	No.	600/-	47	28200/- ✓
	c) 3 Gang switch	No.	700/-	43	35100/- ✓
	d) 4 Gang switch	No.	800/-	23	18400/- ✓
	f) Ceiling Fan Dimmer 400W	No.	756/-	118	88500/- ✓
15	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.				
	a) 10 Amps 3-pin switch & socket outlet	No.	500/-	64	32000/- ✓
	b) 13 Amps 3-pin (Duplex) outlet	No.	750/-	31	23250/- ✓
	c) 16 Amps International switch & socket	No.	1000/-	190	190000/- ✓
	d) 16 Amps Souko switch & socket	No.	200/-	16	3200/- ✓
	e) 25 Amps disconnect isolator switch for AC unit	No.	1000/-	21	21000/- ✓

PRO



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
II- Fixtures:					
16	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.	No.	3000/-	18	54000/- ✓
18	Supply, installation, connecting, testing and commissioning of following surface mounting fluorescent light fixture with TLD white day light lamp, including starter, electro magnetic ballast & capacitor as Philips or approved Pierlite.				
	c) Plastic diffuser 1x36W Philips GMP-015/136 or Pierlite PBWC-135	No.	1500/-	203	304500/- ✓
	e) High performance luminaire with M2 reflector 1x36W Philips TCS/136 or Pierlite PT136S-M1	No.	3500/-	33	115500/- ✓
	f) High performance luminaire with M2 reflector 2x36W Philips TCS/236 or Pierlite PT236S-M1	No.	5000/-	29	145000/- ✓
	g) Mirror Light Fixture with 18W Fluorescent lamp	No.	1500/-	10	15000/- ✓
19	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector. Philips type FCS-120 or approved equivalent.	No	2000/-	8	16000/- ✓
20	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 2x18 watt compact fluorescent lamp with high polished reflector. Philips type FCS-120 or approved equivalent.	No	3000/-	125	375000/- ✓
22	Supply, installation, connecting, testing & commissioning of ceiling suspended double sided 10W Exist / Sign light having M.S. sheet powder coated Pierlite ST10NMO or approved by the Architect	No.	2500/-	5	12500/- ✓



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
23	Supply, installation, connecting, testing & commissioning of Insect Killer pendent mounting with 2x20W ultra vilat lamp Pierlite type IK22D(Khind) or approved by the Architect.	No.	7500/-	14	105000/- ✓
	III- Distribution board, power cable, Pipes & Earthing				
24	Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per specifications and drawing.				
	<i>I.C.U.Wards</i>				
	a) LDB-2F	Set	50000/-	1	50000/- ✓
	b) PDB-2F	Set	50000/-	1	50000/- ✓
	<i>O.T.</i>				
	a) LDB-1F	Set	50000/-	1	50000/- ✓
	b) PDB-1F	Set	50000/-	1	50000/- ✓
	c) DB-OT-1 & DB-OT-2	Set	50000/-	2	100000/- ✓
	<i>Gy. O.T.</i>				
	a) LDB-3F	Set	50000/-	1	50000/- ✓
	b) PDB-3F	Set	50000/-	1	50000/- ✓
	c) ACDB-3F	Set	50000/-	1	50000/- ✓
	d) LDB-5F	Set	50000/-	1	50000/- ✓
	<i>Wards</i>				
	a) LDB-4F	Set	50000/-	1	50000/- ✓
	b) PDB-4F	Set	50000/-	1	50000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THO Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
31	Supply and installation of following sizes PVC conduit surface/ recessed in wall, beam etc., including all installation accessories as required for power cabling, complete as per specification and drawing. a) 1-1/2" dia PVC conduit	Rft	45/-	120	5400/- ✓
28	Supply & installation of galvanized perforated enclosed with openable cover 12"x4" cable trunking, including installation brackets and all installation accessories and material, complete as per specification and drawing.	Rft	1800/-	60	108000/- ✓
IV- Nurs Call system system:					
28	Supply and installation of 3/4" dia PVC conduit to be installed recessed /surface of wall, beam ceiling, column etc., as shown on drawing, complete with all respects.	Rft	30/-	1,400	42000/- ✓
29	Supply, connecting, testing & commissioning of 1 sq.mm 4-core PVC shielded cable suitable for nurse call system in already installed conduit, complete as per specification and drawing.	Rft.	55/-	6,900	379500/- ✓
30	Supply, connecting, testing & commissioning of following accessories of nurse call system, complete in all respects. a) Pressure/ Nurs call button.	No.	1500/-	87	130500/- ✓
	b) Door Indicator panel for 10 zone	No.	5000/-	4	20000/- ✓
31	Supply, installation, connecting, testing C-TEC Nurse call 800 suitable for 20 zone indicator panel with buzzer, complete in all respects.	Set	25000/-	6	150000/- ✓
V- Communication System:					
32	Supply and installation of 1" or 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft	35/-	1,350	47250/- ✓

SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
33	Supply and installation of structure cable as required for High-Speed Data network station CAT-6 PVC shielded cable in already installed Trunking/ conduit/ Channel. The CAT- 6 cable should be 3M or Clipsal make Australian, complete in all respect with satisfaction of the Client/ Consultant.	Rft	60/-	3,600	216000/- ✓
34	Supply, installation, connecting, testing and commissioning of Duplex Data / Voice outlet RJ45 suitable for Cat-6 with fancy gang plate, Clipsal C-Vivace series make or 3M, including sheet steel back box, complete in all respects.	No.	1750/-	41	71750/- ✓
35	Supply, installation, connecting and testing of following Enhanced Cat-6 Patch Cords				
a)	1 meter Enhanced Cat-6 patch cord	No.	2500/-	72	180000/- ✓
b)	2 meter Enhanced Cat-6 patch cord	No.	5000/-	72	360000/- ✓
36	Installation of Owner supplied 2 Nos. 16 port patch panel, and Ethernet switches, mounting in floor mounting type 27U Racks, including Patch cords and patch drop cords complete as per per site IT Engineer instruction with all respects.	Set	150000/-	3	450000/- ✓
37	Supply, connecting, testing and tagging/ labeling Data/Voice Nodes and providing Fluke Test at 400Mhz (DSP-4000) as required for Client / consultant witness (Two set of test result to be submitted for getting approval) complete in all respect.	Job	100000/-	3	300000/- ✓
VI- Fire Alarm System:					
40	Supply and installation of 1" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft.	35/-	1,300	45500/- ✓
41	Supply, installation, connecting, testing and commissioning of 1.5 Sq.mm twisted PVC shielded cable as required for Fire Alarm wiring,	Rft.	70/-	1,700	119000/- ✓

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 PROJECT DIRECTOR



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.2: Hospital Building - Electrical Works - First Floor

Hospital
 BOQ - E/FF-8

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
42	Supply, installation, connecting, testing and commissioning of following Fire Alarm accessories, suitable for intelligent system. Honeywell or approved equivalent, a) F.A. smoke or optical detector	No	5000/-	52	260000/- ✓
	b) F.A. bell 4" dia	No	7500/-	7	52500/- ✓
	c) F.A. break glass switch	No	8500/-	7	59500/- ✓
	VII- Public Address system:				
44	Supply and installation of 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft.	30/-	700	21000/- ✓
45	Supply, connecting, testing & commissioning of 1.5 sq.mm twisted PVC shielded cable suitable for sound system in already installed conduit, complete as per specification and drawing.	Rft.	70/-	900	63000/- ✓
46	Supply, installation, connecting, testing & commissioning of Micro-phone outlet Clipsal make or approved equivalent. Complete in all respects.	No	5000/-	1	5000/- ✓
47	Supply, connecting, testing & commissioning of surface mounting 8" dia Speaker having cylindrical shapes 5W operating voltage 12V suitable for P.A. system, TOA make or approved equivalent, complete in all respects.	No.	8000/-	12	96000/- ✓
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM					* 9126550/- ✓

* This Amount shall be carried over to sub-summary of Electrical Work (Hospital)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of T-HQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 core copper conductor 300/500 volts size 10 mm ² Schedule item no.101 page 12	Per Mter.	742.00	60	44,520
2	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheeted with 4 core copper conductor 600/1000 volts size 16 mm ² Schedule item no.102 page 12	Per Mter.	1,300.00	120	156,000
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	284	226,348
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	32	31,520
5	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	32	4,832
6	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	13	2,106
7	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	70	5,040
8	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	4	12,080
9	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	78	248,430
10	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	6	16,746
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	747,622

* This Amount is carried over to sub-summary of Electrical Work (Hospital)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
I-Wiring & Accessories.					
1	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	5000/-	48	240000/- ✓
2	Same as above item No.5 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.	Point	2000/-	22	44000/- ✓
3	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	4000/-	48	192000/- ✓
4	Same as above item No.10 but power plug outlet to outlet, complete as per specifications and drawing.	Point	2500/-	64	160000/- ✓
5	Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	10000/-	8	80000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

Hospital
 BOQ - E/SF-3

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.				
	a) 1 Gang switch	No.	500/-	20	10000/- ✓
	b) 2 Gang switch	No.	600/-	28	16800/- ✓
	c) 3 Gang switch	No.	700/-	36	25200/- ✓
	d) 4 Gang switch	No.	800/-	12	9600/- ✓
	f) Ceiling Fan Dimmer 400W	No.	750/-	82	61500/- ✓
7	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.				
	a) 10 Amps 3-pin switch & socket outlet	No.	500/-	32	16000/- ✓
	b) 13 Amps 3-pin (Duplex) outlet	No.	750/-	30	22500/- ✓
	c) 16 Amps International switch & socket	No.	1000/-	90	90000/- ✓
	d) 16 Amps Souko switch & socket	No.	2000/-	4	8000/- ✓
	e) 25 Amps disconnect isolator switch for AC unit	No.	1000/-	8	8000/- ✓
	II- Fixtures:				
8	Supply, installation, connecting, testing & commissioning of 30 Cm ("2") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.				
		No.	3000/-	13	39000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

Hospital
 BOQ - E/SF-4

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	Supply, installation, connecting, testing and commissioning of following surface mounting fluorescent light fixture with TLD white day light lamp, including starter, electro magnetic ballast & capacitor as Philips or approved Pierlite.				
	c) Plastic diffuser 1x36W Philips GMP-015/136 or Pierlite PBWC-135	No.	1500/-	99	148500/- ✓
	e) High performance luminaire with M2 reflector 1x36W Philips TCS/136 or Pierlite PT136S-M1	No.	3500/-	28	98000/- ✓
	g) Mirror Light Fixture with 18W Fluorescent lamp	No.	1500/-	4	6000/- ✓
10	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No.	2000/-	4	8000/- ✓
11	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 2x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No.	3000/-	80	240000/- ✓
12	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 cval 60W	No.	1500/-	4	6000/- ✓
13	Supply, installation, connecting, testing & commissioning of ceiling suspended double sided 10W Exist / Sign light having M.S. sheet powder coated Pierlite ST10NMO or approved by the Architect	No.	2500/-	2	5000/- ✓
14	Supply, installation, connecting, testing & commissioning of Insect Killer pendent mounting with 2x20W ultra violet lamp Pierlite type IK22D(Khind) or approved by the Architect.	No.	7500/-	7	52500/- ✓

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ARCHITECT
 SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

Hospital
 BOQ - E/SF-5

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	III- Distribution board, power cable, Pipes & Earthing				
15	Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per specifications and drawing.				
	<i>Admin.</i>				
	a) LDB-3S	Set	50000/-	1	50000/- ✓
	b) PDB-3S	Set	50000/-	1	50000/- ✓
	c) ACDB-3S	Set	50000/-	1	50000/- ✓
	d) LDB-5S				
	<i>Wards</i>				
	a) LDB-4S	Set	50000/-	1	50000/- ✓
	b) PDB-4S	Set	50000/-	1	50000/- ✓
16	Supply and installation of following sizes PVC conduit surface/ recessed in wall, beam etc., including all installation accessories as required for power cabling, complete as per specification and drawing.				
	a) 1-1/2" dia PVC conduit	Rft	45/-	60	2700/- ✓
17	Supply & installation of galvanized perforated enclosed with openable cover 12"x4" cable trunking, including installation brackets and all installation accessories and material, complete as per specification and drawing.				
		Rft	1800/-	30	54000/- ✓
	IV- Nurs Call system system:				
18	Supply and installation of 3/4" dia PVC conduit to be installed recessed /surface of wall, beam, ceiling, column etc., as shown on drawing, complete with all respects.				
		Rft	30/-	900	27000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

Hospital
 BOQ - E/SF-6

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
19	Supply, connecting, testing & commissioning of 1 sq.mm 4-core PVC shielded cable suitable for nurse call system in already installed conduit, complete as per specification and drawing.	Rft.	55/-	3,200	176000/- ✓
20	Supply, connecting, testing & commissioning of following accessories of nurse call system, complete in all respects. a) Pressure/ Nurs call button	No.	15000/-	54	81000/- ✓
	b) Door indicator panel for 10 zone	No.	50000/-	4	200000/- ✓
21	Supply, installation, connecting, testing Nurse call 800 suitable for 20 zone indicator panel with buzzer. complete in all respects.		250000/-	4	1000000/- ✓
	V- Communication System:				
22	Supply and installation of 1" or 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft	35/-	900	31500/- ✓
23	Supply and installation of structure cable as required for High-Speed Data network station CAT-6 PVC shielded cable in already installed Trunking/ conduit/ Channel. The CAT- 6 cable should be 3M or Clipsal make Australian, complete in all respect with satisfaction of the Client/ Consultant.	Rft	60/-	1,900	114000/- ✓
24	Supply, installation, connecting, testing and commissioning of Duplex Data / Voice outlet RJ45 suitable for Cat-6 with fancy gang plate, Clipsal C-Vivace series make or 3M, including sheet steel back box, complete in all respects.	No.	1750/-	31	54250/- ✓
25	Supply, installation, connecting and testing of following Enhanced Cat-6 Patch Cords				
a)	1 meter Enhanced Cat-6 patch cord	No.	2500/-	24	60000/- ✓
b)	2 meter Enhanced Cat-6 patch cord	No.	5000/-	24	120000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
26	Installation of Own supplied 2 Nos. 16 port patch panel, and Ethernet switches, mounting in floor mounting type 27U Racks, including Patch cords and patch drop cords complete as per per site IT Engineer instruction with all respects.	Set	15000/-	1	15000/- ✓
27	Supply, connecting, testing and tagging/ labeling Data/Voice Nodes and providing Fluke Test at 400Mhz (DSP-4000) as required for Client / consultant witness (Two set of test result to be submitted for getting approval) complete in all respect.	Job	100000/-	1	100000/- ✓
VI- Fire Alarm System:					
28	Supply and installation of 1" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft.	45/-	700	31500/- ✓
29	Supply, installation, connecting, testing and commissioning of 1.5 Sq.mm twisted PVC shielded cable as required for Fire Alarm wiring.	Rft.	1500/-	900	1350000/- ✓
30	Supply, installation, connecting, testing and commissioning of following Fire Alarm accessories, suitable for intelligent system. Honeywell or approved equivalent,				
	a) F.A. smoke or optical detector	No	2000/-	28	56000/- ✓
	b) F.A. bell 4" dia	No	5000/-	5	25000/- ✓
	c) F.A. break glass switch	No	7500/-	5	37500/- ✓
VII- Public Adress system:					
31	Supply and installation of 3/4" dia PVC conduit, including all conduit accessories that to be installed recessed in wall and partially under floor as shown on drawing, complete with all respects.	Rft.	45/-	500	22500/- ✓
32	Supply, connecting, testing & commissioning of 1.5 sq.mm twisted PVC shielded cable suitable for sbund system in already installed conduit, complete as per specification and drawing.	Rft.	1500/-	700	1050000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
33	Supply, installation, connecting, testing & commissioning of Micro-phone outlet Clipsal make or approved equivalent. Complete in all respects.	No	5000/-	1	5000/- ✓
34	Supply, connecting, testing & commissioning of surface mounting 8" dia Speaker having cylindrical shapes 5W operating voltage 12V suitable for P.A. system, TOA make or approved equivalent, complete in all respects.	No.	8000/-	8	64000/- ✓
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM				*	6648550/- ✓

* This Amount shall be carried over to sub-summary of Electrical Work (Hospital)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 1.3.3: Hospital Building - Electrical Works - Second Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
33	Supply, installation, connecting, testing & commissioning of Micro-phone outlet Clipsal make or approved equivalent, Complete in all respects.	No	5000/-	1	5000/- ✓
34	Supply, connecting, testing & commissioning of surface mounting 8" dia Speaker having cylindrical shapes 5W operating voltage 12V suitable for P.A. system, TOA make or approved equivalent, complete in all respects.	No.	8000/-	8	64000/- ✓
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM				*	6648550/- ✓

* This Amount shall be carried over to sub-summary of Electrical Work (Hospital)




RESIDENTIAL ACCOMMODATION



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUMMARY OF RESIDENTIAL ACCOMMODATION

S. No.	Particular	Bill of Quantities		Total Amount
		Amount		
1	Cost of Civil Works	94,655,880.01	*	94,655,880.01
2	Cost of Plumbing Works	2,129,551.12	✓	2,129,551.12
3	Cost of Electrical Works	6,809,454.65	*	6,809,454.65
Total Amount of Residential Accommodation				103,594,885.78
				111,842,210.78

95,569,805.01

Note : * * * This amount shall be carried over to Grand Summary



= 109,496,810.78

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PROJECT DIRECTOR
PUBLIC HEALTH HOSPITALS,
SINDH

CONSTRUCTION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER



SUB-SUMMARY OF CIVIL WORKS (ACCOMMODATION)

Paramedics Flats = 4,440/90/-
= 1,886,220/-

S. No.	Particular	Doctor Flats		Paramedics Flats		Lower Staff Flats		Total Amount
		Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	
2.1.1	Foundation Plinth	8,718,569	1,562,500/-	6,484,368	65,000/-	2,463,980	2,76,000/-	2,76,000/-
2.1.2	Ground Floor	7,547,896	6,302,195.00/-	6,756,041	6,381,315.09/-	2,463,980	6,658,320.00/-	6,658,320.00/-
2.1.3	First Floor	6,987,468	3,536,030.00/-	6,753,318	3,100,275.00/-	2,442,833	3,465,860.00/-	3,465,860.00/-
2.1.4	Second Floor	6,946,800	1,590,250.00/-	7,735,528	1,163,715.00/-	3,022,204	7,11,02,500/-	7,11,02,500/-
	Amount of Schedule Items	32,200,735	---	27,729,255	---	10,221,434	---	---
	.....0.35% Above / Below / All-Per	112,702.57	---	97,052.40	---	35,775.02	---	---
	Amount of Schedule & Non-Schedule Items	32,088,032.43	1,128,675.00/-	27,652,205.60	6,586,305.09/-	10,185,658.98	5,035,205.00/-	5,035,205.00/-
	Total Amount of Schedule + Non-Schedule Items	43,216,507.43/-	---	36,218,508.60/-	---	15,220,863.98/-	---	15,220,863.98/-
	Total Amount of Civil Works	43,069,975.20/-	---	37,041,334.10/-	---	15,220,863.98/-	---	15,220,863.98/-
	Total Amount of Accommodation	45,149,007.10/-	---	37,041,334.10/-	---	15,220,863.98/-	---	15,220,863.98/-

Note : * * This amount shall be carried over to Summary of Accommodation

5,29 = 805/-
= 15,476,464/-
= 97,915,205.01/-

8,720,630/-
= 36,352,834/-

11,652,475/-
= 43,740,507/-



= 95,569,805.01



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	9,000	6,807	5,164	3,906	2,160	1,649
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	33,232	105,553	24,272	77,094	11,050	35,098
3	Termite Proofing 3.1 Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	400	16,040	440	17,644	200	8,020
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc.complete as per directions of Engineer Incharge. (Page No.109 Item No.92)	Per Sft	9.74	7,830	76,264	5,164	50,297	2,200	21,428



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
4	Back Filling Surplus Earth								
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	19,533	29,544	13,750	20,797	5,000	7,563
5	Earth Filling outside Earth								
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	18,817	68,306	12,830	46,573	4,117	14,945
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	18,817	34,135	12,830	23,274	4,117	7,468
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	3,005	80,654	5,324	142,896	913	24,505
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Cft	9,416.28	3,591	338,139	2,472	232,770	1,082	101,864



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

8 REINFORCED CEMENT CONCRETE
 Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)

a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.
 Note:
 Use S.R cement for work upto plinth level.
 Difference in cost for using S.R cement will be paid separately.

8.1 (i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge

	Per Cft	9,747	3,284,739	6,473	2,181,401	2,135	719,495
a) Foundation / Raft							
b) Plinth beam	Per Cft	2,110	711,070	1,346	453,602	562	189,394

8.2 (i) Ratio (1:1-1/2:3)

	Per Cft	797	278,153	735	255,515	263	91,787
Columns upto plinth level							

Note:
 Use S.R cement for work upto plinth level.
 Difference in cost for using S.R cement will be paid separately.



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

9) Steel Reinforcement

Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)

b) TOR Steel

(Page No. 17, Item No. 8-b)

Cwt	5,001.70	574	2,870,976	400	2,000,680	145	725,247
%Cft	11,948.36	65	7,766	860	102,756	517	61,773

10) Pucca Brick Work in Foundation

Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6).

(Page No. 20, Item No. 4-I (e))

Note:

Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.

11) Plain Cement Concrete

Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6.

(Page No.16 Item No.5-h)

Situ

%Cft	12,595.00	862	108,569
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Note:

Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
CIVIL WORK - (CSR-2012)									
12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) (Page No.18 Item No.19-b-ii)	% Sft	3,127.41	2,130	66,614				
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) Note: <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	1,005	39,324	673	26,333	281	10,995
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	19,209	149,463	12,361	96,180	6,640	51,665
15	FLOORING								
15.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	3,300	88,572	5,324	142,896	650	17,446
15.2	CC 1:3:5 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:5 (Page No. 16, Item No. 5-h) Note: <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	2,110	265,755	4,276	538,562	1,360	171,292



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
15.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 35, Item # 38)	p. SH	10.70	8,610	92,127	6,560	70,192	2,921	31,255
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					8,718,569		6,484,369		2,292,907

* This Amount is carried over to sub-summary of Civil Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.1: Residential Accommodation - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level. P. Bag		50/=" (509/-) *	3,130	156,500/- (1565000/-) *	1,530	76,500/- (765000/-) *	552	27,600/- (276000/-) *
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					156,500/- (1565000/-) *		76,500/- (765000/-) *		27,600/- (276000/-) *

* This Amount shall be carried over to sub-summary of Civil Work (Accommodation) 156,500/- 76,500/- 27,600/-



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kambar
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 Reinforced Cement Concrete

Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing tending and finishing the exposed surface (including screening and washing of shingles)

(e). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.

1.1 (f). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge
 (Page No. 16, Item No. 6(a))

a) Beams / Lintels

Per Cft	337.00	2,312	779,144	1,346	453,602	638	215,006
Per Cft	337.00	3,500	1,179,500	2,785	938,545	1,009	340,033
Per Cft	337.00	75	25,275	70	23,590	96	32,352
Per Cft	337.00	10	3,370	10	3,370	10	3,370

b) Slab / Projections

c) Staircase

d) Window Sill

1.2 (I) Ratio (1:1-1/2:3)

(Page No. 16, Item No. 6(a))
 Columns above plinth level

Per Cft	349.00	911	317,939	780	272,220	390	136,110
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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	Qty	AMOUNT

2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)								
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	220	1,100,374	220	1,100,374	100	500,170
3	Pucca Brick Work in Super Structure								
3.1	Pucca brick work in ground floor in Cement Sand Mortar (1:5) (Page No. 21, Item No. 5-(e))	%Cft	12,674.36	6,300	798,485	2,567	325,351	1,821	230,800
a)	9 inch thick wall	%Cft	12,674.36	50	6,337	70	8,872	50	6,337
b)	4-1/2 thick wall								
3.2	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	228.02	504	113,914	504	113,914	60	13,551
4	PLASTERING								
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	7,300	160,419	4,017	88,274	1,372	30,150
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	16,934	510,689	31,027	935,700	3,915	118,067
4.3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76					400	12,063



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	Qty	AMOUNT

5 FLOORING

5.1 Glazed Tile Floor / Dado

Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile.

(Page No.47, Item No.60)

a) Flooring

%Sft 30,509.77 372 113,496

113

34,476

b) Dado

%Sft 30,509.77 1,590 485,105

544

165,973

5.2 Marble Tile Skirting

Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / lucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curning, finishing, cleaning and polishing etc. complete. (For new work)

(Page No. 49, Item No. 68-l)

Per Sft

186.04 155 28,836

70

13,023

5.3 2" thick C.C Floor

Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels.

(Page No.42, Item No.16-c)

a) for open to sky

%Sft

3,275.50 838 27,449



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	Qty	AMOUNT

6 DOORS / WINDOWS

6.1 Aluminium Sliding Windows
 Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc complete Deluxe model (Bronze)
 (Page No. 108, Item No. 85-b)

Per Sft 1,449.69 544 788,631 350 507,392 200 289,938

6.2 Aluminium Sheet

Providing and fixing Aluminium sheet on door pasted with glue as per requirement.
 (Page No. 66, Item No. 61)

Per Sft 63.77 40 2,551 63 4,018 20 1,275

6.3 G.I Door Frame

Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing.
 (Page No. 93, Item No. 29)

Per Rft 228.90 660 151,074 566 134,135 214 48,965

6.4 Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.)
 (Page No. 64, Item No. 46)

Per Sft 163.90 544 89,162 350 57,365 200 32,780



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	Qty	AMOUNT
6.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No.66 Item No.60)	Per Rft	49.97	1,320	65,960	1,172	58,565	430	21,457
6.6	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No.20)	Each	408.14	32	13,060	20	8,163	20	8,163
6.7	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No.30)	Per Sft	194.16	544	105,623	350	67,956	200	38,832
7	PAINTING WORKS								
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54, Item No 24-c)	%Sft	1,079.65	7,300	78,814	4,017	43,370	1,372	14,813



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
CIVIL WORK - (CSR-2012)									
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint l/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No.36-A + B + B).	%Sft	3,444.38	16,934	583,271	31,027	1,068,656	3,915	134,847
7.3	Weather Coat Preparing the surface and painting with weather coat l/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.55 item No.38-A + B + B)	%Sft	2,567.95					400	10,272
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, item No.31-A + B + B)	%Sft	1,449.14	1,340	19,418	1,800	26,055	725	10,506
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					7,547,898		6,756,041		2,463,390

* This Amount is carried over to sub-summary of Civil Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 Providing and laying first class Gutka Brick (9"x2-1/4"x2-1/4") in cladding set and jointed in 1:4 cement sand mortar and laid over a base of 3/4" thick cement sand plaster 1:3 including pointing of gutka bricks with pigmented cement in 1:4 cement sand mortar also including fastening arrangements galvanised tie bars, curing etc; complete in all respect as per drawings and instructions of the Engineer Incharge (cost of base plaster, fasteners and pointing included), on External Elevations at any level and any height. P. Sit

2 Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor.

P. Sit 75/- 700 52500/- 771 57825/- 3,040 228000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

5. Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1.4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front panel with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

650/- 170 110500/- 103 66950/- 45 29250/- ✓

6. Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core; including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved lower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.

500/- 700 350000/- X 603 301500/- 232 116000/- ✓

P. Sit




Agency of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

7 Supplying and fixing in position Aluminium channel framing for openable (hunged) windows of Alcop made with 5 mm thick tinted glass (Belgium) and Aluminium fly screen including handles, stoppers and Locking arrangement, etc. complete as per drawing, specification and as directed by Engineer Incharge. Delux model (Bronze), in any floor.

P. Rft 800/- 1,170 936000/- 1,170 936000/- 1,170 936000/- ✓

8 Providing and fixing approved quality Bath Latch.

Each 1000/- 8 8000/- 8 8000/- 4 4000/- ✓

9 Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.

Each 3500/- 8 28000/- 4 14000/- 2 7000/- ✓

10 Providing and fixing 14" wide bump rail comprising 12"x12" printed ceramics tile(Hala Pattern) of approval quality and make with polished shesham wood beading 1-1/2"x3/4" section at top and bottom fixed on wall with rawalplug (expansion sield) and counter sunk screws etc complete in all respect as per drawing and direction of Engineer in any floor.

P. Rft 950/- 3,942 3744900/- 2,400 2280000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.2: Residential Accommodation - Civil Works - Ground Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
11	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor. a) Floor mounted b) Wall mounted	P. Rft	475/-	25	11875/-	25	11875/-	30	14250/-
		P. Rft	500/-	170	85000/-	200	100000/-	375	187500/-
12	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer incharge.	P. Sft	150/-	1,200	180000/-	465	69750/-	760	114000/-
13	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	475/-						

Only Rate required

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	6002195/-	4382315/-	1658320/-
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* This Amount shall be carried over to sub-summary of Civil Work (Accommodation) = 6,369,695/- = 4,440,140/- = 1,886,320/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

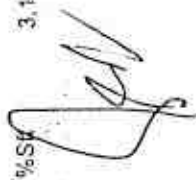
S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binching which will be paid separately. This rate also includes all kind of forms moulds; lifting the shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)								
1.1	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. (i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/2" gauge [Page No. 16, Item No. 6(a)] a) Beams / Lintels	Per Cft	337.00	2,312	779,144	1,346	453,602	638	215,006
	b) Slab / Projections	Per Cft	337.00	3,500	1,179,500	2,783	937,871	1,009	340,033
	c) Staircase	Per Cft	337.00	80	26,960	80	26,960	96	32,352
	d) Window Sill	Per Cft	337.00	10	3,370	10	3,370	10	3,370
1.2	(ii) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns above plinth level	Per Cft	349.00	911	317,939	780	272,220	390	136,110



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)								
	(b) TOR Steel (Page No. 17, Item No. 6-b)	Cwt	5,001.70	220	1,100,374	220	1,100,374	100	500,170
3	Pucca Brick Work in Super Structure								
3.1	Pucca brick work in first floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-(e)] + [Page No. 22, Item No. 6(a)]	%Cft	13,112.99	6,300	826,118	2,567	336,610	1,821	238,788
	a) 9 inch thick wall								
	b) 4-1/2 thick wall	%Cft	13,112.99	50	6,556	50	6,556	50	6,556
3.2	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	504	113,914	504	113,914	60	13,561
4	PLASTERING								
4.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a) + (Page No. 54, Item No. 29)	%Sft	2,338.49	7,300	170,710	4,017	93,937	1,372	32,084
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b) + (Page No. 54, Item No. 29)	%Sft	3,156.73	16,934	534,561	31,027	979,439	3,915	123,586




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4.3 Cement Sand Plaster 1:4 upto 12' height
 (c) 3/4" thick (external face)
 (Page No. 52, Item No. 11-c) +
 (Page No. 54, Item No. 29) %Sft 3,156.73 400 12,627

5 FLOORING

5.1 Glazed Tile Floor / Dado

Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile.

(Page No. 47, Item No. 60) +
 (Page No. 42, Item No. 18)

a) Flooring %Sft 30,736.65 372 114,340 315 96,820 113 34,732
 b) Dado %Sft 30,736.65 1,590 488,713 1,323 406,646 544 167,207

5.2 Marble Tile Skirting

Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing, removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curring, finishing, cleaning and polishing etc. complete.

(Page No. 49, Item No. 68-f) +
 (Page No. 42, Item No. 18)

Per Sft 412.92 125 51,615 45 18,561 45 18,561



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

6 DOORS / WINDOWS

6.1 Aluminium Sliding Windows

Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc.complete Deluxe model (Bronze)

(Page No. 108, Item No. 85-b)

Per Sft	1,449.69	544	788,631	350	507,392	200	289,938
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6.2 Aluminium Sheet

Providing and fixing Aluminium sheet on door pasted with glue as per requirement.

(Page No. 66, Item No. 61)

Per Sft	63.77	40	2,551	63	4,018	20	1,275
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6.3 G.I Door Frame

Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing.

(Page No. 93, Item No. 29)

Per Rft	228.90	660	151,074	586	134,135	214	48,985
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6.4 Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class filets (in fan light etc.)

(Page No. 64, Item No. 46)

Per Sft	163.90	544	89,162	350	57,365	200	32,780
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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 item No.38-A + B + C)	%Sft	2,567.95	-	-	-	-	400	10,272
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, item No.31-A + B + B)	%Sft	1,449.14	1,340	19,418	1,706	24,722	725	10,506
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					6,987,468		6,753,318		2,442,933

* This Amount is carried over to sub-summary of Civil Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1	Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer incharge (on external elevation) at any height any floor.	P.Sft	75/-	700	52500/-	771	539700 57825/-	3,040	22800/-
2	Providing and laying polished porcelain tiles (full body) 15"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor. a) size 15" x 16" on floor b) size 20" x 20" on floor c) 4" high skirting	P.Sft	120/-	5,645	677400/-	4,100	492000/-	1,442	173040/-
		P.Sft	135/-	771	92520/-	452	54240/-	244	29280/-
3	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P.Sft	315/-	250	78750/-	160	50400/-	136	42840/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4 Providing and making counters for following use comprising of 2" thick RCC slab, 2" wide with 7" down part; on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front part with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer incharge at any floor.

a) For Vanity wash basin / pantry P. Stt 170 650/- 110500/- 103 66950/- 45 29250/-

b) For Reception / Nurse Station P. Stt

5 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide allround 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer incharge in any floor.

P. Stt 2,740 500/- 1370000/- 2,740 1370000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
6	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 5 inches wide lock rail and 2nd class deodar wood solid core, also including the cost of providing and fixing approved lead lining arrangements (as per standard requirement for X-Ray room); including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and lower bolts, etc. complete in all respect in any floor. P. St	P. St	1500/-	700	1050000/-	603	904500/-	232	348000/-
7	Providing and fixing approved quality Bath Latch.	Each	1000/-	8	8000/-	8	8000/-	8	8000/-
8	Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge	Each	3500/-	4	14000/-	4	14000/-	2	7000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.3: Residential Accommodation - Civil Works - First Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor. a) Floor mounted	P. Rft	499/-	64	31267/-	64	31364/-	80	39200/-
		P. Rft	510/-	100	51000/-	100	51000/-	375	191250/-
10	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	480/-						
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	3536030/-		8100275/-		2465860/-

* This Amount shall be carried over to sub-summary of Civil Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 REINFORCED CEMENT CONCRETE
 Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)

(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.

1.1 (i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 1/4" gauge [Page No. 16, Item No. 6(a)] + [Page No. 17, Item No. 6(d)]
 a) Beams / Lintels

b) Slab / Projections

d) Staircase

e) Window Sill

1.2 (ii) Ratio (1:1-1/2:3)

[Page No. 16, Item No. 6(a)] + [Page No. 17, Item No. 6(d)]
 a) Columns

b) Walls (OHT)

c) Base Slab (OHT)

Per Cft	349.10	2,350	820,385	1,346	469,889	665	232,152
Per Cft	349.10	3,548	1,238,607	2,763	971,545	1,074	374,933
Per Cft	349.10	80	27,928	80	27,928	80	27,928
Per Cft	349.10	10	3,491	10	3,491	10	3,491
Per Cft	361.10	1,000	361,100	1,100	397,210	460	173,328
Per Cft	361.10	170	61,387	285	102,914	130	46,943
Per Cft	361.10	200	72,220	350	126,385	130	46,943



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital. To the level of DHQ Hospital at Kamber
Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

CIVIL WORK - (CSR-2012)						Doctor Flats		Paramedics Flats		Lower Staff Flats	
S.#	DESCRIPTION	Unit	RATE	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)										
	(b) TOR Steel (Page No. 17, Item No. 8-b) + (Page No. 19, Item No.29)	Cwt	5,152.95	280	1,442,826	225	1,159,414	125	644,119		
3	Pucca Brick Work In Super Structure 3.1 Pucca brick work in Second floor in Cement Sand Mortar (1:6). [Page No. 21, Item No. 5-i(e)] + [Page No.22, Item No.6(b)] a) 9 inch thick wall b) 4-1/2 thick wall	%Cft	13,687.74	7,076	968,544	2,567	351,364	2,580	350,406	50	6,844
3.2	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	504	113,914	504	113,914	60	13,561		
4	PLASTERING 4.1 Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-c) + (Page No. 54, Item No. 29+29) 4.2 Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (Internal walls) (Page No. 52, Item No. 11-b) + (Page No. 54, Item No. 29+29)	%Sft	2,479.46	7,300	181,001	4,017	99,600	1,475	36,572		
		%Sft	3,297.70	19,650	647,998	31,027	1,023,177	4,256	140,360		



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4.3 Cement Sand Plaster 1:4 upto 12' height
 (c) 3/4" thick (external face)
 (Page No. 52, Item No. 11-c) +
 (Page No. 54, Item No. 29+25)

%Sft 340 3,257.70 11,212 530 1,478

5 FLOORING

5.1 Glazed Tile Floor / Dado

Providing and laying tiles glazed 6" x 6" x 1/4" on floor and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile.

(Page No 47, Item No.60) +
 Page No. 42, Item No.18+18)

a) Flooring

%Sft 372 30,963.53 115,184 315 97,535 113 34,589

b) Dado

%SR 1,590 30,963.53 492,320 1,323 409,648 544 168,442

5.2 Marble Tile Skirting

Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing, removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curring, finishing, cleaning and polishing etc. complete.

(Page No. 49, Item No. 68-i) +
 (Page No. 42, Item No. 18+18)

Per Sft 125 639.50 79,975 45 28,791 45 28,791



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

5.3 2" thick C.C Floor

Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels

(Page No.42, Item No.16-c)

%Sft 3,275.50 170 5,568 260 8,516

6 DOORS / WINDOWS

6.1 Aluminium Sliding Windows

Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc.complete Deluxe model (Bronze)

(Page No. 106, Item No. 85-b)

a) Windows

Per Sft 1,449.69 544 788,631 350 507,392 200 289,938

6.2 Aluminium Sheet

Providing and fixing Aluminium sheet on door pasted with glue as per requirement.

(Page No. 66, Item No. 61)

Per Sft 63.77 40 2,551 63 4,018 20 1,275

6.3 G.I Door Frame

Providing & fixing G.I frames/choukhal of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing.

(Page No. 93, Item No. 29)

Per Rft 228.60 660 151,074 586 134,135 214 48,985



Name of Bidding: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

6.4 Glazing with glass panes (24 oz to 26 oz) using putty and doodar wooden 1st class fillets (in lan light etc.)
 (Page No. 64, Item No. 46) Per Sft 163.90 544 89,162 350 57,365 200 32,780

6.5 Wooden Beading to Door
 Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge.
 (Page No. 66 Item No. 60) Per Rft 49.97 1,320 65,960 1,172 58,565 430 21,487

6.6 Door Lock
 Providing and fixing approved quality rim lock adjustable, over the style surface.
 (Page No. 60 Item No. 20) Each 408.14 32 13,060 20 8,163 8 3,265

7 PAINTING WORKS

7.1 Distemper
 Preparing surface and painting with distemper paint three coats.
 (Page No. 54, item No 24-c) %Sft 1,079.65 7,300 78,814 4,017 43,370 1,475 15,925

7.2 Matt Finish Paint

Preparing the surface and painting with Matt finish paint 1/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture. applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc complete on New surface (including 2nd & subsequent coat).
 (Page No. 55, item No 36-A + B + B) %Sft 3,444.38 19,337 666,040 31,027 1,068,688 4,256 146,593



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	Unit	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.85	-	-	-	-	400	10,272
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	1,900	27,534	1,706	24,722	725	10,506
8	Miscellaneous								
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	8	4,200	8	4,200	4	2,100
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Broosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	7,707	409,269	7,707	409,269	2,058	109,287
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	8,946,800		7,735,528		3,022,204

* This Amount is carried over to sub-summary of Civil Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

- Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making grooves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer incharge (on external elevation) at any height any floor.

P.Sft 2,650 75/- 198750/- 771 57825/- 3,470 260250/-
- Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.

a) size 16" x 16" on floor
 P.Sft 5,645 125/- 705625/- 4,100 512500/- 1,475 184375/-

b) size 20" x 20" on floor
 P.Sft 771 135/- 105085/- 452 56500/- 260 32500/-

c) 4" high skirting
 P.Sft 125/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

3 Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.

a) For Vanity wash basin / pantry

P. Sft 650/- 200 130000/- 103 669507/- 103 669507/- ✓

4 Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect in any floor.

P. Sft 500/- 700 350000/- 603 301500/- 232 116000/- ✓

116000/- ✓ = 4,400/-

5 Providing and fixing approved quality Bath Latch.

Each

1100/-

8 8800/- ✓

4

8800/- ✓

6 Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.

Each

3500/-

4 14000/- ✓

2

7000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.1.4: Residential Accommodation - Civil Works - Second Floor

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
7	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor.	P. Rft	510/-	170	86700/-	64	32640/-	80	40800/-
	a) Floor mounted	P. Rft	530/-	-	-	100	53000/-	375	198750/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					1590250/-		1103715/-		911025/-

* This Amount shall be carried over to sub-summary of Civil Work (Accommodation)



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDEH,
KAMBER

SUB-SUMMARY OF PLUMBING WORKS (ACCOMMODATION)

S. No.	Particular	Doctor Flats		Paramedics Flats		Lower Staff Flats		Total Amount
		Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	
2.2.1	Ground Floor	499,595	423,310.00 ✓	499,595	463,945.00 ✓	232,006	209,940.00 ✓	---
2.2.2	First Floor	539,150	426,850.00 ✓	539,150	469,550.00 ✓	238,324	213,250.00 ✓	---
2.2.3	Second Floor	539,150	428,050.00 ✓	539,150	470,700.00 ✓	249,524	225,825.00 ✓	---
	Amount of Schedule Items	1,577,895	---	1,577,895	---	719,854	---	---
	..... 2% Above / Below / At-Par	31,557.90 ✓	---	31,557.90 ✓	---	14,397.08 ✓	---	---
	Amount of Schedule & Non Schedule Items	1,546,337.10 ✓	1,278,210.00 ✓	1,546,337.10 ✓	1,404,195.00 ✓	705,456.92 ✓	649,015.00 ✓	---
	Total Amount of Schedule + Non Schedule Items	2,824,547.10 ✓	---	2,958,532.10 ✓	---	1,354,471.92 ✓	---	---
	Total Amount of Plumbing Works							
								•• 7,129,551.12 ✓



Note : * * This amount shall be carried over to Summary of Accommodation



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4 (1) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A) trap and plastic thumble.</p>	Each	6,166.60	4	24,666	4	24,666	2	12,333
2	<p>EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & i/c cost of white/black plastic seat (Best quality) & lid with cp brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & follr for pipe connection & making good in cement concrete 1:2:4. (Page # 2 item # 4)</p>	Each	5,339.40	4	21,358	4	21,358	2	10,679
3	<p>WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & i/c the cost W/I or C/I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern) (Page No.3 Item No.8,9)</p>	Each	4,253.70	8	34,030	8	34,030	4	17,015



Name of Client: Health Department, Government of Andhra Pradesh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4	PEDESTAL Providing & Fixing earthen ware Pedestal white or colored glazed (Foreign or Equivalent) (Page # 3 item # 11)	Each	2,533.47	8	20,268	8	20,268	4	10,134
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 6, Item # 23)	Each	447.15	33	14,756	33	14,756	16	7,154
6	STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p rubber plug chrome plated brass chain, 1-1/2" c.p brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. Steel Sink stainless sized 40" x 20" standard Pattern. (Page # 6, Item # 19)	Each	5,052.30	4	20,209	4	20,209	2	10,105
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.50	20	33,432	20	33,432	6	10,029



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

8	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1" thick cement plaster (1:3) to the karb, C.I graling 6" x 6" & C.I cover and frame 12" x 12" (inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item # 1)	Each	1,220.67	8	9,765	8	9,765	4	4,683
9	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	24	20,254	24	20,254	12	10,127
10	UPVC PIPE Providing, Laying upVC pipes of class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.	Rft	12.00	450	5,400	450	5,400	70	840
	a) 1/2 inch dia (Page # 24, Item # 6a)	Rft	19.00	225	4,275	225	4,275	80	1,520
	b) 3/4 inch dia (Page # 24, Item # 6b)	Rft	27.00	100	2,700	100	2,700	80	2,160
	c) 1 inch dia (Page # 24, Item # 6c)	Rft	33.00	100	3,300	100	3,300	50	1,650
	d) 1-1/4 inch dia (Page # 24, Item # 6d)	Rft	43.00	50	2,150	50	2,150	-	-
	e) 1-1/2 inch dia (Page # 24, Item # 6e)	Rft	-	-	-	-	-	-	-
11	MUSLIM SHOWER Supplying and fixing C.P Muslim Showerer with double Bib cock & ring Pipe etc. complete. (Page # 19, Item # 19-A)	Each	3,432.00	8	27,456	8	27,456	4	13,728




Name of Client: Health Department, Government of Punjab
 Name of Project: Upgradation of THQ Hospital, to the Level of DHQ Hospital at Kamber
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
12	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212	Each	290.84	2	582	2	582	-	-
a)	3/4 inch dia (Page # 18, Item # 6 ii)	Each	318.34	4	1,273	4	1,273	4	1,273
b)	1 inch dia (Page # 18, Item # 6 iii)	Each	510.84	8	4,087	8	4,087	4	2,043
c)	1-1/4 inch dia (Page # 18, Item # 6 iv)	Each	573.70	8	4,590	8	4,590	-	-
d)	1-1/2 inch dia (Page # 18, Item # 6 v)	Each							
13	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern. (Page 16, Item # 2-ib)	Each	337.52	8	2,700	8	2,700	4	1,350
14	CANCEALED STOP COCK Supplying / Fixing canceled stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for Tiles Bath Rooms. (Page # 18, Item # 11-B)	Each	509.74	24	12,234	24	12,234	12	6,117
15	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No. 19 Item No. 14-b)	Each	3,179.00	8	25,432	8	25,432	4	12,716
16	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete (Page No. 19 Item No. 17)	Each	2,745.60	4	10,982	4	10,982	2	5,491



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - (CSR-2012)				Doctor Flats		Paramedics Flats		Lower Staff Flats	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
17	SHOWER Providing & Fixing jet shower with rod of superint quality with c.p head 1/2" dia. (Page # 19 item # 15)	Each	1,142.24	8	9,138	8	9,138	4	4,569
18	BATH ROOM ACCESSORIES SET 18.1 Supplying & Fixing Bath room accessories set(7 piece) towel rack, brush holder soaptray shelf of approved design i/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	8	82,579	8	82,579	4	41,290
	18.2 3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	226.00	200	45,200	200	45,200	80	18,080
	18.3 4" dia UPVC PIPE Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	334.00	170	56,780	170	56,780	80	26,720
TOTAL COST OF PLUMBING WORKS SCHEDULE ITEM					499,595		499,595		232,006

* This Amount is carried over to sub-summary of Plumbing Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting french upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	½ inch (12 mm) Dia Pipe.	Rft	95/-	200	19000/-	450	42750/-	70	6650/-
b	¾ inch (20 mm) Dia Pipe.	Rft	115/-	50	5750/-	225	25875/-	40	4600/-
c	1 inch (25 mm) Dia Pipe.	Rft	130/-	50	6500/-	100	13000/-	80	10400/-
d	1¼ inch (32 mm) Dia Pipe.	Rft	140/-	100	14000/-	100	14000/-	50	7000/-
e	1½ inch (50 mm) dia pipe.	Rft	175/-	100	17500/-	50	8750/-	-	-

2 DOUBLE GAS BURNER

Providing and fixing double gas burner superior quality made of stainless steel with rail cock i/c making gas connection as approved by the Engineer in charge as required.

Each	55000/-	4	220000/-	4	220000/-	2	110000/-
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3 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostat and safety valve, 68 liter capacity

Each	25000/-	4	100000/-	4	100000/-	2	50000/-
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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4 GAS WORK

M.S. PIPE 1/2" Ø

Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

Rft 80 10/- 80 5600/- 80 5600/- 80 5600/- ✓

5 M.S. PIPE 3/4" Ø

Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

Rft 40 80/- 40 3200/- 40 3200/- 10 800/- ✓

6 M.S. PIPE 1" Ø

Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

Rft 40 99/- 40 3960/- 30 2970/- 10 990/- ✓

7 GAS COCK 1/2" Ø

Providing and fixing brass gas cock 13 mm (1/2") dia as required

Each 8 500/- 8 4000/- 8 4000/- 4 2000/- ✓

8 GAS COCK 3/4" Ø

Providing and fixing brass gas cock 20 mm (3/4") dia as required

Each 4 1950/- 4 7800/- 4 7800/- 2 3900/- ✓

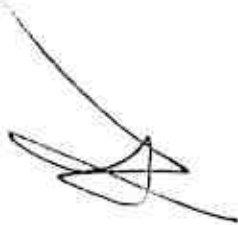


Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.1: Residential Accommodation - Plumbing Works - Ground Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	4000/-	4	16000/-	4	16000/-	2	8000/-
TOTAL COST OF PLUMBING WORKS NON-SCHEDULE ITEM					423310/-		463945/-		209940/-

* This Amount shall be carried over to sub-summary of Plumbing Work (Accommodation)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)				Doctor Flats		Paramedics Flats		Lower Staff Flats	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 **ORISSA W.C**
 Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 15/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble.
 (Page # 2, Item # 3-A-ii) trap and plastic thumble. Each 4 6,166.60 4 24,666 2 12,333

2 **EUROPEAN W.C**
 Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & 1/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & floor for pipe connection & making good in cement concrete 1:2:4.(Page # 2 Item # 4) Each 4 5,339.40 4 21,358 2 10,679

3 **WASH BASIN**
 Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & 1/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern).(Page No.3 Item No 8,9) Each 8 4,253.70 8 34,030 4 17,015



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

4	PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or Equivalent.) (Page: # 3 item # 11)	Each	2,533.47	8	20,268	8	20,268	4	10,134
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 6, Item # 23)	Each	447.15	33	14,756	33	14,756	16	7,154
6	STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p rubber plug chrome plated brass chain, 1-1/2" c.p brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. Steel Sink stainless sized 40" X 20" standard Pattern. (Page # 6, Item # 19)	Each	5,052.30	4	20,209	4	20,209	2	10,105
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	20	33,432	20	33,432	6	10,029



Name of Client: Health Department, Government of Shindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	24	20,254	24	20,254	12	10,127
9	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench 1/c cutting,fitting and jointing with solvent cement 1/c testing with water to ahead of 122 meter or 400 ft.								
	a) 1/2 inch dia (Page # 24, Item # 6a)	Rft	12.00	450	5,400	450	5,400	70	840
	b) 3/4 inch dia (Page # 24, Item # 6b)	Rft	19.00	225	4,275	225	4,275	80	1,520
	c) 1 inch dia (Page # 24, Item # 6c)	Rft	27.00	100	2,700	100	2,700	80	2,160
	d) 1-1/4 inch dia (Page # 24, Item # 6d)	Rft	33.00	100	3,300	100	3,300	50	1,650
	e) 1-1/2 inch dia (Page # 24, Item # 6e)	Rft	43.00	50	2,150	50	2,150	-	-
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Showerer with double Bib cock & ring Pipe etc. complete.(Page # 19, Item # 19-A)	Each	3,432.00	8	27,456	8	27,456	4	13,728



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212								
a)	3/4 inch dia (Page # 18,Item # 6 ii)	Each	290.84	2	582	2	582	-	-
b)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	4	1,273	4	1,273	4	1,273
c)	1-1/4 inch dia (Page # 18,Item # 6 iv)	Each	510.84	8	4,087	8	4,087	4	2,043
d)	1-1/2 inch dia (Page # 18,Item # 6 v)	Each	573.70	8	4,590	8	4,590	-	-
12	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-ib)	Each	337.52	8	2,700	8	2,700	4	1,350
13	CANCEALED STOP COCK Supplying / Fixing canceled stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for tiles Bath Rooms.(Page # 18, Item # 11-B)	Each	509.74	24	12,234	24	12,234	12	6,117
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	8	25,432	8	25,432	4	12,716
15	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete.(Page No.19 Item No.17)	Each	2,745.60	4	10,982	4	10,982	2	5,491



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
16	SHOWER Providing & Fixing jet shower with rod of superior quality with c.p head 1/2" dia. (Page # 19 item # 15)	Each	1,142.24	8	9,138	8	9,138	4	4,569
17	BATH ROOM ACCESSORIES SET								
17.1	Supplying & Fixing Bath room accessories set (7 piece) towel rod, brush holder soaptray shelf of approved design i/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	8	82,579	8	82,579	4	41,290
17.2	3" dia UPVC PIPE Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	226.00	300	67,800	300	67,800	100	22,600
17.3	4" dia UPVC PIPE Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	334.00	250	83,500	250	83,500	100	33,400
TOTAL COST OF PLUMBING WORKS					539,150		539,150		238,324
SCHEDULE ITEM									

* This Amount is carried over to sub-summary of Plumbing Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

PLUMBING WORK - NON-SCHEDULED ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	½ inch (12 mm) Dia Pipe.	Rft	100/-	200	20000/-	450	45000/-	70	7000/-
b	¾ inch (20 mm) Dia Pipe.	Rft	120/-	50	6000/-	225	27000/-	80	9600/-
c	1 inch (25 mm) Dia Pipe.	Rft	135/-	50	6750/-	100	13500/-	80	10800/-
d	1¼ inch (32 mm) Dia Pipe.	Rft	145/-	100	14500/-	100	14500/-	50	7250/-
e	1-½ inch (50 mm) dia pipe.	Rft	180/-	100	18000/-	50	9000/-	-	-

2 DOUBLE GAS BURNER

Providing and fixing double gas burner superior quality made of stainless steel with rail cock i/c making gas connection as approved by the Engineer in charge as required.

Each	4	22000/-	4	220000/-	2	110000/-
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3 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

Each	4	10000/-	4	100000/-	2	50000/-
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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
4	GAS WORK M.S. PIPE 3/4" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning,applying primer coating with BBES compound and warping with fibre glass,welding complete.	Rft	75/-	80	6000/- ✓	80	6000/- ✓	15	1125/- ✓
5	M.S. PIPE 3/4" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning,applying primer coating with BBES compound and warping with fibre glass,welding complete.	Rft	85/-	40	3400/- ✓	40	3400/- ✓	10	850/- ✓
6	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning,applying primer coating with BBES compound and warping with fibre glass,welding complete.	Rft	105/-	40	4200/- ✓	30	3150/- ✓	25	2625/- ✓
7	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	525/-	8	4200/- ✓	8	4200/- ✓	4	2100/- ✓
8	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1950/-	4	7800/- ✓	4	7800/- ✓	2	3900/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.2: Residential Accommodation - Plumbing Works - First Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	4000/-	4	16000/-	4	16000/-	2	8000/-
TOTAL COST OF PLUMBING WORKS NON-SCHEDULE ITEM					426850/-		469550/-		213250/-

This Amount shall be carried over to sub-summary of Plumbing Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.3: Residential Accommodation - Plumbing Works - Second Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plinth & floor and making good in cement concrete 1:2.4.(I) With 4" dia earthen ware trap and plastic thumble. (Page # 2, item # 3-A-ii)trap and plastic thumble.	Each	6,166.60	4	24,666	4	24,666	2	12,333
2	EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & l/c cost of white/black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & follr for pipe connection & making good in cement concrete 1:2.4.(Page # 2 item # 4)	Each	5,339.40	4	21,358	4	21,358	2	10,679
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & l/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2.4 (Standard pattern). (Page No.3 Item No.8.9)	Each	4,253.70	8	34,030	8	34,030	4	17,015



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.3. Residential Accommodation - Plumbing Works - Second Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or coloured glazed (Foreign or Equivalent.)(Page # 3 Item # 11)	Each	2,533.47	8	20,268	8	20,268	4	10,134
5	PVC CONNECTION Providing and fixing in position nylon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nylon connection. (Page # 6, Item # 23)	Each	447.15	33	14,756	33	14,756	15	7,154
6	STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p rubber plug chrome plated brass chain, 1-1/2" c.p brass waste, with 1- 1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. Steel Sink stainless sized 40" x 20" standard Pattern. (Page # 6, Item # 19)	Each	5,052.30	4	20,209	4	20,209	2	10,105
7	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	20	33,432	20	33,432	6	10,029



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.3: Residential Accommodation - Plumbing Works - Second Floor

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	24	20,254	24	20,254	12	10,127
9	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench lic cutting,fitting and jointing with solvent cement lic testing with water to ahead of 22 meter or 400 ft.								
	a) 1/2 inch dia (Page # 24, Item # 6a)	Rft	12.00	450	5,400	450	5,400	70	840
	b) 3/4 inch dia (Page # 24, Item # 6b)	Rft	19.00	225	4,275	225	4,275	80	1,520
	c) 1 inch dia (Page # 24, Item # 6c)	Rft	27.00	100	2,700	100	2,700	80	2,160
	d) 1-1/4 inch dia (Page # 24, Item # 6d)	Rft	33.00	100	3,300	100	3,300	50	1,650
	e) 1-1/2 inch dia (Page # 24, Item # 6e)	Rft	43.00	50	2,150	50	2,150	-	-
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Showerer with double Bib cock & ring Pipe etc. complete.(Page # 19, Item # 1B-A)	Each	3,432.00	8	27,456	8	27,456	4	13,728



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.3: Residential Accommodation - Plumbing Works - Second Floor

PLUMBING WORK - (CSR-2012)									
S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212	Each	290.84	2	582	2	582	-	-
a)	3/4 inch dia (Page # 18, item # 6 ii)	Each	318.34	4	1,273	4	1,273	4	1,273
b)	1 inch dia (Page # 18, item # 6 iii)	Each	510.84	8	4,087	8	4,087	4	2,043
c)	1-1/4 inch dia (Page # 18, item # 6 iv)	Each	573.70	8	4,590	8	4,590	-	-
d)	1-1/2 inch dia (Page # 18, item # 6 v)	Each							
12	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-lb)	Each	337.52	8	2,700	8	2,700	4	1,350
13	CANCEALED STOP COCK Supplying / Fixing canceled stop cock of superior quality with c.p head 1/2" dia. C.P fittings of Superior quality for tiles Bath Rooms.(Page # 16, item # 11-B)	Each	509.74	24	12,234	24	12,234	12	6,117
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	8	25,432	8	25,432	4	12,716
15	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete.(Page No.19 Item No.17)	Each	2,745.60	4	10,982	4	10,982	2	5,491



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.3: Residential Accommodation - Plumbing Works - Second Floor

ACCOMMODATION
 BOQ-P/SF-5

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
16	SHOWER Providing & Fixing jet shower with rod of superior quality with c.p head 1/2" dia. (Page # 19 item # 15)	Each	1,142.24	8	9,138	8	9,138	4	4,569
17	BATH ROOM ACCESSORIES SET								
17.1	Supplying & Fixing Bath room accessories set(7 piece) towel rack, brush holder soaptray shelf of approved design i/c. cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	8	82,579	8	82,579	4	41,280
17.2	UPVC PIPE 3" DIA Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	226.00	300	67,800	300	67,800	120	27,120
17.3	UPVC PIPE 4" DIA Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h)	Rft	334.00	250	83,500	250	83,500	120	40,080

TOTAL COST OF PLUMBING WORKS									
SCHEDULE ITEM									
				539,150		539,150		249,524	

* This Amount is carried over to sub-summary of Plumbing Work (Accommodation)



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.3: Residential Accommodation - Plumbing Works - Second Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in methyl composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	½ inch (12 mm) Dia Pipe.	Rft	100/-	200	20000/- ✓	450	45000/- ✓	70	7000/- ✓
b	¾ inch (20 mm) Dia Pipe.	Rft	120/-	50	6000/- ✓	225	27000/- ✓	80	9600/- ✓
c	1 inch (25 mm) Dia Pipe.	Rft	135/-	50	6750/- ✓	100	13500/- ✓	90	10800/- ✓
d	1 ¼ inch (32 mm) Dia Pipe.	Rft	145/-	100	14500/- ✓	100	14500/- ✓	85	12325/- ✓
e	1 ½ inch (50 mm) dia pipe.	Rft	180/-	100	18000/- ✓	50	9000/- ✓	-	- ✓

2 DOUBLE GAS BURNER

Providing and fixing double gas burner superior quality made of stainless steel with rail cock i/c making gas connection as approved by the Engineer In charge as required.

Each	55000/-	4	220000/- ✓	4	220000/- ✓	2	110000/- ✓
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3 GYESER

Supplying and Fixing Gas water geyser, complete with burner pilot, thermostat and safety valve, 58 liter capacity

Each	25000/-	4	100000/- ✓	4	100000/- ✓	2	50000/- ✓
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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.3: Residential Accommodation - Plumbing Works - Second Floor

ACCOMMODATION
 BOQ-R/SF-7

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

- 4 GAS WORK
 M.S. PIPE 1/2" Ø
 Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.
 Rft 85/- 80 6800/- ✓ 60 6800/- ✓

- 5 M.S. PIPE 3/4" Ø
 Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.
 Rft 90/- 40 3600/- ✓ 40 3600/- ✓

- 6 M.S. PIPE 1" Ø
 Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.
 Rft 110/- 40 4400/- ✓ 30 3300/- ✓

- 7 GAS COCK 1/2" Ø
 Providing and fixing brass gas cock 13 mm (1/2") dia as required
 Each 525/- 8 4200/- ✓ 8 4200/- ✓

- 8 GAS COCK 3/4" Ø
 Providing and fixing brass gas cock 20 mm (3/4") dia as required
 Each 1950/- 4 7800/- ✓ 4 7800/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.2.3: Residential Accommodation - Plumbing Works - Second Floor

PLUMBING WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	4000/-	4	16000/-	4	16000/-	2	8000/-
TOTAL COST OF PLUMBING WORKS NON-SCHEDULE ITEM					428050/-	470700/-	225825/-		

* This Amount shall be carried over to sub-summary of Plumbing Work (Accommodation)




UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.

KAMBER

SUB-SUMMARY OF ELECTRICAL WORKS (ACCOMMODATION)

S. No.	Particular	Doctor Flats		Paramedics Flats		Lower Staff Flats		Total Amount
		Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	Amount of Schedule Items	Amount of Non-Schedule Items	
2.3.1	Ground Floor	332,262	831,438.00 ✓	233,274	632,200.00 ✓	118,742	655,600.00 ✓	43,600/-
2.3.2	First Floor	332,262	789,450.00 ✓	233,274	505,700.00 ✓	106,452	221,600.00 ✓	---
2.3.3	Second Floor	400,902	697,450.00 ✓	282,214	507,200.00 ✓	143,252	221,600.00 ✓	---
	Amount of Schedule Items	1,065,426	---	748,762	---	368,446	---	---
	..... 2.5% Above / Below / After	26,635.45 ✓	---	18,721.55 ✓	---	9,212.15 ✓	---	---
	Amount of Schedule & Non-Schedule Items	1,038,790.55 ✓	2,238,350.00 ✓	730,140.45 ✓	7,644,100.00 ✓	359,293.85 ✓	998,800.00 ✓	---
	Total Amount of Schedule + Non-Schedule Items	3,297,140.35 ✓	---	2,374,240.45 ✓	---	6,038,073.85 ✓	---	---
	Total Amount of Electrical Works							6,809,454.65

↗ = 786,800/-
= 1,146,074/-

Note : ** This amount shall be carried over to Summary of Accommodation

6,797,454.65



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.1: Residential Accommodation - Electrical Works - Ground Floor

ACCOMMODATION
 BQC-EGF-1

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no.6	Per Mter.	513.00	-	-	120	73,560	60	36,780
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Mter.	858.00	120	102,960	-	-	-	-
3	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	116	92,452	76	60,572	40	31,880
4	Wiring for plug point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	955.00	32	31,520	16	15,760	8	7,880
5	Wiring for call bell point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 128 page no.15	Per Point	1,764.00	4	7,056	4	7,056	2	3,528
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2	302	2	302	2	302
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	-	-	8	1,296	4	648



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.1: Residential Accommodation - Electrical Works - Ground Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	20	1,440	20	1,440	15	1,080
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	4	12,080	-	-	-	-
10	Providing and fixing brass Ceiling fan 50" (good quality) Schedule item 235 page no.34	Per No	3,185.00	16	50,960	16	50,960	8	25,480
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	12	33,492	8	22,328	4	11,164
TOTAL COST OF ELECTRICAL WORKS					332,262		233,274		118,742
SCHEDULE ITEM									

* This Amount is carried over to sub-summary of Electrical Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.1: Residential Accommodation - Electrical Works - Ground Floor

ACCOMMODATION
 80Q-EGF-3

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

I- Wiring & Accessories.

1 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JB's, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.

Point 4500/- 18 ✓ 81000/- ✓ 9 40500/- ✓ 4 18000/- ✓

2 Same as above schedule item No.2 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.

Point 1500/- 4 ✓ 6000/- ✓

3 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JB's, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point 4000/- 4 ✓ 16000/- ✓ 4 16000/- ✓ 2 8000/- ✓

4 Same as above item No.7 but power plug outlet to outlet, complete as per specifications and drawing

Point 2000/- 4 ✓ 8000/- ✓ 4 8000/- ✓ 2 4000/- ✓



Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.1: Residential Accommodation - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

5 Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBS, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECG, complete as per specification & drawing.

Point 18 4500/- 81000/- ✓

6 Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.

No.	18	500/-	✓	9000/-	✓	4	2000/-	✓	2	1000/-	✓
No.	15	600/-	✓	9600/-	✓	16	9600/-	✓	8	4800/-	✓
No.	12	700/-	✓	8400/-	✓	4	2800/-	✓	2	1400/-	✓
No.	4	800/-	✓	3200/-	✓	4	3200/-	✓	-	-	✓
No.	2	1200/-	✓	2400/-	✓	2	2400/-	✓	2	2400/-	✓
No.	4	1500/-	✓	6000/-	✓	4	6000/-	✓	2	3000/-	✓
No.	4	2000/-	✓	8000/-	✓	4	8000/-	✓	2	4000/-	✓

- a) 1 Gang switch
- b) 2 Gang switch
- c) 3 Gang switch
- d) 4 Gang switch
- e) 2 Way 1 Gang switch
- f) Call bell push switch
- g) Call Bell



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kambet
 Sub Head # 2.3.1: Residential Accommodation - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

7 Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet

b) 13 Amps 3-pin (Simplex) outlet

c) 25A Isolator switch

No.	32	16000/-	16	8000/-	8	4000/-
No.	8	6000/-				
No.	12	12000/-				

8 Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

No.	20	20000/-	16	16000/-	8	8000/-
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II-Fixtures:

9 Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with hifi polished reflector, Philips type FCS-120 or approved equivalent.

No.	40	20000/-	30	60000/-	10	20000/-
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10 Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W

No.		1500/-		1500/-		
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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.1: Residential Accommodation - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

11 Supply, installation, connecting, testing & commissioning of following wall mounting and ceiling mounting Fancy decorative with compact fluorescent lamp light fixtures that to be approved by Architect or site in charged, complete in all respects.

a) Fancy wall bracket with double arm with 25W CFL

No. 8 3000/- 24000/- ✓ 12 36000/- ✓ 4 12000/- ✓

b) Pendant Light fixture Fancy type with 1X32W CFL

No. 24 2000/- 48000/- ✓ 16 32000/- ✓ 8 16000/- ✓

c) Fancy Mirror Light fixture wall mounted with 25W CFL

No. 8 1500/- 12000/- ✓ 8 12000/- ✓ ~~(12000/-) X~~

12 III- Distribution Boards & Earthing:

Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per specifications and drawing.

Doctor Flats

a) LPDB-A

Set 1 50000/- ✓

b) DB-Ag1 to Db-Ag4

Set 4 200000/- ✓



[Handwritten Signature]

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.1: Residential Accommodation - Electrical Works - Ground Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

Paramedics Flats

- a) LPDB-B Set 50000/- 1 50000/- ✓
- b) DB-Bg1 to DB-Bg4 Set 50000/- 4 200000/- ✓

Lower Staff Flats

- a) LPDB-C Set 50000/- 1 50000/- ✓
- b) DB-Cg1 to Db-Cg2 Set 50000/- 2 100000/- ✓

13 Providing and fixing 1" dia Copper Rod 12'-0" long having conical end to be buried after providing 3" dia hole in ground level at depth of 12'-0" or less if water comes out from the ground level, including providing back filling of earth powder, fixing copper rod, including earth clamp, earth leads 2x 50sq.mm bar copper wire in 2" dia G.I. pipe from earth pit to connecting point, complete as per drawing with all respects.

IV- Telephone & TV Antenna:

- 14 Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects. Rft. 35/- 150 7000/- ✓ 200 7000/- ✓ 100 3500/- ✓
- 15 Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing. Rft. 30/- 360 10800/- ✓ 470 14100/- ✓ 150 4500/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.1: Residential Accommodation - Electrical Works - Ground Floor

ELECTRICIA WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
16	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	4	4000/-	4	4000/-	2	2000/-
17	Supply, connecting, testing & commissioning of 15 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	10000/-	1	10000/-	1	10000/-	1	10000/-
18	Supply, installation, connecting, testing and commissioning of Duplex TV Antenna outlets FCC standard Clipsal make or approved equivalent.	No.	2000/-	4	8000/-	4	8000/-	2	4000/-
19	Supply, connecting, testing & commissioning of co-axial cable suitable for TV Antenna in already installed conduit, complete as per specification and drawing.	Rft.	30/-	560	16800/-	470	14100/-	100	3000/-
20	Supply, connecting, testing & commissioning of TV Antenna Splitter suitable for I-line & 4 Extension line, complete as per specification and drawing.	No.	10000/-	2	20000/-	1	10000/-	1	10000/-
TOTAL COST OF ELECTRICIA WORKS NON-SCHEDULE ITEM					831450/-	63/200/-		355600/-	

= 343600/-

* This Amount shall be carried over to sub-summary of Electrical Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor.

ELECTRICIA WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/044 (6mm2) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no.6	Per Meter	613.00	-	-	120.00	73,560.00	40.00	24,520.00
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm2) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Meter	858.00	120.00	102,960.00	-	-	-	-
3	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no. 15	Per Point	797.00	118.00	92,452.00	76.00	60,572.00	40.00	31,880.00
4	Wiring for plug point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	32.00	31,520.00	16.00	15,760.00	8.00	7,880.00
5	Wiring for call bell point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 128 page no.15	Per Point	1,764.00	4.00	7,056.00	4.00	7,056.00	2.00	3,528.00
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00	2.00	302.00	2.00	302.00
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	-	-	8.00	1,296.00	4.00	648.00



Name of Project: Upgradation and Revamp of BHO Hospital at Kumbhar
Sub Head # 2.3.2: Residential Accommodation's Electrical Works - First Floor

ELECTRICLA WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	20.00	1,440.00	20.00	1,440.00	15.00	1,080.00
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	4.00	12,080.00	-	-	-	-
10	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	16.00	50,960.00	16.00	50,960.00	8.00	25,480.00
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	12.00	33,492.00	8.00	22,328.00	4.00	11,164.00
TOTAL COST OF ELECTRICAL WORKS					332,262		233,274		106,482
SCHEDULE ITEM									

* This Amount is carried over to sub-summary of Electrical Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

1- Wiring & Accessories.

1 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.

Point 4500/- 18.00 81000/- 9.00 405000/- 4.00 18000/- ✓

2 Same as above schedule item No.2 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.

Point 4500/- 4.00 18000/- ✓

3 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point 4000/- 4.00 16000/- 4.00 16000/- 2.00 8000/- ✓

4 Same as above item No.7 but power plug outlet to outlet, complete as per specifications and drawing.

Point 2000/- 4.00 8000/- 4.00 8000/- 2.00 4000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

5. Wiring of air-conditioning power plug from distribution to 3-pin 20 Amps power plug outlet with 2x6 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc. recessed in wall, ceiling, roof etc including 2.5 sq mm single core (v.c.s.) twisted wire as ECC, complete as per specification & drawing.

Point 4500/- 18.00 81000/-

6. Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Closest make" or approved equivalent complete as per specification and drawing.

No.	500/-	18.00	9000/-	4.00	2000/-	2.00	1000/-	2.00	1000/-
No.	600/-	18.00	9000/-	15.00	72000/-	6.00	48000/-	6.00	48000/-
No.	700/-	12.00	8400/-	1.00	2400/-	4.00	1400/-	1.00	1400/-
No.	800/-	4.00	3200/-	4.00	3200/-	2.00	1600/-	2.00	1600/-
No.	1200/-	4.00	4800/-	4.00	2400/-	2.00	2400/-	2.00	2400/-
No.	1500/-	4.00	6000/-	4.00	6000/-	2.00	3000/-	2.00	3000/-
No.	2000/-	4.00	8000/-	4.00	8000/-	2.00	4000/-	2.00	4000/-

- a) 1 Gang switch
- b) 2 Gang switch
- c) 3 Gang switch
- d) 4 Gang switch
- e) 2 Way 1 Gang switch
- f) Call bell push switch
- g) Call Bell



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

7. Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

a) 10 Amps 3-pin switch & socket outlet

b) 13 Amps 3-pin (Simplex) outlet

c) 25A Isolator switch

No. 500/-
 No. 750/-
 No. 1000/-

32.00 16000/-
 8.00 6000/-
 12.00 12000/-

15.00 8000/-
 - -
 - -

8.00 4000/-
 - -
 - -

8. Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate frame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing

No. 1000/-

20.00 20000/-

16.00 16000/-

8.00 8000/-

II-Fixtures:

9. Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent

No. 2000/-

40.00 80000/-

30.00 60000/-

10.00 20000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

10 Supply, installation, connecting, testing & commissioning of following wall mounting and ceiling mounting Fancy decorative with compact fluorescent lamp light fixtures that to be approved by Architect or site in charge, complete in all respects.

- a) Fancy wall bracket with double arm with 25W CFL
- b) Pendant Light fixture Fancy type with 1X32W CFL
- c) Fancy Mirror Light fixture wall mounted with 25W CFL

No.	3000/-	5.00	24000/-	12.00	36000/-	4.00	12000/-
No.	2000/-	24.00	48000/-	16.00	32000/-	8.00	16000/-
No.	1500/-	8.00	12000/-	8.00	12000/-		

11 III-Distribution Boards & Earthing:

Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per specifications and drawing.

- Doctor Flats
 - a) DB-A11 to DB-A14
- Paramedics Flats
 - a) DB-B11 to DB-B14
- Lower Staff Flats
 - a) DB-C11 to DB-C12

Set	50000/-	4.00	200000/-				
Set	50000/-			4.00	200000/-		
Set	50000/-					2.00	100000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.2: Residential Accommodation - Electrical Works - First Floor.

ELECTRICLA WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
12	IV-Telephone & TV Antenna: Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all prospects.	Rt.	35/-	150.00	5250/-	200.00	7000/-	100.00	3500/-
13	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.	Rt.	39/-	360.00	10800/-	470.00	14100/-	150.00	4530/-
14	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	4.00	4000/-	4.00	4000/-	2.00	2000/-
15	Supply, installation, connecting, testing and commissioning of Duplex TV Antenna outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	4.00	4000/-	4.00	4000/-	2.00	2000/-
16	Supply, connecting, testing & commissioning of co-axial cable suitable for TV Antenna in already installed conduit, complete as per specification and drawing.	Rt.	30/-	560.00	16800/-	470.00	14100/-	100.00	3000/-
TOTAL COST OF ELECTRICLA WORKS NON-SCHEDULE ITEM					709450/-	505700/-	221600/-		

* This Amount shall be carried over to sub-summary of Electrical Work (Accommodation)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.3: Residential Accommodation - Electrical Works - Second Floor

ELECTRICAL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/044 (6mm2) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no.6	Per Meter	613.00	-	-	203.00	122,600.00	100.00	61,300.00
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm2) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Meter	858.00	200.00	171,600.00	-	-	-	-
3	Wiring for light or fan point with 3/029 PVC Insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	115.00	92,452.00	75.00	60,572.00	40.00	31,880.00
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	32.00	31,520.00	16.00	15,760.00	8.00	7,880.00
5	Wiring for call bell point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 128 page no.15	Per Point	1,764.00	4.00	7,056.00	4.00	7,056.00	2.00	3,528.00
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00	2.00	302.00	2.00	302.00
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	-	-	8.00	1,296.00	4.00	648.00



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.3: Residential Accommodation - Electrical Works - Second Floor

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	20.00	1,440.00	20.00	1,440.00	15.00	1,080.00
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	4.00	12,080.00	-	-	-	-
10	Providing and fixing brass Ceiling fan 55" (good quality) Schedule item 235 page no.34	Per No	3,185.00	16.00	50,960.00	16.00	50,960.00	8.00	25,480.00
11	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	12.00	33,492.00	8.00	22,328.00	4.00	11,164.00
TOTAL COST OF ELECTRICAL WORKS SCHEDULE ITEM					400,902		282,314		143,262

* This Amount is carried over to sub-summary of Electrical Work (Accommodation)



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.3: Residential Accommodation - Electrical Works - Second Floor

S #	DESCRIPTION	UNIT	RATE	Dector Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

- 1- Wiring & Accessories.
 1 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JB's, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.
 Point 18.00 4/500/- 81000/- 9.00 40500/- 4.00 18000/- ✓
- 2 Same as above schedule item No.2 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.
 Point 4.00 1500/- 6000/- ✓
- 3 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JB's, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.
 Point 4.00 4000/- 16000/- 4.00 16000/- 2.00 8000/- ✓
- 4 Same as above item No.7 but power plug outlet to outlet, complete as per specifications and drawing.
 Point 4.00 2000/- 8000/- 4.00 8000/- 2.00 4000/- ✓



Name of Client: Health Department, Government of Sri Lanka
 Name of Project: Upgradation of TRQ Hospital, to the level of DHO Hospital at Kariber
 Sub Head # 2.3.3: Residential Accommodation - Electrical Works - Second Floor

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

7	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing. a) 10 Airrps 3-pin switch & socket outlet	No.	500/-	32.00	16000/-	16.00	8000/-	8.00	4000/-
	b) 10 rmps 3-pin (simplex) outlet	No.	750/-	8.00	6000/-	-	-	-	-
	c) 25A Isolator switch	No.	1000/-	12.00	12000/-	-	-	-	-
8	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.	No.	1000/-	20.00	20000/-	16.00	16000/-	8.00	8000/-
9	II- Fixtures: Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No.	2000/-	40.00	80000/-	30.00	60000/-	10.00	20000/-
10	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W	No.	1500/-	-	-	1.00	1500/-	-	-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.3: Residential Accommodation - Electrical Works - Second Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Doctor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT

11 Supply, installation, connecting, testing & commissioning of following wall mounting and ceiling mounting Fancy decorative with compact fluorescent lamp light fixtures that to be approved by Architect or site in charge, complete in all respects.

- a) Fancy wall bracket with double arm with 25W CFL
- b) Pendant Light fixture Fancy type with 1X32W CFL
- c) Fancy Mirror Light fixture wall mounted with 25W CFL

No.	3000/-	8.00	24000/-	12.00	36000/-	4.00	12000/-
No.	2000/-	24.00	48000/-	16.00	32000/-	8.00	16000/-
No.	1500/-	8.00	12000/-	8.00	12000/-		

III-Distribution Boards & Earthing:

12 Supply, installation, connecting, testing and commissioning of following Floor/wall mounting distribution board sub-main and DBs for lighting and power, should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per specifications and drawing.

- Category-A
- b) DB-As1 to DB-As4
- Category-B
- b) DB-Bs1 to DB-Bs4
- Category-C
- b) DB-Cs1 to DB-Cs2

Set	50000/-	4.00	200000/-				
Set	50000/-			4.00	200000/-		
Set	50000/-					2.00	100000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 2.3.3 Residential Accommodation - Electrical Works - Second Floor

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Dactor Flats		Paramedics Flats		Lower Staff Flats	
				QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
13	IV- Telephone & TV Antenna: Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft.	35/-	150.00	5250/-	200.00	7000/-	100.00	3500/-
14	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.	Rft.	30/-	360.00	10800/-	470.00	14100/-	150.00	4500/-
15	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	4.00	4000/-	4.00	4000/-	2.00	2000/-
16	Supply, installation, connecting, testing and commissioning of Duplex TV Antenna outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	4.00	4000/-	4.00	4000/-	2.00	2000/-
17	Supply, connecting, testing & commissioning of co-axial cable suitable for TV Antenna in already installed conduit, complete as per specification and drawing.	Rft.	307/-	560.00	16800/-	470.00	14100/-	100.00	3000/-
TOTAL COST OF ELECTRICAL WORKS					697450/-		507200/-		221600/-
NON-SCHEDULE ITEM									

* This Amount shall be carried over to sub-summary of Electrical Work (Accommodation)



ANCILLARY BUILDINGS



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUMMARY OF ANCILLARY BUILDINGS

S. No.	Particular	Bill of Quantities		Total Amount
		Quantity	Amount	
1	Cost of Civil Works	45,903,681.95	X	45,903,681.95
2	Cost of Plumbing Works	968,080.60	✓	968,080.60
3	Cost of Electrical Works	2,973,896.88	✓	2,973,896.88
Total Amount of Ancillary Buildings				** 49,843,659.43

48,795,159.43

Note : *** This amount shall be carried over to Grand Summary



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UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

ANCILLARY BUILDINGS

ANCILLARY
Sum. Civil

SUB-SUMMARY OF CIVIL WORKS (ANCILLARY BUILDINGS)

Sl. No.	Particular	Amount of Schedule Items	Amount of Non Schedule	Total Amount
			Items	
11	Musafir Khana			
11.1	Foundation Plinth	2,314,525	(2,30,000.00) X	2,3,000/-
11.2	Ground Floor	7,947,379	570,000.00 ✓	---
12	Morgue House			
12.1	Foundation Plinth	711,015	(100,000.00) X	10,000/-
12.2	Ground Floor	2,209,104	182,500.00 ✓	---
13	Laundry			
13.1	Foundation Plinth	1,146,841	(125,000.00) X	12,500/-
13.2	Ground Floor	2,531,532	596,140.00 ✓	---
14	Masjid			
14.1	Foundation Plinth	2,780,215	(265,000.00) X	26,500/-
14.2	Ground Floor	9,380,382	376,625.00 ✓	---
15	Ablution			
15.1	Foundation Plinth	562,548	(60,000.00) X	6,000/-
15.2	Ground Floor	1,698,675	216,525.00 ✓	---
16	Cafeteria			
16.1	Foundation Plinth	2,129,615	(225,000.00) X	22,500/-
16.2	Ground Floor	4,748,883	1,00,780.00 ✓	---
17	Parking Shed			
17.1	Foundation Plinth	287,473	(27,500.00) X	2,750/-
17.2	Ground Floor	492,739	15,000.00 X	---
18	Sub Station			
18.1	Foundation Plinth	1,084,124	(110,000.00) X	11,000/-
18.2	Ground Floor	862,887	345,720.00 ✓	---
19	H. T. Room			
19.1	Foundation Plinth	237,219	(27,500.00) X	2,250/-
19.2	Ground Floor	351,329	99,675.00 ✓	---
	Amount of Schedule & Non Schedule Items	41,476,584	---	---
	..... 0.35% Above / Below / At-Par	145,168.05 ✓	---	---
	Total Amount of Schedule & Non Schedule Items	46,331,416.25 ✓	(4,578,265.00) X	---
Total Amount of Civil Works			= 3,529,765/11	X (45,909,681.95)

244,861,187/-

** This amount shall be carried over to Summary of Ancillary Buildings

22nd N.W. Health Department/Under Division/Kamber/Volume III/Ancillary Buildings

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

MUSAFIR KHANA
 BOQ-C/FP-1

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	5,832	4,411
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"it. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	7,877	25,019
3	Termite Proofing				
3.1	Providing Anti-termmite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	280	11,228
3.2	Providing Anti-termmite by Neptichlar 0.5% Emulsion as an overall per construction treatment in siab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	5,832	56,804
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead up o one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	5,450	8,243
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	14,181	51,477
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	14,181	25,725



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

MUSAFIR KHANA
 BOQ-C/FP-2

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	700	18,788
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	1,132	106,592
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>				
8.1	(I), Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 3/4" gauge [Page No. 16, Item No. 6(a)] a) Foundation / Raft	Per Cft	337.00	1,266	426,642
	b) Plinth beam	Per Cft	337.00	980	330,260
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	309	107,841



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

MUSAFIR KHANA
 BOQ-C/FP-3

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	125	625,213
10	Pucca Brick Work in Foundation Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6). (Page No. 20, Item No. 4-l (e) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	1,766	211,008
11	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	303	11,856
12	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	2,100	16,340
13	FLOORING				
13.1	Stone filling dry hand packed, as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	2,365	63,477
13.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	1,560	196,482



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Item # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

MUSAFIR KHANA
 BOQ-C/FP-4

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	1,600	17,120
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM			*	2,314,525

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.1.1: Ancillary Building - Civil Works - Foundation Plinth

MUSAFIR KHANA
 BOQ-C/FP-5

CIVIL WORK - NON-SCHEDULE ITEMS

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/- <u>500/-</u> *	460	23,000/- <u>230000/-</u> *
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	23,000/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



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Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

MUSAFIR KHANA

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 3/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	703	236,911
	b) Slab / Projections	Per Cft	337.00	3,265	1,100,305
	c) Staircase	Per Cft	337.00	75	25,275
	d) Window Sill	Per Cft	337.00	10	3,370
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	381	132,969
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	215	1,075,366
3	Pucca Brick Work in Super Structure				
3.1	Pacca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-I(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	3,377	428,013
	b) 4-1/2 thick wall	%Cft	12,674.36	50	6,337



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHO Hospital at Kamber
Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
3.2	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	100	22,602
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 2' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	4,177	91,790
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	6,151	185,499
4.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	5,400	162,851
5	FLOORING				
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No.47, Item No.60)				
a)	Flooring	%Sft	30,509.77	394	120,208
b)	Dado	%Sft	30,509.77	1,228	374,660
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)	Per Sft	567.48	4,463	2,532,663



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-i)	Per Sft	186.04	411	76,462
6	DOORS / WINDOWS				
6.1	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	328	475,498
6.2	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	50	3,189
6.3	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I. sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jams. The cost also i/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	225	51,503
6.4	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	328	53,759
6.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No. 60)	Per Rft	49.97	437	21,837



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6.6	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No.20)	Each	408.14	6	2,449
6.7	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No.30)	Per Sft	194.16	328	63,684
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54, item No 24-c).	%Sft	1,079.65	4,177	45,097
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B).	%Sft	3,444.38	6,151	211,864
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	5,400	138,669
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	1,000	14,491



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

MUSAFIR KHANA

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	8	4,200
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinder.	%Sft	5,310.35	5,383	285,856
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	7,947,379

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

MUSAFIR KHANA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and applying 3/4" thick, 1:4 Pigmented cement sand plaster (using white cement and pigment of approved make and shade) smooth finished without colour variation, including making groves, drip course, bands, corners, jambs, recesses, scaffolding, curing, etc. complete in all respect as per drawings, specifications and as directed by the Engineer Incharge (on external elevation) at any height any floor.	P. Sft	75/-	700	52500/- ✓
2	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	300/-	200	60000/- ✓
3	Providing and making counters for following use comprising of 2" thick RCC slab, 2" wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor. a) For Vanity wash basin / panty	P. Sft	650/-	180	117000/- ✓
4	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.	P. Sft	500/-	300	150000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.1.2: Ancillary Building - Civil Works - Ground Floor

MUSAFIR KHANA
 BOQ-C/GF-7

CIVIL WORK - NON-SCHEDULE ITEMS

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	Providing and fixing approved quality Bath Latch.	Each	1000/-	4	4000/- ✓
6	Providing and fixing hydraulic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	3500/-	4	14000/- ✓
7	Providing, fabricating and fixing G.I. pipe staircase railing as per design comprising polished Shesham wood handrail, 3/4" m.s. square bar balustrs (1 No. on each step) including enamel painting, polishing and all accessories complete in all respect as shown on the drawings and as directed by the Engineer in any floor. a) Floor mounted	P. Rft	1200/-	50	60000/- ✓
8	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer incharge.	P. Sft	150/-	750	112500/- ✓
9	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	475/-		Only Rate required
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					* 570000/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.2.1: Ancillary Building - Civil Works - Foundation Plinth

MORGUE HOUSE
 BOQ-C/FP-1

CIVIL WORK - (CSR-2012)

MORGUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	950	718
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	2,130	6,765
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	200	8,020
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge (Page No.109 Item No.92)	Per Sft	9.74	1,066	10,383
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	1,440	2,178
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	2,805	10,182
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	2,805	5,088



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.2.1: Ancillary Building - Civil Works - Foundation Plinth

MORQUE HOUSE
 BOQ-C/FP-2

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6.	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	192	5,153
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" guage. Ratio 1:4:8 (Page No. 15, Item No. 4-b) Note: <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	322	30,320
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. Note: <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
8.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 C.ft. Sand 4 Cft. Shingle 1/4" to 1/4" gauge [Page No. 16, Item No. 6(a)] a) Foundation / Raft	Per Cft	337.00	480	161,760
	b) Plinth beam	Per Cft	337.00	300	101,100
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns upto plinth level Note: <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	55	19,195



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.2.1: Ancillary Building - Civil Works - Foundation Plinth

MORGUE HOUSE
 BOQ-C/FP-3

CIVIL WORK - (CSR-2612)

MORQUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bunding, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
	b) TOR Steel (Page No. 17, Item No. 3-b)	Cwt	5,001.70	45	225,077
10	Pucca Brick Work in Foundation Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6). [Page No. 20, Item No. 4-1 (e)] Note: <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	178	21,268
11	Plain Cement Concrete Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6. (Page No.16 Item No.5-h) Situ Note: <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	145	18,263
12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) (Page No.18 Item No.19-b-ii)	% Sft	3,127.41	551	17,232
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) Note: <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	150	5,869



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THC Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.2.1: Ancillary Building - Civil Works - Foundation Plinth

MORQUE HOUSE
 BOQ-C/FP-4

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	350	2,723
15	FLOORING				
15.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	470	12,615
15.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note: Use S.R cement for work upto plinth level. Difference in cost for using S.H cement will be paid separately.</i>	%Cft	12,595.00	309	38,919
15.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	765	8,186
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					711,015

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of T-2 Hospital to the level of T-3 Hospital at *Murgue House
 *Murgue House - T-2 Hospital - T-3 Hospital - *Murgue House

MURGUE HOUSE
 320-321

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto P inth level.	P. Bag	50/4 500/- *	200	10,000/4 100000/- *
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					• 100000/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings) 10,000/4



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Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

MORGUE HOUSE

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle ¼" to ½" gauge [Page No. 16, Item No. 5(a)]				
	a) Beams / Lintels	Per Cft	337.00	224	75,488
	b) Slab / Projections	Per Cft	337.00	550	185,350
	c) Window Sill	Per Cft	337.00	10	3,370
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	438	152,862
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	60	300,102
3	Pucca Brick Work in Super Structure				
3.1	Pacca brick work in ground floor in Cement Sand Mortar (1:6). [Page No. 21, Item No. 5-1(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	820	103,930



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CESR-2012)

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 up to 12' height (a) 1/2" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	935	20,547
4.2	Cement Sand Plaster 1:4 up to 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	2,466	74,369
4.3	Cement Sand Plaster 1:4 up to 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	2,320	69,966
5	FLOORING				
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No.47, Item No.60)				
a)	Flooring	%Sft	30,509.77	75	22,882
b)	Dado	%Sft	30,509.77	302	92,140
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)	Per Sft	567.48	776	440,364



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-d)	Per Sft	186.04	113	21,023
5.4	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No 42, Item No.16-c) a) for Ramp)	%Sft	3,275.50	130	4,258
6	DOORS / WINDOWS				
6.1	Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinge doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83 b)	Per Sft	1,507.66	83	125,136
6.2	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	126	182,661



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of DHQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	50	3,189
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	128	29,299
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	126	20,651
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No. 60)	Per Rft	49.97	256	12,792
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60 Item No. 20)	Each	408.14	7	2,857
6.8	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No. 30)	Per Sft	194.16	126	24,464
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No. 54, item No 24-c)	%Sft	1,079.65	935	10,095



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MORQUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint l/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, Item No 36-A + 3 + B).	%Sft	3,444.38	2,466	84,938
7.3	Weather Coat Preparing the surface and painting with weather coat l/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	2,320	59,576
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	650	9,419
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	2	1,050
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of PCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	1,000	53,104



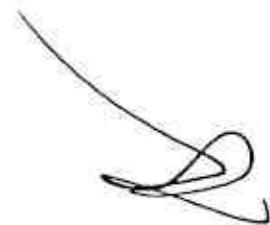
Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8.3	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including riveted with 3/4"x1/8" iron patti placed diagonally and approved with top & bottom T-section 1"x1"x1/8" along with rollers also locking arrangement and fixing in floor/ceiling or wall ect complete.(Page No.94 Item No.32)	P.Sft	387.04	60	23,222
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	2,209,104

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)


Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.2.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

MORQUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	300/-	20	6000/- ✓
2	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 3 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood flippin on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.	P. Sft	500/-	165	82500/- ✓
3	Providing and fixing hydraulic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	3500/-	1	3500/- ✓
4	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	150/-	440	66000/- ✓
	Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P. Sft	175/-	140	24500/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plinth

LAUNDRY

CIVIL WORK - (CSR-2012)					
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-i, light)	%Sft	75.63	1,920	1,452
2	Excavation Excavation in foundation of building bridges and other structures including dagballing dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	3,805	12,086
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	220	8,822
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	1,920	18,701
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	13,150	19,889
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	4,581	16,629
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	4,581	8,310

[Handwritten Signature]
 SPECIALS



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)				LAUNDRY	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	350	9,394
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" guage. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	540	50,848
8	REINFORCED CEMENT CONCRETE: Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
11	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/4" gauge [Page No. 16, Item No. 6(a)]				
a)	Foundation / Raft	Per Cft	337.00	600	202,200
b)	Plinth beam	Per Cft	337.00	553	186,361



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plinth

LAUNDRY
 BOQ-C/FP-3

CIVIL WORK - (CSR-2012)				LAUNDRY	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
82	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	190	66,310
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	60	300,102
10	Pucca Brick Work in Foundation Pacca brick work in foundation and plinth in Cement Sand Mortar (1:6). [Page No. 20, Item No. 4-I (e)] <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	95	11,351
11	Plain Cement Concrete Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio : 3:6. (Page No. 16 Item No. 5-h) Situ <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	482	60,708
12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) (Page No. 18 Item No. 19-b-ii)	% Sft	3,127.41	1,285	40,187



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THC Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

LAUNDRY

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	250	9,782
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	3,723	28,968
17	FLOORING				
17.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	745	19,996
17.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	500	62,975
17.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	1,100	11,770
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	1,146,841

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Head # 3.3.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - NON-SCHEDULE ITEMS				LAUNDRY	
DESCRIPTION	UNIT	RATE	QTY	AMOUNT	
Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/4 500	250	12,500/4	125000 ✓
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	125000 ✓

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings) 12,500/4



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

LAUNDRY

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]	Per Cft	337.00	570	192,090
	a) Beams / Lintels	Per Cft	337.00	940	316,780
	b) Slab / Projections	Per Cft	337.00	80	26,960
	c) Walls	Per Cft	337.00	10	3,370
	d) Window Sill				
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	250	87,250
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	85	425,145
3	Pucca Brick Work in Super Structure Pucca brick work in ground floor in Cement Sand Mortar (1:6). [Page No. 21, Item No. 5-I(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	1,541	195,312
	b) 4-1/2 thick wall	%Cft	12,674.36	100	12,674



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kambar
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)				LAUNDRY	
S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	1,450	31,864
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	4,162	125,516
4.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	3,500	105,552
5	FLOORING				
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / lucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning, and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-i)	Per Sft	186.04	60	11,162
6	DOORS / WINDOWS				
6.1	Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)	Per Sft	1,507.66	83	125,136
6.2	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	202	292,837



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

LAUNDRY

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	150	9,566
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I. sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also l/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	180	41,202
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	285	46,712
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No. 60)	Per Rft	49.97	355	17,739
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60 Item No. 20)	Each	408.14	10	4,081
6.8	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" l/c. circle shape at 1-0 apart equivalent fitted with screws or pins l/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No. 30)	Per Sft	194.16	202	39,220
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No. 54, item No 24-c).	%Sft	1,079.65	1,450	15,655



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

LAUNDRY

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
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7.2 Matt Finish Paint

Preparing the surface and painting with Matt finish paint 1/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat).

(Page No.55, item No 36-A + B + B).

%Sft 3,444.38 4,162 143,355

7.3 Weather Coat

Preparing the surface and painting with weather coat 1/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat)

(Page No.56 Item No.38-A + B + B)

%Sft 2,567.95 4,225 108,496

7.4 Enamel Painting

Preparing the surface and painting with enamel paint (including 2nd & subsequent coat)

(Page No.73, Item No.31-A + B + B)

%Sft 1,449.14 785 11,376

8 MISCELLANEOUS

8.1 Reinforced cement concrete spout including fixing in position with top and bottom khuras.

(Page No. 19 Item No.27)

Each 524.98 2 1,050

8.2 Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.

%Sft 5,310.35 1,745 92,666



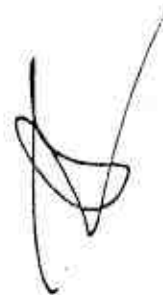
Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of T-Q Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

LAUNDRY
 BOQ-C/GF-5

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	LAUNDRY	
				Qty	AMOUNT
8.3	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including riveted with 3/4"x1/8" iron patti placed diagonally and approved with top & bottom T-section 1"x1"x1/8" along with rollers also i/c locking arrangement and fixing in floor/ceiling or wall ect complete.(Page No.94 Item No.32)	P.Sft	387.04	126	48,767
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	2,531,532

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

LAUNDRY

CIVIL WORK - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.	P.Sft	120/-	1,520	182400/- ✓
	a) size 16" x 16" on floor	P.Sft	125/-	217	26040/- ✓
	c) 4" high skirting				
2	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	300/-	150	45000/- ✓
3	Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer incharge at any floor.	P. Sft	650/-	20	13000/- ✓
	a) For Vanity wash basin / pantry				



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.3.2: Ancillary Building - Civil Works - Ground Floor

LAUNDRY

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
4	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.	P. Sft	500/-	260	130000/- ✓
5	Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	3500/-	1	3500/- ✓
6	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	150/-	960	144000/- ✓
7	Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P.Sft	175/-	300	52500/- ✓
8	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	475/-		Only Rate required
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	596440/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Building)



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.1: Ancillary Building - Civil Works - Foundation Plinth

MASJID

CIVIL WORK - (CSR-2012)					
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	4,750	3,592
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"fl. in ordinary soil. (Page No.4, Item No. 18-b)	%0Cft	3,176.25	8,413	26,722
3	Termite Proofing				
3.1	Providing Anti-termmite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overal pre-construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	275	11,028
3.2	Providing Anti-termmite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	4,730	46,070
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	28,500	43,106
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	14,123	51,266
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	14,123	25,620



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.1: Ancillary Building - Civil Works - Foundation Plinth

MASJID
 BOQ-C/FP-2

CIVIL WORK - (CSR-2012)				MASJID	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	550	14,762
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" guage. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	1,044	98,306
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
8.1	(1). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
a)	Foundation / Raft	Per Cft	337.00	1,470	495,390
b)	Plinth beam	Per Cft	337.00	1,046	352,502



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.1: Ancillary Building - Civil Works - Foundation Plinth

MASJID
 BOQ-C/FP-3

CIVIL WORK - (CSR-2012)				MASJID	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	422	147,278
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	135	675,230
10	Pucca Brick Work in Foundation Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6). [Page No. 20, Item No. 4-l (e)] <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	3,200	382,348
11	Plain Cement Concrete Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6. (Page No. 16 Item No. 5-h) Situ <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	221	27,835
12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) (Page No. 18 Item No. 19-b-ii)	% Sft	3,127.41	500	15,637



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.1: Ancillary Building - Civil Works - Foundation Plinth

MASJID

CIVIL WORK - (CSR-2012)				MASJID	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	523	20,464
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	7,161	55,719
15	FLOORING				
15.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	2,242	60,175
15.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	1,553	195,600
15.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	2,950	31,565
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	2,780,215

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.1: Ancillary Building - Civil Works - Foundation Plinth

MASJID

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/- ⁺ 50/-	530	26,500/- ⁺ 26,500/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	26,500/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings) 26,500/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

MASJID

CIVIL WORK - (CSR-2012)		UNIT	RATE	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1	(i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/2" to 3/4" gauge [Page No. 16, Item No. 6(a)]	Per Cft	337.00	912	307,344
	a) Beams / Lintels	Per Cft	337.00	3,850	1,297,450
	b) Slab / Projections	Per Cft	337.00	10	3,370
	e) Window Sill				
2	(ii) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	954	332,946
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	275	1,375,468
2	Pucca Brick Work in Super Structure Pucca brick work in ground floor in Cement Sand Mortar (1:6). [Page No. 21, Item No. 5-I(e)]	%Cft	12,674.36	2,470	313,057
	5 inch thick wall	%Cft	12,674.36	25	3,169
	4-1/2 thick wall				



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.2: Ancillary Bu'lding - Civil Works - Ground Floor

MASJID

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
3.2	Providing and fixing ornamental cement jali 2" thick (1:2:4) without steel. (Page No. 18, Item No. 11)	Per Sft	226.02	740	167,255
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 12' height (a) 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	4,443	97,636
4.2	Cement Sand Plaster 1:4 upto 12' height (b) 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	7,405	223,317
4.3	Cement Sand Plaster 1:4 upto 12' height (c) 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	4,918	148,315
5	FLOORING				
5.1	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)	Per Sft	567.48	4,635	2,630,270
5.2	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curring, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-i)	Per Sft	186.04	310	57,672
6	DOORS / WINDOWS				
6.1	Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)	Per Sft	1,507.66	288	434,206



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

MASJID

CIVIL WORK - (CSR-2012)					
S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
6.2	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc.complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	571	827,773
6.3	G.I Door Frame Providing & fixing G.I frames/choukha of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I.sheet i/c welded hinges and fixing at site with necessary hold fasts,filling with cement sand slurry of 1:6 ratio and repairing the jambs.The cost also i/c all carriage,tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	165	37,769
6.4	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	860	140,954
6.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No.68 Item No.60)	Per Rft	49.97	328	16,390
6.6	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No.20)	Each	408.14	8	3,265
6.7	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No.30)	Per Sft	194.16	571	110,865



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

MASJID

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54, item No 24-c).	%Sft	1,079.65	4,443	47,969
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B).	%Sft	3,444.38	7,405	255,056
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B).	%Sft	2,567.95	4,920	126,343
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	1,337	19,375
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	2	1,050
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	4,540	241,090



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

MASJID

CIVIL WORK - (CSR-2012)					
S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
8.3	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including revitted with 3/4"x1/8" iron patti placed diagonally and approved with top & bottam T-section 1"x1"x1/8" along with rollers also i/c locking arrangement and fixing n floor/calling or wall ect complete. (Page No.94 Item No.32)	P.Sft	387.04	416	151,009
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM					* 9,380,382

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of TrHQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS				MASJID	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	300/-	190	57000/- ✓
2	Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor. a) For Vanity wash basin / pantry	P. Sft	650/-	20	13000/- ✓
3	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters , with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved lower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.	P. Sft	500/-	150	75000/- ✓
4	Providing and fixing hydraulic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	3500/-	8	28000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.4.2: Ancillary Building - Civil Works - Ground Floor

MASJID

CIVIL WORK - NON-SCHEDULE ITEMS				MASJID	
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	150/-	1,025	153750/- ✓
6	Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P.Sft	175/-	285	49875/- ✓
7	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	475/-		Only Rate required
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	376625/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.1: Ancillary Building - Civil Works - Foundation Plinth

ABLUTION AREA

CIVIL WORK - (CSR-2012)					
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	722	546
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	1,940	6,162
3	Termite Proofing 11 Providing Anti-termmite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	100	4,010
12	Providing Anti-termmite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	575	5,601
4	Back Filling Surplus Earth 11 Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	1,330	2,012
5	Earth Filling ouside Earth 51 Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	1,893	6,872
32	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	1,893	3,434



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.1: Ancillary Building - Civil Works - Foundation Plinth

S#	DESCRIPTION	UNIT	RATE	ABLUTION AREA	
				QTY	AMOUNT

6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	170	4,563
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7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b)	%Cft	9,416.28	286	26,931
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Note:
 Use S.R cement for work upto plinth level.
 Difference in cost for using S.R cement will be paid separately.

8 REINFORCED CEMENT CONCRETE
 Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)

a) R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.

Note:
 Use S.R cement for work upto plinth level.
 Difference in cost for using S.R cement will be paid separately.

6.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 3/4" to 1/2" gauge (Page No. 16, Item No. 6(a))	Per Cft	337.00	371	125,027
	a) Foundation / Raft	Per Cft	337.00	181	60,997

b) Plinth beam



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 S.S Head # 3.5.1: Ancillary Building - Civil Works - Foundation Plinth

ABLUTION AREA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	72	25,128
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	30	150,051
10	Pucca Brick Work in Foundation Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6). [Page No. 20, Item No. 4-l (e)] <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	95	11,351
11	Plain Cement Concrete Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6. (Page No.16 Item No.5-h) Situ <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	115	14,484
12	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTIAL WOOD) (Page No.18 Item No.19-b-ii)	% Sft	3,127.41	510	15,950



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.1: Ancillary Building - Civil Works - Foundation Plinth

ABLUTION AREA

CIVIL WORK - (CSR-2012)				
S#	DESCRIPTION	UNIT	RATE	AMOUNT
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	90 3,522
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	300 2,334
17	FLOORING			
17.1	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	300 8,052
17.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	628 79,097
17.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	610 6,527
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				* 562,648

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK.- NON-SCHEDULE ITEMS				ABLUTION AREA	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Suiphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/- 500/- *	120	6000/- 60000/- *
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	60000/- ✓

6000/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

ABLUTION AREA

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/4" gauge [Page No. 16, Item No. 6(a)]	Per Cft	337.00	202	68,074
	a) Beams / Lintels	Per Cft	337.00	320	107,840
	b) Slab / Projections	Per Cft	337.00	10	3,370
	c) Window Sill	Per Cft	361.10	135	48,749
	d) Walls (OHT)	Per Cft	361.10	214	77,275
	e) Base Slab (OHT)				
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] + [Page No. 17, Item No. 6(d)]	Per Cft	361.10	88	31,777
	a) Columns	Per Cft	361.10	135	48,749
	b) Walls (OHT)	Per Cft	361.10	214	77,275
	c) Base Slab (OHT)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	35	175,060
2	Pucca Brick Work in Super Structure Pucca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	633	80,229
	b) 4-1/2 thick wall	%Cft	12,674.36	215	27,250



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of DHQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)				ABLUTION AREA	
S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
3 PLASTERING					
3.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	480	10,548
3.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	1,000	30,158
3.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	3,156	95,177
4 FLOORING					
4.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No.47, Item No.60)	%Sft	30,509.77	575	175,431
a)	Flooring	%Sft	30,509.77	1,309	399,373
b)	Dado				
4.2	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c)	%Sft	3,275.50	426	13,954
a)	for O.H.T)				
5 DOORS / WINDOWS					
5.1	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc.complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	15	21,745



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-201)				ABLUTION AREA	
S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
5.2	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	30	1,913
5.3	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I.sheet l/c welded hinges and fixing at site with necessary hold fasts,filling with cement sand slurry of 1:6 ratio and repairing the jambs.The cost also l/c all carriage,tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	100	22,890
5.4	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	15	2,459
5.5	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No.66 Item No.60)	Per Rft	49.97	200	9,994
5.6	Iron Grill to Windows Providing and fixing iron eteel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 1/4" x 1/4" l/c. circle shape at 1-0 apart equivalent fitted with screws or pins l/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No.30)	Per Sft	194.16	15	2,912
5.1	PAINTING WORKS Distemper Preparing surface and painting with distemper paint three coats. (Page No.54,Item No 24-c).	%Sft	1,079.65	480	5,182



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

ABLUTION AREA

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
6.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B).	%Sft	3,444.38	760	26,177
6.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	2,190	56,238
6.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	260	3,768
7	MISCELLANEOUS				
7.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No 27)	Each	524.98	2	1,050
7.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	680	36,110
7.3	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including revitted with 3/4"x1/8" iron patti placed diagonally and approved with top & bctlam T-section 1"x1"x1/8" along with rollers also i/c locking arrangement and fixing in floor/ceiling or wall ect complete.(Page No.94 Item No.32)	P.Sft	387.04	80	30,963



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)				ABLUTION AREA	
S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1.4	Providing C.I Manhole cover & frame i/c cost of material ect.(Page No.35 Item No.J-1)	Cwt	6,985.00	1	6,985
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	1,698,675

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

ABLUTION AREA

CIVIL WORK - NON-SCHEDULE ITEMS		UNIT	RATE	QTY	AMOUNT
S #	DESCRIPTION				

- | | | | | | |
|---|---|--------|-------|-----|---------|
| 1 | Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor. | P. Sft | 300/- | 150 | 45000/- |
| 2 | Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters , with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide alround 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor. | P. Sft | 500/- | 109 | 54500/- |
| 3 | Providing and fixing approved quality Bath Latch. | Each | 650/- | 6 | 3900/- |
| 4 | Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings, and as directed by the Engineer Incharge. | P. Sft | 150/- | 620 | 93000/- |
| | Providing and laying 1-1.2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer. | P.Sft | 175/- | 115 | 20125/- |



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

ABLUTION AREA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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5 Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.

P. Sft

475/-

Only
Rate
required

TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM	* 216525/-
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* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

CAFETERIA
 BOQ-C/FP-1

CIVIL WORK - (CSR-2012)

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	5,000	3,782
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%OCft	3,176.25	7,691	24,429
3	Termite Proofing				
3.1	Providing Anti-termmite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	300	12,030
3.2	Providing Anti-termmite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	5,000	48,700
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%OCft	1,512.50	4,300	6,504
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%OCft	3,630.00	11,663	42,337
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%OCft	1,814.04	11,663	21,157

[Handwritten Signature]

FOR
 11/3



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of GHQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

CAFETERIA
 BOQ-C/FP-2

CIVIL WORK - (CSR-2012)

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	656	17,607
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	1,100	103,579
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
11	(i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/4" gauge [Page No. 16, Item No. 6(a)]				
a)	Foundation / Raft	Per Cft	337.00	1,213	408,781
b)	Plinth beam	Per Cft	337.00	1,043	351,491



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

CAFETERIA
 BOQ-C/FP-3

CIVIL WORK - (CSR-2012)		CAFETERIA			
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	231	80,619
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	125	625,213
10	Pucca Brick Work in Foundation Pacca brick work in foundation and plinth in Cement Sand Mortar (1:6). [Page No. 20, Item No. 4-1 (e)] <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	800	95,587
11	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	522	20,425
12	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	5,380	41,861
13	FLOORING				
31	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	1,854	49,761



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

CAFETERIA
 BOQ-C/FP-4

CIVIL WORK - (CSR-2012)

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	1,225	154,289
13.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	2,006	21,464
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	2,129,615

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 S.S Head # 3.5.1: Ancillary Building - Civil Works - Foundation Plinth

CAFETERIA
 BOQ-C/FP-5

CAFETERIA

CIVIL WORKS - NON-SCHEDULE ITEMS

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/- 50/-	450	22,500/- 22500/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					* 22500/- ✓

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)

22,500/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CAFETERIA

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 3 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	893	300,941
	b) Slab / Projections	Per Cft	337.00	2,284	769,708
	e) Window Sill	Per Cft	337.00	10	3,370
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)] Columns above plinth level	Per Cft	349.00	245	85,505
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	160	800,272
3	Pucca Brick Work in Super Structure				
3.1	Pacca brick work in ground floor in Cement Sand Mortar (1:6) [Page No. 21, Item No. 5-(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	2,514	318,633
	b) 4-1/2 thick wall	%Cft	12,674.36	514	65,146




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)		CAFETERIA		
S #	DESCRIPTION	UNIT	Qty	AMOUNT
4	PLASTERING			
4.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	3,543	77,858
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	7,441	224,403
4.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	4,500	135,709
5	FLOORING			
5.1	Glazed Tile Floor / Dado Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with staurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No.47, Item No.60)			
a)	Flooring	%Sft	190	57,969
b)	Dado	%Sft	660	201,364
5.2	Marble Tile Floor Laying 3/4 inch thick white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (Page No. 43, Item No. 28-a)	Per Sft	336	190,673



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
5.3	Marble Tile Skirting Providing and fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / lucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, cleaning and polishing etc. complete. (For new work) (Page No. 49, Item No. 68-i)	Per Sft	186.04	55	10,232
5.4	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c) a) for Ramp)	%Sft	3,275.50	150	4,913
6	DOORS / WINDOWS				
6.1	Aluminium Doors Supplying and fixing in position Aluminium channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks including handles stoppers, etc. complete Deluxe model (Bronze) (Page No. 108, Item No. 83-b)	Per Sft	1,507.66	100	150,766
6.2	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc.complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	300	434,907



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
6.3	Aluminium Sheet Providing and fixing Aluminum sheet on door pasted with glue as per requirement. (Page No. 66, Item No. 61)	Per Sft	63.77	50	3,189
6.4	G.I Door Frame Providing & fixing G.I frames/choukhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of 1:6 ratio and repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	235	53,792
6.5	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	300	49,170
6.6	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No. 66 Item No. 60)	Per Rft	49.97	470	23,486
6.7	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No. 60 Item No. 20)	Each	408.14	7	2,857
6.8	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c. circle shape at 1-0 apart equivalent fitted with screws or pins i/c. painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No. 30)	Per Sft	194.16	300	58,248
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No. 54, item No 24-c).	%Sft	1,079.65	3,543	38,252



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CAFETERIA

CIVIL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, Item No 36-A + B + B)	%Sft	3,444.38	7,441	256,296
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	4,500	115,558
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	1,000	14,491
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	4	2,100
8.2	Single layer of tiles 9" x 4-1/2" x 2' laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	4,320	229,407

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)				CAFETERIA	
S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
8.3	Providing and fixing iron collapsible gate with channel framing of section 3/4"x5/16" at 4" including riveted with 3/4"x1/8" iron patti placed diagonally and approved with top & bottom T-section 1"x1"x1/8" along with rollers also i/c locking arrangement and fixing in floor/ceiling or wall ect complete.(Page No.94 Item No.32)	P.Sft	387.04	180	69,667
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	4,748,883

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS				CAFETERIA	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and laying polished porcelain tiles (full body) 16"x16" or 20"x20" on floor or on wall in required colour and pattern of approved make (MASTER or equivalent as approved) laid and jointed in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joint with slurry of white cement and pigment with finishing, cleaning etc. complete including cutting tiles to proper profile in any floor.	P. Sft	120/-	3,687	442440/- ✓
	a) size 16" x 16" on floor				
	b) size 20" x 20" on floor	P. Sft	130/-		
	c) 4" high skirting	P. Sft	125/-	287	34440/- ✓
2	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	300/-	110	33000/- ✓
3	Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor.	P. Sft	650/-	336	218400/- ✓
	a) For Vanity wash basin / pantry				



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.5.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS				CAFETERIA	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
4	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.	P. Sft	500/-	185	92500/- ✓
5	Providing and fixing approved quality Bath Latch.	Each	1000/-	4	4000/- ✓
6	Providing and fixing hydrolic door closer (Rayobi of approved design No.5002 Japan Make (or approved equivalent) as per direction of Engineer Incharge.	Each	3500/-	2	7000/- ✓
7	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soiling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	150/-	960	144000/- ✓
8	Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P.Sft	175/-	200	35000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	475/-		Only Rate required
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					* 1010780/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.7.1: Ancillary Building - Civil Works - Foundation Plinth

PARKING SHED
 BOQ-C/FP-1

CIVIL WORK - (CSR-2012)		PARKING SHED			
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	800	605
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	1,126	3,576
3	Termite Proofing				
3.1	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	115	4,612
3.2	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	800	7,792
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	830	1,255
5	Earth Filling outside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	2,514	9,126
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra leac. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	2,514	4,560



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

PARKING SHED
 BOQ-C/FP-2

CIVIL WORK - (CSR-2012)

PARKING SHED

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	60	1,610
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" guage. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	127	11,959
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
8.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				
	a) Foundation / Raft	Per Cft	337.00	205	69,085
	b) Plinth beam	Per Cft	337.00	50	16,850



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

PARKING SHED
 BOQ-C/P-3

CIVIL WORK - (CSR-2012)

PARKING SHED

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
12	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	57	19,893
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	15	75,026
9	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	25	978
7	FLOORING Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	415	11,139
1	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work up to plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	365	45,972



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

PARKING SHED
 BOQ-C/FP-4

CIVIL WORK - (CSR-2012)				PARKING SHED	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
11.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	321	3,435
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	287,473

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.6.1: Ancillary Building - Civil Works - Foundation Plinth

PARKING SHED
 BOQ-GFP-5

CIVIL WORK - NON-SCHEDULE ITEMS				PARKING SHED	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/- 500/-	55	2,750/- 27,500/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	2,750/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)

2,750/-



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.7.1: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)				PARKING SHED	
S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 3/4" gauge (Page No. 16, Item No. 6(a)I) a) Beams / Lintels	Per Cft	337.00	146	49,202
	b) Slab / Projections	Per Cft	337.00	419	141,203
1.2	(II) Ratio (1:1-1/2:3) (Page No. 16, Item No. 6(a)II) Columns above plinth level	Per Cft	349.00	71	24,779
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	31	155,053
3	PLASTERING				
1.1	Cement Sand Plaster 1:4 upto 12' height (a). 1/2" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	830	18,239
1.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	330	9,952



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.7.1: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

PARKING SHED

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
4	FLOORING				
4.1	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c)				
	a) in floor (plain)	%Sft	3,275.50	1,050	34,393
5	PAINTING WORKS				
5.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54, Item No 24-c).				
		%Sft	1,079.65	830	8,961
5.2	Weather Coat Preparing the surface and painting with weather coat l/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)				
		%Sft	2,567.95	330	8,474
6	MISCELLANEOUS				
6.1	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.				
		%Sft	5,310.35	800	42,483
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	492,739

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.7.1: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULED ITEMS			PARKING SHED		
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	150/-	100	15000/- ✓
TOTAL COST OF CIVIL WORKS - NON-SCHEDULED ITEM				*	15000/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

SUB STATION
 BOQ-C/FP-1

CIVIL WORK - (CSR-2012)

SUB STATION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Earth Work Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	1,400	1,059
2	Excavation Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	3,400	10,799
3	Termite Proofing				
3.1	Providing Anti-termmite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	160	6,416
3.2	Providing Anti-termmite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	1,400	13,636
4	Back Filling Surplus Earth				
4.1	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	2,100	3,176
5	Earth Filling ouside Earth				
5.1	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22)	%0Cft	3,630.00	4,400	15,972
5.2	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (18 times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,814.04	4,400	7,982



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

SUB STATION
 BOQ-CFP-2

CIVIL WORK - (CSR-2012)

SUB STATION

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	280	7,515
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" guage. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	678	63,842
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>				
6.1	(i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" guage [Page No. 16, Item No. 6(a)]				
a)	Foundation / Raft	Per Cft	337.00	761	256,457
b)	Plinth beam	Per Cft	337.00	360	121,320



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

SUB STATION
 BOQ-C/FP-3

CIVIL WORK - (CSR-2012)

SUB STATION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	106	36,994
9	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	60	300,102
10	Pucca Brick Work in Foundation Pucca brick work in foundation and plinth in Cement Sand Mortar (1:6). [Page No. 20, Item No. 4-I (e)] <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	11,948.36	400	47,793
11	Plain Cement Concrete Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6. (Page No. 16 Item No. 5-h) Situ <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	574	72,295
12	Vertical Centering for Situ Erection and removal of centering for FCC or plain cement concrete works of (PARTIAL WOOD) (Page No. 18 Item No. 19-b-ii)	% Sft	3,127.41	1,200	37,529



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Head # 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)

SUB STATION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Damp Proof Course 2" thick Damp Proof Course with cement sand and shingle concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 28/b) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Sft	3,912.85	192	7,513
14	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	1,150	8,948
17	FLOORING				
71	Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	809	21,714
72	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	561	70,658
23	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	700	7,490
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	1,084,124

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub-Head # 3.8.1: Ancillary Building - Civil Works - Foundation Plinth

SUB STATION
 BOQ-C/FP-5

CIVIL WORK - NON-SCHEDULE ITEMS SUB STATION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/4 500/-	220	110000/- 110000/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					* 110000/-

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Building)



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SINDH



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.B.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

SUB STATION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(I). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle ¼" to ½" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels	Per Cft	337.00	605	203,885
	b) Slab / Projections	Per Cft	337.00	900	303,300
	c) Walls	Per Cft	337.00	20	6,740
	d) Window Sill	Per Cft	337.00	10	3,370
1.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns above plinth level	Per Cft	349.00	228	79,572
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	84	420,143
3	Pucca Brick Work In Super Structure				
3.1	Pacca brick work in ground floor in Cement Sand Mortar (1:6). [Page No. 21, Item No. 5-I(e)]				
	a) 9 inch thick wall	%Cft	12,674.36	1,963	248,798
	b) 4-1/2 thick wall	%Cft	12,674.36	25	3,169



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

SUB STATION

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
4	PLASTERING				
4.1	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	1,228	26,986
4.2	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	4,150	125,154
4.3	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	1,554	46,865
5	FLOORING				
5.1	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c) a) for floor	%Sft	3,275.50	1,700	55,684
6	DOORS / WINDOWS				
6.1	Aluminium Sliding Windows Supplying and fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) including handles stoppers & locking arrangement etc.complete Deluxe model (Bronze) (Page No. 108, Item No. 85-b)	Per Sft	1,449.69	185	268,193
6.2	G.I Door Frame Providing & fixing G.I frames chokhat of size 7" x 2" or 4-1/2" x 3" for door using 20 gauge G.I.sheet i/c welded hinges and fixing at site with necessary hold fasts,filling with cement sand slurry of 1:6 ratio and repairing the jambs.The cost also i/c all carriage,tools and plants used in making and fixing. (Page No. 93, Item No. 29)	Per Rft	228.90	60	13,734
6.3	Glazing with glass panes (24 oz to 26 oz) using putty and deodar wooden 1st class fillets (in fan light over door, etc.) (Page No. 64, Item No. 46)	Per Sft	163.90	185	30,322



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

SUB STATION

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6.4	Wooden Beading to Door Providing and fixing with sunk iron screws wooden Architrave of approved design/shape having width not less than 2-1/2" inches as directed by Engineer incharge. (Page No.66 Item No.60)	Per Rft	49.97	170	8,495
6.5	Door Lock Providing and fixing approved quality rim lock adjustable, over the style surface. (Page No.60 Item No.20)	Each	408.14	3	1,224
6.6	Iron Grill to Windows Providing and fixing iron steel grill using solid square bar of size 1/2" x 1/2" placed at 4" c/c and frame of flat iron patti of 3/4" x 1/4" i/c circle shape at 1-0 apart equivalent fitted with screws or pins i/c, painting 3 coats with 1st coat of red oxide paint etc. (Page No. 94, Item No.30)	Per Sft	194.16	185	35,920
7	PAINTING WORKS				
7.1	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54, item No 24-c).	%Sft	1,079.65	1,228	13,258
7.2	Matt Finish Paint Preparing the surface and painting with Matt finish paint i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B).	%Sft	3,444.38	4,150	142,942
7.3	Weather Coat Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	1,554	39,906



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

SUB STATION

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
7.4	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + E)	%Sft	1,449.14	400	5,797
8	MISCELLANEOUS				
8.1	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	2	1,050
8.2	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoo sa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	1,400	74,345
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	862,887

* This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.2: Ancillary Building - Civil Works - Ground Floor.

CIVIL WORK - NON-SCHEDULE ITEMS

SUB STATION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and laying on step tread pre-polished 1" thick white marble slab with nosing of full length laid in grey cement over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment, with finishing, cleaning etc. complete in any floor.	P. Sft	300/-	190	57000/- ✓
2	Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor. a) For Vanity wash basin / pantry	P. Sft	650/-	20	13000/- ✓
3	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, including 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of applying solignum coating (Timberton or equivalent), and approved tower bolts, etc. complete in all respect as per drawing, specification and as per directed by Engineer Incharge in any floor.	P. Sft	500/-	84	42000/- ✓
4	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	150/-	520	78000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.8.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

SUB STATION

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P.Sft	175/-	160	28000/-
6	Providing and fixing steel Louvered Door, Ventilator as per drawing, specification and instruction of the Engineer.	P.Sft	310/-	412	127720/-
7	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	475/-		Only Rate required
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					* 345720/-

* This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Head # 3.9.1: Ancillary Building - Civil Works - Foundation Plinth

H.T.ROOM
 BOQ-C/FP-1

CIVIL WORK - (CSR-2012)

H.T.ROOM

#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	Earth Work				
	Jungle Clearance and removing within 100 ft. (Page No.95, Item No. 4-a light)	%Sft	75.63	290	219
	Excavation				
	Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5'-0"ft. in ordinary soil. (Page No.4, Item No.18-b)	%0Cft	3,176.25	764	2,427
	Termite Proofing				
	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc. as per directions of Engineer Incharge. (Page No.109 Item No.91)	Per Rft	40.10	60	2,406
	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along reached perches or entrance etc,complete as per directions of Enginner Incharge. (Page No.109 Item No.92)	Per Sft	9.74	290	2,825
	Back Filling Surplus Earth				
	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and lift upto 5 ft (Page No.4, Item No.21)	%0Cft	1,512.50	480	726
	Earth Filling outside Earth				
	Filling watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 ft (Page No. 4, Item No. 22)	%0Cft	3,630.00	535	1,942
	Extra for every 50 ft. lead or part thereof for earth work (soft, ordinary, hard and very hard). Considering 900 ft. extra lead. (Times @ 100.78) (Page No. 2, Item No. 8-b)	%0Cft	1,811.04	535	971



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.9.1: Ancillary Building - Civil Works - Foundation Plinth

CIVIL WORK - (CSR-2012)				H.T.ROOM	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Stone filling dry hand packed as filling under foundation. (Page No. 31, Item No. 16)	%Cft	2,684.00	65	1,745
7	Plain Cement Concrete Cement concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8 (Page No. 15, Item No. 4-b) <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	%Cft	9,416.28	94	8,851
8	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
a)	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects. <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>				
8.1	(I) Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]	Per Cft	337.00	106	35,722
	a) Foundation / Raft				
	b) Plinth beam	Per Cft	337.00	74	24,938
8.2	(II) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)II] Columns upto plinth level <i>Note:</i> <i>Use S.R cement for work upto plinth level.</i> <i>Difference in cost for using S.R cement will be paid separately.</i>	Per Cft	349.00	28	9,772



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Job Head # 3.9.1: Ancillary Building - Civil Works - Foundation Plinth

H.T.ROOM
 BOQ-C/FP-3

CIVIL WORK - (CSR-2012)

H.T.ROOM

Sl	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also include removal of rust from bars)				
b)	TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	20	100,034
	Plain Cement Concrete Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate) without shuttering Ratio 1:3:6. (Page No. 16 Item No. 5-h)				
	Situ Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Cft	12,595.00	135	17,003
	Vertical Centering for Situ Erection and removal of centering for RCC or plain cement concrete works of (PARTAL WOOD) (Page No. 18 Item No. 19-b-ii)	% Sft	3,127.41	300	9,382
	Damp Proof Course 2" thick Damp Proof Course with cement sand and single concrete 1:2:4 including 2 coats of asphaltic mixture. (Page No. 19, Item No. 2B/b)				
	Note: Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.	%Sft	3,912.85	37	1,448
	Bitumen Coating Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	250	1,945
	FLOORING Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	2,684.00	115	3,087



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.9.1: Ancillary Building - Civil Works - Foundation Plinth

H.T.ROOM
 BOQ-C/FP-4

CIVIL WORK - (CSR-2012)

H.T.ROOM

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
17.2	CC 1:3:6 (Sub Floor) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio 1:3:6 (Page No. 16, Item No. 5-h) <i>Note:</i> <i>Use S.R cement for work upto plinth level. Difference in cost for using S.R cement will be paid separately.</i>	%Cft	12,595.00	76	9,572
17.3	Polythene Sheet Providing and laying single per layer of polythene sheet 0.13 mm thick for water proofing as per specification and instruction of Engineer incharge. (Page No 38, Item # 38)	P.Sft	10.70	206	2,204
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	237,219

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.9.1: Ancillary Building - Civil Works - Foundation Plinth

H.T.ROOM
 BOQ-C/FP-5

CIVIL WORK - NON-SCHEDULE ITEMS

H.T.ROOM

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Extra for using SR Cement (Sulphate resistant cement) instead of OP Cement (Ordinary portland cement) in concrete upto Plinth level.	P. Bag	50/- 500/-	45	2,250/- 22500/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					* 22500/- ✓

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)

2,250/-



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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.9.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

H.T.ROOM

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Reinforced Cement Concrete Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	(a). R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
1.1	(i). Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle ¼" to ¼" gauge [Page No. 16, Item No. 6(a)]				
	a) Beams / Lintels.	Per Cft	337.00	70	23,590
	b) Slab / Projections	Per Cft	337.00	161	54,257
	c) Walls	Per Cft	337.00	20	6,740
	e) Window Sill	Per Cft	337.00	5	1,685
1.2	(ii) Ratio (1:1-1/2:3) [Page No. 16, Item No. 6(a)]				
	Columns above plinth level	Per Cft	349.00	61	21,289
2	Steel Reinforcement Fabrication of mild steel reinforcement for cement concrete including cutting, bending laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) (Page No. 17, Item No. 8-a)				
	b) TOR Steel (Page No. 17, Item No. 8-b)	Cwt	5,001.70	15	75,026
3	Pucca Brick Work in Super Structure				
1.1	Pacca brick work in ground floor in Cement Sand Mortar (1:6) (Page No. 21, Item No. 5-(e))				
	a) 9 inch thick wall	%Cft	12,674.36	165	20,913
	b) 4-1/2 thick wall	%Cft	12,674.36	15	1,901



Client: Health Department, Government of Sindh
 Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Head # 3.9.2: Ancillary Building - Civil Works - Ground Floor

H.T.ROOM

CIVIL WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
PLASTERING					
41	Cement Sand Plaster 1:4 upto 12' height (a). 3/4" thick (Ceiling) (Page No. 52, Item No. 11-a)	%Sft	2,197.52	145	3,186
42	Cement Sand Plaster 1:4 upto 12' height (b). 3/4" thick (internal walls) (Page No. 52, Item No. 11-b)	%Sft	3,015.76	814	24,548
43	Cement Sand Plaster 1:4 upto 12' height (c). 3/4" thick (external face) (Page No. 52, Item No. 11-c)	%Sft	3,015.76	1,063	32,058
FLOORING					
51	2" thick C.C Floor Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No.42, Item No.16-c)	%Sft	3,275.50	110	3,603
a)	for Ramp)	%Sft	3,275.50	140	4,586
b)	in floor (plain)	%Sft	3,275.50	140	4,586
PAINTING WORKS					
61	Distemper Preparing surface and painting with distemper paint three coats. (Page No.54,item No 24-c).	%Sft	1,079.65	145	1,565
62	Matt Finish Paint Preparing the surface and painting with Matt finish paint 1/c rubbing the surface with Baitry (silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture,applying First coat premix, making the surface smooth and than painting 3 coats with matt finish of approved make etc.complete on New surface (including 2nd & subsequent coat). (Page No.55, item No 36-A + B + B).	%Sft	3,444.38	814	28,037
63	Weather Coat Preparing the surface and painting with weather coat 1/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of paris and then painting with weatner coat of approved make (including 2nd & subsequent coat) (Page No.56 Item No.38-A + B + B)	%Sft	2,567.95	1,063	27,297



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.9.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - (CSR-2012)

H.T.ROOM

S#	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
64	Enamel Painting Preparing the surface and painting with enamel paint (including 2nd & subsequent coat) (Page No.73, Item No.31-A + B + B)	%Sft	1,449.14	200	2,898
7	MISCELLANEOUS				
71	Reinforced cement concrete spout including fixing in position with top and bottom khuras. (Page No. 19 Item No.27)	Each	524.98	2	1,050
72	Single layer of tiles 9" x 4-1/2" x 2" laid over 4" earth 1" mud plaster without Bhoosa grouted with cement sand 1:3 on top of RCC slab provide with 34 Lbs. Bitumen coating sand plinded.	%Sft	5,310.35	322	17,099
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	351,329

This Amount is carried over to sub-summary of Civil Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.9.2: Ancillary Building - Civil Works - Ground Floor

CIVIL WORK - NON-SCHEDULE ITEMS

H.T.ROOM

S #	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1	Providing and making counters for following use comprising of 2" thick RCC slab, 2' wide with 7" down pardi on front, 3/4" thick prepolished white marble slab with nosing (one piece) of approved quality, laid over 1:4 cement mortar on RCC slab, prepolished 3/8" thick white marble on front pardi with 1:3 cement sand mortar base including making holes for wash basin, sink, curing etc. complete as shown on the drawings, specifications and as directed by the Engineer Incharge at any floor. a) For Vanity wash basin / pantry	P. Sft	659/-	60	39000/- ✓
2	Providing and laying plinth protection comprising 3" thick (1:2:4) cement concrete floor steel trowelled finished laid in panels using SRC including 4" thick compacted stone soling curing etc; complete in all respect as shown on the drawings and as directed by the Engineer Incharge.	P. Sft	150/-	100	15000/- ✓
3	Providing and laying 1-1/2" to 2" thick precast coping using screened graded bajri 3/4" and down gauge 1:2:4 in precast coping and cornice of walls moulded to design as per required size including the cost of reinforcement pins complete in all respect as per drawing and instruction of the Engineer.	P.Sft	175/-	75	13125/- ✓
4	Providing and fixing steel Louvered Door, Ventilator as per drawing, specification and instruction of the Engineer.	P.Sft	310/-	105	32550/- ✓
5	Supplying and fixing gypsum board ceiling comprising imported 8' x 4' x 12mm thick gypsum board and metal suspension system including wastage cartage to site, etc. complete as per drawings and as directed by the Engineer in any floor.	P. Sft	475/-		Only Rate required
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					99675/- ✓

This Amount shall be carried over to sub-summary of Civil Work (Ancillary Buildings)



ANCILLARY
Sum. Plumbing

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

ANCILLARY BUILDINGS

SUB-SUMMARY OF PLUMBING WORKS (ANCILLARY BUILDINGS)

Particular	Amount of Schedule Items	Amount of Non Schedule	Total Amount
		Items	
Musafir Khana	178,381	75,220.00 ✓	---
Morgue House	49,947	146,155.00 ✓	---
Laundry	20,381	- ✓	---
Abution Area	96,359	47,620.00 ✓	---
Cafeteria	157,152	198,910.00 ✓	---
Amount of Schedule & Non Schedule Items	502,220	---	---
.....2. % Above / Below / At Par	10,044.40 ✓	---	---
Total Amount of Schedule & Non Schedule Items	492,175.60 ✓	467,905.00 ✓	---
Total Amount of Plumbing Works			** 960,080.60 ✓

** This amount shall be carried over to Summary of Ancillary Buildings



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.1: Ancillary Building - Plumbing Works

MUSAFIR KHANA

PLUMBING WORK - (CSR-2012)					
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble.	Each	6,166.60	2	12,333
2	EUROPEAN W.C Providing & Fixing Euepean type white glazed earthen ware wash down w.c pan complete with & i/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & folir for pipe connection & making good in cement concrete 1:2:4.(Page # 2 Item # 4)	Each	5,339.40	2	10,679
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & i/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern).(Page No.3 Item No.8,9)	Each	4,253.70	4	17,015
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or cloured glazed (Foreign or Eulvalant.)(Page # 3 Item # 11)	Each	2,533.47	4	10,134
5	PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)	Each	447.15	12	5,366



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.1: Ancillary Building - Plumbing Works

MUSAFIR KHANA

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	6	10,029
7	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the carb. C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item # 1 (i))	Each	1,220.67	2	2,441
8	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	2	1,688
9	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of 122 meter or 400 ft.	Rft	12.00	20	240
a)	1/2 inch dia (Page # 24, Item # 6a)	Rft	19.00	100	1,900
b)	3/4 inch dia (Page # 24, Item # 6b)	Rft	27.00	50	1,350
c)	1 inch dia (Page # 24, Item # 6c)	Rft	33.00	50	1,650
d)	1-1/4 inch dia (Page # 24, Item # 6d)				
10	MUSLIM SHOWER Supplying and fixing C.P Muslim Shower with double Bib-cock & ring Pipe etc. complete.(Page # 19, Item # 19-A)	Each	3,432.00	4	13,728



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.10.1: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	3/4 inch dia (Page # 18,Item # 6 ii)	Each	290.84	1	291
b)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	2	637
c)	1-1/4 inch dia (Page # 18,Item # 6 iv)	Each	510.84	4	2,043
12	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-ib)	Each	337.52	4	1,350
13	CANCEALED STOP COCK Supplying / Fixing cancea'ed stop cock of superior quality with c.p head 1/2" dia C.P fittings of Superior quality for tiles Bath Rooms.(Page # 18, Item # 11-B)	Each	509.74	12	6,117
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	4	12,716
15	SHOWER Providing & Fixing jet shower with rcd of superior quality with c.p head 1/2" dia. (Page # 19 item # 15)	Each	1,142.24	4	4,569
16	BATH ROOM ACCESSORIES SET				
16.1	Supplying & Fixing Bath room accessories set(7 piece) towel road, brush holder soaptray shelf of approved design l/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	2	20,645
16.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	226.00	80	18,080



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.10.1: Ancillary Building - Plumbing Works

MUSAFIR KHANA

PLUMBING WORK - (CSR-2012)

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
16.3	Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 Item No.6-h).	Rft	334.00	70	23,380
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM				*	178,381

* This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.1: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS				MUSAFIR KHANA	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT

1 PPRC PIPES

Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maxphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).

a	½ inch (12 mm) Dia Pipe.	Rft	95/-	20	1900/- ✓
b	¾ inch (20 mm) Dia Pipe.	Rft	115/-	100	11500/- ✓
c	1 inch (25 mm) Dia Pipe.	Rft	130/-	50	6500/- ✓
d	1¼ inch (32 mm) Dia Pipe.	Rft	140/-	50	7000/- ✓

2 GYESER

Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity

		Each	25000/-	1	25000/- ✓
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3 GAS WORK

M.S. PIPE ½" Ø
 Providing & fixing low pressure gas M.S pipe 13 mm (½") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

		Rft	70/-	20	1400/- ✓
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4 M.S. PIPE ¾" Ø

Providing & fixing low pressure gas M.S pipe 20 mm (¾") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

		Rft	80/-	30	2400/- ✓
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5 M.S. PIPE 1" Ø

Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.

		Rft	99/-	80	7920/- ✓
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MUSAFIR KHANA
BOQ-P-6

Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.10.1: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

MUSAFIR KHANA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	800/-	2	1600/- ✓✓
7	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1000/-	2	2000/- ✓✓
8	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	4000/-	2	8000/- ✓✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM				*	75220/- ✓✓

* This Amount shall be carried over to sub-summary of Plumbing Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.2: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MORGUE HOUSE

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	<p>ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble.</p>	Each	6,166.60	1	6,167
2	<p>WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & l/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (Page No.3 Item No.8,9)</p>	Each	4,253.70	1	4,254
3	<p>PEDESTAL Providing & Fixing earthen ware Pe-destal white or cloured glazed (Foreign or Euivalent.)(Page # 3 Item # 11)</p>	Each	2,533.47	1	2,533
4	<p>PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)</p>	Each	447.15	3	1,341
5	<p>FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)</p>	Each	1,671.58	1	1,672



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.10.2: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the carb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24,Item #1 (i))	Each	1,220.67	1	1,221
7	TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)	Each	843.92	3	2,532
8	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of122 meter or 400 ft.				
	a) 1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	10	120
	b) 3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	15	285
	c) 1 inch dia (Page # 24,Item # 6c)	Rft	27.00	20	540
9	MUSLIM SHOWER Supplying and fixing C.P Muslim Showeer with double Bib cock & ring Pipe etc. complete.(Page # 19, Item # 19-A)	Each	3,432.00	1	3,432
10	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
	a) 3/4 inch dia (Page # 18,Item # 6 ii)	Each	290.84	1	291
	b) 1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	1	318
11	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	1	3,179



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.2: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
12	BATH ROOM ACCESSORIES SET				
12.1	Supplying & Fixing Bath room accessories set(7 piece) towel rod, brush holder soaptray shelf of approved design i/c cos of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	1	10,322
12.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	226.00	15	3,390
12.3	Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	334.00	25	8,350
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM				*	49,947

* This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.2: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	PPRC PIPES Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maxphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).				
a	1/2 inch (12 mm) Dia Pipe.	Rft	95/-	10	950/-
b	3/4 inch (20 mm) Dia Pipe.	Rft	115/-	15	1725/-
c	1 inch (25 mm) Dia Pipe.	Rft	135/-	20	2600/-
2	DOUBLE GAS BURNER Providing and fixing double gas burner superior quality made of stainless steel with rail cock l/c making gas connection as approved by the Engineer In charge as required.	Each	5500/-	2	11000/-
3	GYESER Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity	Each	25000/-	1	25000/-
4	GAS WORK				
4.1	M.S. PIPE 1/4" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required l/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	80/-	1	80/-
5	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	800/-	1	800/-
6	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1000/-	1	1000/-



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.2: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
7	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	4000/-	1	4000/-
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM				*	146155/-

* This Amount shall be carried over to sub-summary of Plumbing Work (Ancillary Buildings)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.3: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

LAUNDRY

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	4	6,686
9	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	25	300
b)	3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	30	570
c)	1 inch dia (Page # 24,Item # 6c)	Rft	27.00	60	1,620
d)	1-1/4 inch dia (Page # 24,Item # 6d)	Rft	33.00	20	660
11	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	1	318
b)	1-1/4 inch dia (Page # 18,Item # 6 iv)	Each	510.84	1	511
12	BIB COCK Supplying and fixing in position C.P Bib cock -b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-ib)	Each	337.52	2	675
16.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 Item No.6-h).	Rft	226.00	40	9,040
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM					20,381

Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)

FOR
DETAILS



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.4: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

ABLUTION AREA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 1B/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(!!) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble.	Each	6,166.60	4	24,666
2	EUROPEAN W.C Providing & Fixing European type white glazed earthen ware wash down w.c pan complete with & /c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & follr for pipe connection & making good in cement concrete 1:2:4.(Page # 2 Item # 4)	Each	5,339.40	1	5,339
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & /c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (Page No.3 Item No.8,9)	Each	4,253.70	2	8,507
4	PEDESTAL Providing & Fixing earthen ware Pe destal white or cloured glazed (Foreign or Euivalant.)(Page # 3 item # 11)	Each	2,533.47	2	5,067
5	PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)	Each	447.15	10	4,472



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.4: Ancillary Building - Plumbing Works

ABLUTION AREA

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)	Each	1,671.58	4	6,686
7	GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the karb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24,Item #1 (i))	Each	1,220.67	2	2,441
8	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	20	240
b)	3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	50	950
c)	1 inch dia (Page # 24,Item # 6c)	Rft	27.00	10	270
9	SLUICE VALVE Fixing of sluice valve with 2- cast iron tailpiece,one end flanged and other with socket including the cost of nuts bolts and rubber packing, labour etc complete 3" dia (Page # 12 item# 11 a)	Each	1,254.00	2	2,508
9	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	4	1,273
b)	1-1/4 inch dia (Page # 18,Item # 6 iv)	Each	510.84	4	2,043



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.4: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

ABLUTION AREA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-ib)	Each	337.52	2	675
11	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	2	6,358
12	BATH ROOM ACCESSORIES SET				
12.1	Supplying & Fixing Bath room accessories set(7 piece) towel rod, brush holder soaptray shelf of approved design i/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	1	10,322
12.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	226.00	20	4,520
12.3	Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	334.00	30	10,020
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM				*	96,359

* This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.4: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

ABLUTION AREA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	PPRC PIPES Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maxphalt composition wrapped tightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).	Rft	130/-	70	9100/- ✓
2	GYESER Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity	Each	25000/-	1	25000/- ✓
3	GAS WORK M.S. PIPE 1/2" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	70/-	20	1400/- ✓
4	M.S. PIPE 3/4" Ø Providing & fixing low pressure gas M.S pipe 20 mm (3/4") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	80/-	30	2400/- ✓
5	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	90/-	80	7200/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of TIHQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.4: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS				ABLUTION AREA	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	GAS COCK 1/2" Ø Providing and fixing brass gas cock 13 mm (1/2") dia as required	Each	800/-	1	800/-
7	GAS COCK 3/4" Ø Providing and fixing brass gas cock 20 mm (3/4") dia as required	Each	1000/-	1	1000/-
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM				*	47620/-

* This Amount shall be carried over to sub-summary of Plumbing Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

PLUMBING WORK - CSR-2012)

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	ORISSA W.C Providing and fixing orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth & floor and making good in cement concrete 1:2:4.(II) With 4" dia earthen ware trap and plastic thumble. (Page # 2, Item # 3-A-ii)trap and plastic thumble.	Each	6,166.60	2	12,333
2	EUROPEAN W.C Providing & Fixing Euirepan type white glazed earthen ware wash down w.c pan complete with & i/c cost of white/ black plastic seat (Best quality) & lid with c.p brass hinges best quality and buffer 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia. and curing & making requisite number of hole in walls, plinth & follr for pipe connection & making good in cement concrete 1:2:4.(Page # 2 item # 4)	Each	5,339.40	2	10,679
3	WASH BASIN Providing and fixing 24" x 18" lavatory basin white glazed earthen ware complete with & i/c the cost W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern).(Page No.3 Item No.8,9)	Each	4,253.70	2	8,507
4	PEDESTAL Providing & Fixing earthen ware Pedestal white or cloured glazed (Foreign or Euivalent.)(Page # 3 item # 11)	Each	2,533.47	2	5,067
5	PVC CONNECTION Providing and fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (Page # 6, Item # 23)	Each	447.15	16	7,154



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	<p>STEEL SINK Providing and fixing steel sink stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" c.p. rubber plug chrome plated brass chain, 1-1/2" c.p. brass waste, with 1-1/2" P.V.C waste pipe & making requisite number of holes in wall and plinth and floor for pipe connection and making good in cement concrete 1:2:4. Steel Sink stainless sized 40" x 20" standard Pattern. (Page # 6, Item # 19)</p>	Each	5,052.30	3	15,157
7	<p>FLOOR TRAP Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including cast of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (Page # 6 Item # 21)</p>	Each	1,671.58	7	11,701
8	<p>GULLY TRAP Providing & fixing 6" x 4" gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2" thick cement plaster (1:3) to the karb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (Inside) etc. complete. Earthen ware glazed gully trap 6" x 6" x 4" with C.I cover & frame (page # 24, Item # 1 (i))</p>	Each	1,220.67	2	2,441
9	<p>TEE STOP COCK Supply/Fixing concealed tee-stop cock of superior quality with c.p head 1/2" dia. (Page # 18, Item # 12-A)</p>	Each	843.92	1	844



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

PLUMBING WORK - (CSR-2012)				CAFETERIA	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	uPVC PIPE Providing ,Laying uPVC pipes of class 'D' fixing in trench i/c cutting,fitting and jointing with solvent cement i/c testing with water to ahead of122 meter or 400 ft.				
a)	1/2 inch dia (Page # 24,Item # 6a)	Rft	12.00	80	960
b)	3/4 inch dia (Page # 24,Item # 6b)	Rft	19.00	100	1,900
c)	1 inch dia (Page # 24,Item # 6c)	Rft	27.00	80	2,160
d)	1-1/4 inch dia (Page # 24,Item # 6d)	Rft	33.00	100	3,300
e)	1-1/2 inch dia (Page # 24,Item # 6e)	Rft	43.00	30	1,290
11	MUSLIM SHOWER Supplying and fixing C.P Muslim Showeer with double Bib cock & ring Pipe etc. complete.(Page # 19, Item # 19-A)	Each	3,432.00	2	6,864
12	GATE VALVE Providing & fixing ball valve (with unsoldered copper ball) made to BBS 1212				
a)	1 inch dia (Page # 18,Item # 6 iii)	Each	318.34	3	955
b)	1-1/4 inch dia (Page # 18,Item # 6 iv)	Each	510.84	3	1,533
13	BIB COCK Supplying and fixing in position C.P Bib cock.-b) 1/2" dia C.P bib cock, Standard pattern.(Page 16, Item # 2-ib)	Each	337.52	2	675
14	BASIN MIXTURE Supply/fixing wash basin mixture of superior quality with c.p head 1/2" dia. (Page No.19 Item No.14-b)	Each	3,179.00	2	6,358
15	SINK MIXTURE Supply/fixing sink mixture cock of superior quality with c.p head etc complete.(Page No.19 Item No.17)	Each	2,745.60	2	5,491



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

CAFETERIA

PLUMBING WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
16	BATH ROOM ACCESSORIES SET				
16.1	Supplying & Fixing Bath room accessories set(7 piece) towel rack, brush holder soap tray shelf of approved design i/c cost of screws,nuts etc complete.(Master Brand) (age #19 item #23)	Each	10,322.40	1	10,322
16.2	Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	226.00	80	18,080
16.3	Providing and laying 4" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h).	Rft	334.00	70	23,380
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM				*	157,152

* This Amount is carried over to sub-summary of Plumbing Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works.

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	PPRC PIPES Providing and fixing PPRC Pipes and specials, etc.; including fixing, cutting and fitting, complete with and including the cost of cutting trench upto 2'-6" feet deep, refilling watering, ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes and specials after cleaning and hessian cloth soaked in maxphalt composition wrapped lightly round the pipes and testing to a pressure head of 200 feet and cartage within 10 miles (16.09 km).				
a	½ inch (12 mm) Dia Pipe.	Rft	95/-	80	7600/- ✓
b	¾ inch (20 mm) Dia Pipe.	Rft	115/-	100	11500/- ✓
c	1 inch (25 mm) Dia Pipe.	Rft	130/-	80	10400/- ✓
d	1¼ inch (32 mm) Dia Pipe.	Rft	140/-	100	14000/- ✓
e	1-½ inch (50 mm) dia pipe.	Rft	175/-	30	5250/- ✓
2	DOUBLE GAS BURNER Providing and fixing double gas burner superior quality made of stainless steel with rail cock i/c making gas connection as approved by the Engineer In charge as required.				
		Each	55000/-	2	110000/- ✓
3	GYESER Supplying and Fixing Gas water gyeser, complete with burner pilot, thermostate and safety valve, 68 liter capacity				
		Each	25000/-	1	25000/- ✓
4	GAS WORK M.S. PIPE ½" Ø Providing & fixing low pressure gas M.S pipe 13 mm (1/2") dia (medium) with spacial such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.				
		Rft	70/-	20	1400/- ✓



COMPANY

Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.10.5: Ancillary Building - Plumbing Works

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	M.S. PIPE ¾" Ø Providing & fixing low pressure gas M.S pipe 20 mm (¾") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	80/-	50	4000/- ✓
6	M.S. PIPE 1" Ø Providing & fixing low pressure gas M.S pipe 25 mm (1") dia (medium) with special such as bend, tee, union and socket etc as required i/c cleaning, applying primer coating with BBES compound and warping with fibre glass, welding complete.	Rft	99/-	40	3960/- ✓
7	GAS COCK ½" Ø Providing and fixing brass gas cock 13 mm (½") dia as required	Each	800/-	1	800/- ✓
8	GAS COCK ¾" Ø Providing and fixing brass gas cock 20 mm (¾") dia as required	Each	1000/-	1	1000/- ✓
9	GAS LAMP Providing and Fixing Gas lamp best quality including all fitting etc complete as approved by the Engineer	Each	4000/-	1	4000/- ✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM					* 19890/- ✓

* This Amount shall be carried over to sub-summary of Plumbing Work (Ancillary Buildings)

[Handwritten Signature]



ANCILLARY
Sum. Electric.

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

ANCILLARY BUILDINGS

SUB-SUMMARY OF ELECTRICAL WORKS (ANCILLARY BUILDINGS)

Particular	Amount of Schedule Items	Amount of Non Schedule	Total Amount
		Items	
Musafir Khana	358,077	364,900.00 ✓	----
Morgue House	21,188	100,100.00 ✓	----
Laundry	94,939	291,000.00 ✓	----
Masjid & Ablution Area	225,301	512,800.00 ✓	----
Cafeteria	147,624	410,700.00 ✓	----
Sub Station	69,663	222,450.00 ✓	----
Guard Room	62,333	117,300.00 ✓	----
Amount of Schedule & Non Schedule Items	979,125	----	----
..... 2.5% Above / Below / At-Per	24,478.13 ✓	----	----
Total Amount of Schedule & Non Schedule Items	954,646.88 ✓	2,019,250.00 ✓	----
Total Amount of Electrical Works			** 2,973,896.88 ✓

* * This amount shall be carried over to Summary of Ancillary Buildings.



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.1: Ancillary Building - Electrical Works

MUSAFIR KHANA

ELECTRICAL WORK - (CSR-2012)					
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-71.044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no.6	Per Mter.	613.00	260.00	159,380.00
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-71.052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Mter.	858.00	120.00	102,960.00
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	24.00	19,128.00
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	30.00	29,550.00
5	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	3.00	453.00
6	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	8.00	1,296.00
7	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	10.00	720.00
8	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	14.00	44,590.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					358,077

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.1: Ancillary Building - Electrical Works

MUSAFIR KHANA

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
-----	-------------	------	------	-----	--------

I- Wiring & Accessories.

- | | | | | | |
|---|--|-------|--------|-------|-----------|
| 1 | Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing. | Point | 5000/- | 4.00 | 20000/- ✓ |
| 2 | Same as above schedule item No. 1 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing. | Point | 2000/- | 15.00 | 30000/- ✓ |
| 3 | Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing. | Point | 7000/- | 4.00 | 28000/- ✓ |
| 4 | Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing. | Point | 2500/- | 4.00 | 10000/- ✓ |
| 5 | Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing. | No. | 600/- | 6.00 | 3600/- ✓ |
| | b) 2 Gang switch | No. | 700/- | 4.00 | 2800/- ✓ |
| | c) 3 Gang switch | No. | 800/- | 10.00 | 8000/- ✓ |
| | d) 4 Gang switch | | | | |



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.1: Ancillary Building - Electrical Works

MUSAFIR KHANA

CIVIL WORK - NON-SCHEDULE ITEMS					
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing. a) 10 Amps 3-pin switch & socket outlet	No.	1000/-	4.00	4000/- ✓
7	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.	No.	1000/-	14.00	14000/- ✓
II-Fixtures:					
8	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.	No.	3000/-	4.00	12000/- ✓
9	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with hift polished reflector, Philips type FCS-120 or approved equivalent.	No.	200/-	64.00	128000/- ✓
10	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W	No.	1500/-	3.00	4500/- ✓

H



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.1: Ancillary Building - Electrical Works

MUSAFIR KHANA

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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III- Distribution Boards & Earthing:

11 Supply, installation, connecting, testing and commissioning of wall mounting/ Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per drawing with all respects.

a) LPDB-MK

Set 50000/- 1.00 50000/- ✓

b) 20A DP Box

Set 50000/- 1.00 50000/- ✓

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM

* 364900/- ✓

* This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.2: Ancillary Building - Electrical Works

MORGUE HOUSE

ELECTRICAL WORK - (CSR-2012)					
S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	15.00	11,955.00
2	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	2.00	1,970.00
3	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00
4	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	2.00	324.00
5	Providing and fixing bakelite ceiling rose with two terminals. Schedule item 228 page no.33	Per No	72.00	6.00	432.00
6	Providing and fixing brass Ceiling fan 48" (good quality). Schedule item 234 page no.34	Per No	3,020.00	1.00	3,020.00
7	Providing and fixing brass Ceiling fan 56" (good quality). Schedule item 235 page no.34	Per No	3,185.00	1.00	3,185.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM					21,188

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.2: Ancillary Building - Electrical Works

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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I- Wiring & Accessories.

1	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	500/-	2.00	1000/- ✓
2	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	7000/-	1.00	7000/- ✓
3	Same as above item No. 2 but power plug outlet to outlet, complete as per specifications and drawing.	Point	2500/-	1.00	2500/- ✓
4	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.	No.	500/-	3.00	1500/- ✓
	a) 1 Gang switch	No.	600/-	1.00	600/- ✓
	b) 2 Gang switch	No.	700/-	1.00	700/- ✓
	c) 3 Gang switch	No.	800/-	1.00	800/- ✓
	d) 4 Gang switch				



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.2: Ancillary Building - Electrical Works

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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5 Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.
 a) 10 Amps 3-pin switch & socket outlet

No. 1000/- 2.00 2000/- ✓

6 Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

No. 1000/- 3.00 3000/- ✓

II- Fixtures:

7 Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.

No. 3000/- 1.00 3000/- ✓

8 Supply, installation, connecting testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

No. 2000/- 5.00 10000/- ✓

9 Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W

No. 1500/- 2.00 3000/- ✓

10 Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects.
 a) GMP-136 with 1x36W TLD Lamp

No. 1500/- 4.00 6000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.2: Ancillary Building - Electrical Works

MORGUE HOUSE

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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11 III- Distribution Boards & Earthing:
 Supply, installation, connecting, testing and commissioning of wall mounting/ Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per drawing with all respects.
 a) 20A TP Box

Set 50000/- 1.00 50000/-

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM				*	100/00/-
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* This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.3: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)				LAUNDRY	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-71.052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Mter.	858.00	50.00	42,900.00
2	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.17	Per Point	797.00	27.00	21,519.00
3	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	6.00	5,910.00
4	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00
5	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	9.00	1,458.00
6	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	10.00	720.00
7	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	1.00	3,020.00
8	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	6.00	19,110.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	94,939

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Job Head # 3.11.3: Ancillary Building - Electrical Works

LAUNDRY

CIVIL WORK - NON-SCHEDULE ITEMS

#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1- Wiring & Accessories.

1 Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.

Point 5000/- 3.00 15000/- ✓

2 Same as above schedule item No. 1 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.

Point 2000/- 6.00 12000/- ✓

3 Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.

Point 7000/- 5.00 35000/- ✓

Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing.

Point 2500/- 3.00 7500/- ✓

Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.

No. 600/- 5.00 3000/- ✓

b) 2 Gang switch

No. 700/- 2.00 1400/- ✓

c) 3 Gang switch

No. 800/- 1.00 800/- ✓

d) 4 Gang switch

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.3: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

LAUNDRY

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing. a) 10 Amps 3-pin switch & socket outlet	No.	1000/-	10.00	10000/- ✓
7	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.	No.	1000/-	10.00	10000/- ✓
	II- Fixtures:				
8	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.	No.	3000/-	2.00	6000/- ✓
9	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No.	2000/-	3.00	6000/- ✓
10	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W	No.	1500/-	3.00	4500/- ✓
	Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects.				
	a) GMP-136 with 1x36W TLD Lamp	No.	1500/-	11.00	16500/- ✓
	b) GMP-236 with 2x36W TLD Lamps	No.	3500/-	4.00	14000/- ✓



Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Head # 3.11.3: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

LAUNDRY

DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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III- Distribution Boards & Earthing:

Supply, installation, connecting, testing and commissioning of wall mounting/ Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent, complete as per drawing with all respects.
 a) LPDB-LA

Set 50000/- 1.00 50000/- ✓

Providing and fixing Copper Rod having conical end to be buried after providing 3" dia hole in ground at a depth of 12' -0' or less if water comes out from the ground level, including providing earth powder fixing copper rod, including earth clamp, earth leads 2x 4SWG in 2" dia G.I. pipe, complete as per drawing with all respects.

Set 60000/- 1.00 60000/- ✓

IV- Telephone & TV Antenna:

Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.

Rft. 25/- 60.00 2100/- ✓

Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.

Rft. 70/- 60.00 4200/- ✓

Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.

No. 1500/- 2.00 3000/- ✓

Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing.

Set 30000/- 1.00 30000/- ✓

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM

* 291000/- ✓

This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)



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Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 3.11.4: Ancillary Building - Electrical Works

MASJID & ABLUTION

ELECTRICAL WORK - (CSR-2012)

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no.6	Per Mter.	613.00	60.00	36,780.00
2	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Mter.	858.00	30.00	25,740.00
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	78.00	62,166.00
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	6.00	5,910.00
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	6.00	906.00
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	2.00	324.00
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	20.00	1,440.00
9	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	2.00	6,040.00
10	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	27.00	85,995.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	225,301

This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.4: Ancillary Building - Electrical Works

MASJID & ABLUTION

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
I- Wiring & Accessories.					
1	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC complete as per specification and drawing.	Point	500/-	7.00	3500/- ✓
2	Same as above schedule item No. 1 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.	Point	200/-	30.00	6000/- ✓
3	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	700/-	3.00	2100/- ✓
4	Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing.	Point	250/-	1.00	250/- ✓
5	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.	No.	500/-	1.00	500/- ✓
	a) 1 Gang switch	No.	600/-	1.00	600/- ✓
	b) 2 Gang switch	No.	700/-	17.00	11900/- ✓
	c) 3 Gang switch	No.	800/-	6.00	4800/- ✓
	d) 4 Gang switch				



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THC Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.4: Ancillary Building - Electrical Works

MASJID & ABLUTION

CIVIL WORK - NON-SCHEDULED ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.	No.	500/-	6.00	3000/- ✓
	a) 10 Amps 3-pin switch & socket outlet	No.	1000/-	4.00	4000/- ✓
	b) 13 Amps 3-pin (Simplex) outlet				
7	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.	No.	1000/-	20.00	20000/- ✓
	II- Fixtures:				
8	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.	No.	3000/-	2.00	6000/- ✓
9	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No.	2000/-	54.00	108000 ✓
10	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W	No.	1500/-	12.00	18000/- ✓
11	Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects.	No.	2000/-	6.00	12000/- ✓
	a) GMP-136 with 1x36W TLD Lamp				



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.4: Ancillary Building - Electrical Works

MASJID & ABLUTION

CIVIL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
III- Distribution Boards & Earthing:					
12	Supply, installation, connecting, testing and commissioning of wall mounting/ Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per drawing with all respects.	Set	50000/-	1.00	50000/- ✓
	a) LPDB-M	Set	50000/-	1.00	50000/- ✓
	b) 15A TP Box				
13	Providing and fixing Copper Rod having conical end to be buried after providing 3" dia hole in ground at a depth of 12' -0" or less if water comes out from the ground level, including providing earth powder fixing copper rod, including earth clamp, eath leads 2x 4SWG in 2" dia G.I. pipe, complete as per drawing with all respects.	Set	60000/-	1.00	60000/- ✓
IV. Telephone & TV Antenna:					
14	Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft.	35/-	300.00	10500/- ✓
15	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.	Rft.	1000/-	1.00	1000/- ✓
16	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	4.00	4000/- ✓
17	Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	30000/-	1.00	30000/- ✓
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM					* 512800/- ✓

This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.5: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)				CAFETERIA	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Mter.	858.00	50.00	42,900.00
2	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	54.00	43,038.00
3	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	10.00	9,850.00
4	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00
5	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	6.00	972.00
6	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	10.00	720.00
7	Providing and fixing brass Ceiling fan 48" (good quality) Schedule item 234 page no.34	Per No	3,020.00	2.00	6,040.00
8	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	12.00	38,220.00
9	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	2.00	5,582.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	147,624

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.5: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
I- Wiring & Accessories.					
1	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	5000/-	6.00	30000/- ✓
2	Same as above schedule item No. 1 wiring of light point from point to point with 1.5 sq.mm single core PVC insulated wire 300/500 volts grade single core, complete as per specifications and drawing.	Point	2000/-	16.00	32000/- ✓
3	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	7000/-	4.00	28000/- ✓
4	Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing.	Point	2500/-	2.00	5000/- ✓
5	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.				
	a) 1 Gang switch	No.	500/-	3.00	1500/- ✓
	b) 2 Gang switch	No.	600/-	7.00	4200/- ✓
	c) 3 Gang switch	No.	700/-	4.00	2800/- ✓
	d) 4 Gang switch	No.	800/-	4.00	3200/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.5: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

CAFETERIA

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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6 Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.

No. 700/- 10.00 7000/- ✓

a) 10 Amps 3-pin switch & socket outlet

No. 1000/- 6.00 6000/- ✓

7 Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.

No. 1000/- 14.00 14000/- ✓

II- Fixtures:

8 Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.

No. 3000/- 8.00 24000/- ✓

9 Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.

No. 2000/- 2.00 4000/- ✓

10 Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W

No. 1500/- 4.00 6000/- ✓

11 Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects.

No. 1500/- 26.00 39000/- ✓

a) GMP-136 with 1x36W TLD Lamp

No. 3500/- 15.00 52500/- ✓

b) GMP-236 with 2x36W TLD Lamps

PROJECT DIRECTOR



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.5: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

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S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
III- Distribution Boards & Earthing:					
12	Supply, installation, connecting, testing and commissioning of wall mounting/ Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P, MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per drawing with all respects. a) LPDB-KIT	Set	50000/-	1.00	50000/- ✓
13	Providing and fixing Copper Rod having conical end to be buried after providing 3" dia hole in ground at a depth of 12' -0' or less if water comes out from the ground level, including providing earth powder fixing copper rod, including earth clamp, earth leads 2x 4SWG in 2" dia G.I. pipe, complete as per drawing with all respects.	Set	60000/-	1.00	60000/- ✓
IV- Telephone & TV Antenna:					
14	Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft.	35/-	100.00	3500/- ✓
15	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.	Rft.	60/-	100.00	6000/- ✓
16	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	2.00	2000/- ✓
17	Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	30000/-	1.00	30000/- ✓
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM				*	410700/- ✓

This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.6: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)

SUB STATION

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-7/052 (10mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 41 page no.6	Per Mter.	858.00	50.00	42,900.00
2	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	24.00	19,128.00
3	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	2.00	1,970.00
4	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00
5	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	9.00	1,458.00
6	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	10.00	720.00
	Providing and fixing brass Ceiling fan 56" (good quality) Schedule item 235 page no.34	Per No	3,185.00	1.00	3,185.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	69,663

* This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.6: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

SUB STATION

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
I- Wiring & Accessories.					
1	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	5000/-	3.00	15000/- ✓
2	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	7000/-	5.00	35000/- ✓
3	Same as above item No. 2 but power plug outlet to outlet, complete as per specifications and drawing.	Point	2500/-	4.00	10000/- ✓
4	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.	No.	600/-	7.00	4200/- ✓
	b) 2 Gang switch	No.	1000/-	2.00	2000/- ✓
	d) 4 Gang switch	No.	1000/-	2.00	2000/- ✓
	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.	No.	1000/-	2.00	2000/- ✓
	a) 10 Amps 3-pin switch & socket outlet	No.	1000/-	2.00	2000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Head # 3.11.6: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

SUB STATION

#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.	No.	1000/-	1.00	1000/- ✓
	II- Fixtures: Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W	No.	2000/-	6.00	12000/- ✓
	Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects.				
	a) GMP-136 with 1x36W TLD Lamp	No.	1500/-	2.00	3000/- ✓
	b) GMP-236 with 2x36W TLD Lamps	No.	3500/-	15.00	52500/- ✓
	III- Distribution Boards & Earthing: Supply, installation, connecting, testing and commissioning of wall mounting/ Recessed distribution board should be factory assembled ready wired and complete as per detail drawing. The short circuit rating should be 15 KA for T.P. MCCB and 10KA for S.P. mcb and Breaker should be Terasaki make Japan or approved equivalent., complete as per drawing with all respects.				
	a) LPDB-SS	Set	50000/-	1.00	50000/- ✓
	IV- Telephone & TV Antenna: Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft.	35/-	50.00	1750/- ✓
	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.	Rft.	60/-	50.00	3000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.6: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

SUB STATION

S#	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
12	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	1.00	1000/- ✓
13	Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	30000/-	1.00	30000/- ✓
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM				*	222450/- ✓

* This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.7: Ancillary Building - Electrical Works

ELECTRICAL WORK - (CSR-2012)

GUARD ROOM

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing & Laying (Main or Sub Main) PVC Insulated with size 4-71.044 (6mm ²) copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Schedule item 40 page no.6	Per Mter.	613.00	60.00	36,780.00
3	Wiring for light or fan point with 3/029 PVC insulated wire in 20mm (3/4") P/C conduit recessed in the wall or column as required. Schedule item 124 page no.15	Per Point	797.00	16.00	12,752.00
4	Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. Schedule item 126 page no.15	Per Point	985.00	2.00	1,970.00
6	Providing and fixing three pin 5Amps plug and socket flush type. Schedule item 226 page no.33	Per No	151.00	2.00	302.00
7	Providing and fixing three pin 10/15 Amps plug and socket flush type. Schedule item 227 page no.33	Per No	162.00	4.00	648.00
8	Providing and fixing bakelite ceiling rose with two terminals Schedule item 228 page no.33	Per No	72.00	10.00	720.00
9	Providing and fixing brass Ceiling fan 16" (good quality) Schedule item 235 page no.34	Per No	3,185.00	2.00	6,370.00
10	Providing and fixing brass Bracket fan 18" (good quality) Schedule item 236 page no.34	Per No	2,791.00	1.00	2,791.00
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				*	62,333

This Amount is carried over to sub-summary of Electrical Work (Ancillary Buildings)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.7: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

GUARD ROOM

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
I- Wiring & Accessories.					
1	Wiring for light circuit from distribution board to light control switch board and board to board with 2x2.5 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in given 3/4" or 1" PVC conduit, including all conduit wiring accessories such as bend, socket, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core PVC insulated (Green) wire as ECC, complete as per specification and drawing.	Point	5000/-	2.00	10000/- ✓
2	Wiring of power plug from distribution to 3-pin 13/15Amps power plug outlet with 2x4 sq.mm single core PVC insulated wire 300/500 volts grade single core stranded copper conductor wire in 3/4" or 1" PVC conduit with all accessories such as bend, sockets, reducer, JBs, pull box etc., recessed in wall, column, roof etc., including 2.5 sq.mm single core (Green) insulated wire as ECC, complete as per specification & drawing.	Point	7000/-	2.00	14000/- ✓
3	Same as above item No. 3 but power plug outlet to outlet, complete as per specifications and drawing.	Point	2500/-	2.00	5000/- ✓
4	Supply, installation, connecting, testing & commissioning of following 10Amps polycarbonate flame retardant S.P. switch with fancy required gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per specification and drawing.				
	b) 2 Gang switch	No.	600/-	2.00	1200/- ✓
	d) 4 Gang switch	No.	800/-	2.00	1600/- ✓
5	Supply, installation, connecting, testing & commissioning of flush type following lighting and power plug with 3-pin switch and socket combine unit with neon bulb "Clipsal make" fixed on plastic or fiber top covered, including 14 SWG metal board with earth terminal recessed in wall or column, complete as per specification and drawing.				
	a) 10 Amps 3-pin switch & socket outlet	No.	1000/-	2.00	2000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.7: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

GUARD ROOM

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Supply, installation, connecting, testing & commissioning of 400 watt Fan dimmer polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column "Clipsal make" or approved equivalent, complete as per drawing.	No.	1000/-	2.00	2000/- ✓
II- Fixtures:					
7	Supply, installation, connecting, testing & commissioning of 30 Cm (12") sweep metallic body Exhaust Fan complete with blades, motor, etc., fitted in existing hole including connecting with 14/0076" flexible wire. The fan should be Millat make or approved equivalent, complete as per specification and drawing.	No.	3000/-	2.00	6000/- ✓
8	Supply, installation, connecting, testing and commissioning of surface mounting Down light fixture with 1x18 watt compact fluorescent lamp with high polished reflector, Philips type FCS-120 or approved equivalent.	No.	2000/-	2.00	4000/- ✓
9	Supply, installation, connecting, testing & commissioning of wall mounting weather proof Bulk-head light fixture with aluminum reflector with 60W GLS lamp Pierlite 302015 oval 60W	No.	1500/-	6.00	9000/- ✓
10	Supply, installation, connecting, testing & commissioning of following fluorescent light fixture Philips type or approved equivalent, complete in all respects. a) GMP-136 with 1x36W TLD Lamp	No.	1500/-	2.00	3000/- ✓
III- Distribution Boards & Earthing:					
11	Supply, installation, connecting, testing and commissioning of wall/ Recessed mounted 15Amps T.P. Box, complete as per drawing with all respects.	Set	9000/-	2.00	18000/- ✓
IV- Telephone & TV Antenna:					
12	Supply and installation of PVC 3/4" or 1" PVC conduit to be installed recessed in wall, beam ceiling, column and partially under floor as shown on drawing, as required for telephone & Antenna wiring, complete with all respects.	Rft.	35/-	100.00	3170/- ✓

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 HEALTH DEPARTMENT
 KAMBER



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 3.11.7: Ancillary Building - Electrical Works

CIVIL WORK - NON-SCHEDULE ITEMS

GUARD ROOM

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Supply, installation, connecting, testing and commissioning of 2 -Pair telephone cable Pony Japan make or approved equivalent, complete as per specification and drawing.	Rft.	60/-	100.00	6000/- ✓
14	Supply, installation, connecting, testing and commissioning of Duplex Telephone outlets FCC standard Clipsal make or approved equivalent.	No.	1000/-	2.00	2000/- ✓
15	Supply, connecting, testing & commissioning of 6 pair termination block enclosed in sheet steel box, complete as per specification and drawing.	Set	30000/-	1.00	30000/- ✓
TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM				*	117300/- ✓

* This Amount shall be carried over to sub-summary of Electrical Work (Ancillary Buildings)



EXTERNAL DEVELOPMENT



UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUMMARY OF EXTERNAL DEVELOPMENT

S. No.	Particular	Bill of Quantities		Total Amount
		Amount		
1.	Cost of Civil Works	43,257,628.75	✓	---
2	Cost of Plumbing Works	8,266,790.95	✓	---
3	Cost of Electrical Works	40,758,029.69	✓	---
Total Amount of External Development				*** 92,282,449.39 ✓

Note : *** This amount shall be carried over to Grand Summary




EXT. DEV.
Sum. Civil

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUB-SUMMARY OF CIVIL WORKS (EXTERNAL DEVELOPMENT)

S. No.	Particular	Amount of Schedule Items	Amount of Non Schedule Items	Total Amount
4.1.1	Road / Walkway / Lawn	36,566,059	665,100.00 ✓	---
4.1.2	Underground Tank	2,863,451	86,500.00 ✓	---
4.1.3	Septic / Soakage Pit	2,869,617	296,500.00 ✓	---
	Amount of Schedule & Non Schedule Items	42,299,126	---	---
	.....0.2% Above / Below / At Par	86,598.25	---	---
	Total Amount of Schedule & Non Schedule Items	42,299,126	1,043,100.00	---
Total Amount of Civil Works				*** 43,257,628.75 ✓

Note : ** This amount shall be carried over to Summary of External Development



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
A	Road Works				
1	Making Embankment of earth from borrow pits i/c laying in 6" thick layers, clod breaking, ramming dressing complete lead upto 100 ft. lift upto 5' (ordinary soil). (Page No.1, Item No.5)	%Cft	2208.37	160,200	353,781
2	Earth work compaction by sheep foot roller and power roller with optimum moisture content. A) For 95-100% modified AASHTO Density [Page No. 2, Item No. 7(a)]	%Cft	3975.35	160,200	636,851
3	Preparation of sub-grade including earth ecavation or filling to an average depth of 9" dressing to camber and consolidation with power roller. (Page No. 2, Item No.9)	%Sft	526.28	60,500	318,399
4	Preparing sub-base course by supplying and spreading stone metal 1-1/2" to 2" guage of approved quality from approved quarry in required thickenss to proper camber and grade including hand packing filling voids with 20 cft of pit/canal sand having plasticity index not more than 6% of suitable quslity watering and compacting to achieve 98-100% denaity as per modified AASHO specification (Rate includes all cost of materials T&P and carriage upto 3 chains) (Page No.3 Item No.11-a)	%Cft	4381.76	45,400	1,989,319
5	Providing and laying Aggregate base course in proper grade and camber having CBR 80% asper AASHTO standard specification including spreading and compaction by approved mechanical means (Motor grader, vibratory roller and smooth wheel roller etc.) watering to maintain the moisture content the compaction of each layer shall 100 percent to the max dry density (rate including all cost of materials T&P and carriage upto 3 chains). (Page No.5, Item No.13-b)	%Cft	5542.24	30,240	1,675,973



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THC Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Applying priming coat or tact coat with approved binder at the required rate including cleaning the road surface throughly, heating to the required temperature and spraying the bincer with pressure as directed etc. complete. (Page No.12 Item No.31)	%Sft	64.96	60,500	39,301
7	2" thick Aspahlit Concrete Wearing Course Plant Mix: Laying to proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic/Electronic control) Prepared to specified fomula according to job mix formula approved by Engineer incharge including rolling and finishing to properline, grade level and camber etc.(Machinery with POLs cost of material carriage). (Page No.10 Item No.24-B)	%Sft	8274.73	60,500	5,006,212
8	Providing and fixing precast Edge Block 3750 PSI industrial Made size 6 inches thick x 12 inches long x 12 inches high including the cost of cartage, excavation form work for haunching 1450 PSI lean concrete, 2250 PSI concrete for haunching 1:4 cement sand mortar. (Page No.16 Item No.14)	Rft	297.01	9,240	2,744,372
9	Pavement Marking in reflective Tharmo plastic paint for Lines of 6" width. (Page No.15 Item No.13)	Rft	41.24	950	39,178
TOTAL COST OF "A"					12,803,387

Jmk

APPROVED
DATE



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

RWL
 BOQ-C-3

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
B Walk Way					
1	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. Ratio 1:4:8 [Page No.16, Item No.5(i)]	%Cft	11288.75	6,500	733,769
2	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. Ratio 1:3:6 (Page No.16, Item No.5-h)	%Cft	12595.00	4,700	591,965
3	Laying soft soil / sand in 6" layers, levelling, dressing & watering for compaction etc. complete. (Page No.18, Item No.24-b(b))	%0Cft	354.00	3,350	1,186
4	Providing and fixing cement paving blocks flooring having size of 197 x 97 x 80 (mm) of city / quddra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc. complete. (Page No.50, Item No.74)	Sft	248.17	10,600	2,630,602
5	Dry brick paving laid flat, sand grouted including preparation of bed by watering remming and bringing the same to proper camber by 1/2" thick mud plaster. (Page No.40, Item No.4)	%Sft	2607.36	7,000	182,515



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Dry brick on edge paving sand grouted including preparation of bed by watering ramming and bringing the same to proper camber by 1/2" thick mud plaster. (Page No.40, Item No.5)	%Sft	3823.57	2,000	76,471
TOTAL COST OF "B"					4,216,508



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
C Green Lawn					
1	Lavelling, dressing and making lawns. (Page No.103, Item No.42)	%Sft	181.50	98,500	178,778
2	P/L Cow dung manure (Page No.104, Item No.44)	%Cft	289.12	16,750	48,428
3	Turfing slopes of banks or lawns with grass sods including ploughing laying, setting and watering (Turf got from within a distance of 5 miles and maintenance for 15 days) (Page No.5, Item No.27)	%Sft	1210.00	98,500	1,191,850
TOTAL COST OF "C"					1,419,055



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
D	Boundary Wall				
1	Excavation in foundation of Building Birdges and other structures including dagblling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In ordinary soil [Page No.4, Item 18(b)]	%Cft	3176.25	52,600	167,071
2	Cement concrete plain including placing compacting, finishing and curring, complete (including screening and washing at stone aggregate without shuttering). Foundation Lean Ratio 1:4:8 [Page No.16, Item No.5(i)]	%Cft	11288.25	6,000	677,295
3	Cement concrete plain including placing compacting, finishing and curring, complete (including screening and washing at stone aggregate without shuttering). SITU Ratio 1:3:6 [Page No.16, Item No.5(h)]	%Cft	12595.00	4,520	569,294
4	Cement concrete plain including placing compacting, finishing and curring, complete (including screening and washing at stone aggregate without shuttering). PCC Coping Ratio 1:2:4 [Page No.16, Item No.5(f)]	%Cft	14429.25	1,000	144,293
5	Erection and removal of centering for R.C.C or plain cement concrete works of Partal Wood (2nd Class) [Page No.18, Item No.19(b)-ii]	%Sft	3127.41	15,500	484,749



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
6	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) a) R.C Work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) Ratio (1:2:4) 90 Lbs cement 2 Cft Sand 4 Cft. Single 1/8" to 1/4" gauge. [Page No.17, Item No.6(a)-i]				
	A) R.C.C Footing	Cft	337.00	7,610	2,564,570
	B) RCC Plinth Beam	Cft	337.00	5,400	1,819,800
	C) RCC Column	Cft	337.00	4,200	1,415,400
7	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust) (b) Using Tor bars [Page No.17, Item No.8(b)]				
		Cwt	5001.70	922	4,611,567
8	Bitumen coating to plastered or cement concrete surface. (Page No.71, Item No.9)				
		%Sft	778.09	44,900	349,362
9	Pacca brick walling laid in 1:3 cement sand mortar reinforced with 1" wide 18 gauge hoop iron: (II) 4-1/2" thick walling with hoop iron bounding 12" apart (clading). [Page No.25, Item No.20(ii)]				
		%Sft	5840.16	1,950	113,883



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

RWL
 80Q-C-8

CIVIL WORK - (CSR-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	Pacca brick walling laid in 1:3 cement sand mortar reinforced with 1" wide 18 gauge hoop iron: (IV) 3" thick walling with hoop iron bounding 12" apart (cladding). [Page No.25, Item No.20(iv)]	%Sft	4207.28	2,700	113,597
11	Pacca brick work in ground floor (masonry) [Page No.21, Item No.5(l)-a]	%Cft	12674.36	11,650	1,476,563
12	Cement plaster 1:6 upto 12' height (c) 3/4" thick [Page No.52, Item No.13(c)]	%Sft	2590.50	52,800	1,367,784
13	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick / sand Paper, filling the voids with chalk / plaster of Paris and then painting with weather coat of approved make. (3 Coats) [Page No.56, Item No.38(a) & (b)]	%Sft	2567.95	52,800	1,355,878
14	Fabrication of heavy steel work with angles, tees, flat iron, round iron and sheet iron for making trusses, girders, tands etc. including cutting, drilling riveting , handling assembling and fixing but excluding erection in position. M.S Fence [Page No.91, Item No.2]	Cwt	4928.49	67	330,209
15	Painting New Surfaces Preparing surface and painting guard bars, gates of iron bars, gratings, railings (including standards braces, etc.) and similar open work. (3 Coats of Enamel Paint) [Page No.70, Item No.5(d)- i & II]	%Sft	1270.83	1,100	13,979



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradat on of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - (CSF-2012)

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
16	Providing and laying HALA or pattern tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (Page No.48, Item No.61)	%Sft	47651.56	670	319,265
17	Making & fixing steel grated door with 1/16" thick sheeting including angle iron frame 2"x2" 3/8" and 3/4" square bars 4" centre to centre with locking arrangement. (Page No.92, Item No.24)	Sft	726.72	320	232,550
TOTAL COST OF "D"					18,127,109

TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM	*	36,566,059
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* This Amount is carried over to sub-summary of Civil Work (External Development)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.1: External Development - Civil Works

CIVIL WORK - NON-SCHEDULE ITEMS

ROAD / WALKWAY / LAWN

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and spreading sweet earth 9" thick 1/c leveling & dressing etc. complete.	Cft	9.00/-	73,900	665100/-
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	665100 ✓

* This Amount shall be carried over to sub-summary of Civil Work (External Development)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - (CSR-2012)

UNDERGROUND TANK

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	EARTH WORK				
	Jungle Clearance and removing within 100 ft A) (Page No.95, Item No. 4a light)	%Sft	75.63	950	718
2	EXCAVATION IN SOFT SOIL				
2.1	Excavation for tank and reservoir in soft soils i/c trimming and dressing sides to true alignment/design section/profiles and shap levelling of beds of trenches to correct level and grade i/c laying of earth in 6"layer for construction of banks and dressing and disposal of surplus earth.Excavation earth within a one chain as directed by Engineer incharge i/c providing fenceguards, light,flags and temporary crossings for nonvehicular traffic where ever required lift upto 5'ft.(1.52m)and lead upto one chain(30.5m) PageNO.67 Item No.1	%0Cft	3,000.00	4,115	12,345
2.2	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 5'0"ft to 8'-0" (Page No.67,74 Item No.1, 16	%0Cft	3,550.00	2,470	8,769
2.3	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 8'-0"ft to 11'-0" (Page No.67,74,74 Item No.1,16,16	%0Cft	4,100.00	2,470	10,127
2.4	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 11'-0"ft to 14'-0" (Page No.67,74,74,74Item No.1,16,16,16	%0Cft	4,650.00	2,470	11,486
3	IMPORTED EARTH FILLING				
3.1	Filling watering and ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22) lead 5 feet.	%0Cft	3,630.00	1,500	5,445
4	BITUMEN COATING				
4.1	Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	1,350	10,504



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - (CSR-2012)

UNDERGROUND TANK

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	BILLING OR PUMPING				
5.1	Bailling or pumping out sub soil water during excavation concreting cost in situ concrete or masonry work in foundation etc.(Page No.75 Item No.18)	%Cft	543.00	10,000	54,300
6	CC 1:4:8				
6.1	Cement concrete brick or stone ballast 1-1/2" to 2" gauge. (Page No. 16, Item No. 5-i) Ratio 1:4:8	%Cft	11,288.75	412	46,510
7	CC 1:2:4 (FINISH FLOOR)				
7.1	Cement concrete plain including placing compacting, finishing and curing complete including screening and washing of stone aggregate without shuttering. (Page No. 16, Item No. 5-F) Ratio 1:2:4	%Cft	14,429.25	1,065	153,672
8	PUCCA BRICK WORK				
8.1	Pacca brick work in ground floor in; (Specs. 21.1 Cement Sand Mortar (1:6). [Page No. 21, Item No. 5(c)]	%Cft	13,227.41	480	63,492
9	REINFORCED CEMENT CONCRETE				
9.1	Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering. (Page No. 16, Item No. 6)	Cft	337.00	3,100	1,044,700
(a).	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
(i).	Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 3/4" gauge [Page No. 16, Item No. 6(a)]				



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - (CSR-2012)

UNDERGROUND TANK

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
11	STEEL REINFORCEMENT				
11.1	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) [Page No. 17, Item No. 8-a Tor bar	Cwt	4,820.20	40	192,808
	(b) TOR Steel	Cwt	5,001.70	200	1,000,340
12	1/2" THICK SURFACE RENDERING				
12.1	Cement Sand Plaster 1:4 upto 20' height (Specs. 25.1-25.6) (a). 1/2" thick (Page No. 52, Item No. 11-b)	%Sft	2,283.93	2,285	52,188
13	3/4" THICK SURFACE RENDERING				
13.1	Cement Sand Plaster 1:4 upto 20' height (Specs. 25.1-25.6) (a). 3/4" thick (Page No. 52, Item No. 11-c)	%Sft	3,015.76	1,940	58,506
14	DISTEMPER				
14.1	Preparing surface and painting with distemper paint Three coats. (iii) Page No.54, item No 24-c).	%Sft	1,079.65	532	5,744
15	PLASTIC EMULSION				
15.1	Preparing the surface and painting with Plastic emulsion paint of approved make l/c rubbing the surface with sand paper filling the voids with chalk/plaster of paris and then pating etc.complete .Page No.56,item No 40-B).	%Sft	1,659.35	1,084	17,987
16	WEATHER COAT				
16.1	Preparing the surface and painting with weather coat l/c rubbing the surface with rubbing brick/sand paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make.(page No.56 Item No.38-A)	%Sft	1,328.25	1,203	15,979
17	TERMITE PROOFING				
17.1	Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc,complete as per directions of Enginner Incharge.(Page No.109 Item No.92)	Per Sft	9.74	950	9,253



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - (CSR-2012)

UNDERGROUND TANK

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
18 ROOF TREATMENT					
18.1	Single layer of tile 9"x 4 1/2" x 2" laid over 4" earth 1" mud plaster without bosa grouted with cement sand 1:3 on top of RCC slab provide with 34 lbs bitumen coating sand blir ded.(Page No 34 Item No 5)	%Sft	5,310.35	532	28,251
19 STEEL DOOR					
19.1	Supplying and fixing special heavy type steel doors for lock-ups withn angle iron frame of 2-1/2" to 2-1/2" x3/8" size and shutter 2"x2"x3/8" with 1" diameter M.S bars placed @4" center to center with aseparte locking box having size of 12"x12" of M.steel sheet embeded in masonary with proper locking arrangement as per approved design including cost of erection of steel gate and fixing in masonry wall in cement concrete 1:2:4 etc.complete as per instructions of Engineer Incharge.(Page No.93 Item No.27)	Per Sft	930.76	51	47,469
19.2	Providing and fixing loat guage arrangments of M.S angle iron 2" x2" x 1/4" of approved design i/c painting letttrring etc complete.(Page No.55 Item No.5)	Rft	426.00	10	4,260
19.3	Providing expansion joint in concrete work of 9" wide corugated PVC waterstop (with bulb) i/c soldering cost of material and labour etc complete.(Page No.56 Item No.B-2)	Rft	86.00	100	8,600
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	2,863,451

* This Amount Is carried over to sub-summary of Civil Work (External Development)




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.2: External Development - Civil Works

CIVIL WORK - NON-SCHEDULE ITEMS				UNDERGROUND TANK	
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	STONE SOLING Providing and laying soling stone 6 inches to 9 inches size under floors including packing with spawls and chips and consolidating, compaction etc. Complete in all respect as per instructions of the Architect / Engineer-in-Charge.	P.Sft	40/-	620	24800/- ✓
2	PAINTING IRON WORK Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	P.Sft	20/-	285	5700/- ✓
3	STEEL WINDOW Providing and fixing fully glazed double leaf hung steel windows and ventilators with iron grill made to crittal or equivalent standard and of approved sections painted with two coats of red oxide paint including using approved brass section oxidized fitting, iron lugs, cutting holes and making good damages to wall etc. complete in all respect as per drawings, specifications and instructions of the Architect / Engineer up to any height and any floor.	Sft	500/-	112	56000/- ✓
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM				*	86500/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (External Development)



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of T HQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 4.1.3: External Development - Civil Works

CIVIL WORK - (CSR-2012)

SEPTIC / SOAKAGE PIT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Jungle Clearance and removing within 100 ft A) (Page No.95, Item No. 4a light)	%Sft	75.63	800	605
2	EXCAVATION IN SOFT SOIL				
2.1	Excavation for tank and reservoir in soft soils i/c trimming and dressing sides to true alignment/design section/profiles and shap levelling of beds of trenches to correct level and grade i/c laying of earth in 6"layer for construction of banks and dressing and disposal of surplus earth.Excavation earth within a one chain as directed by Engineer incharge i/c providing fenceguards, light,flags and temporary crossings for nonvehicular traffic where ever required lift upto 5'ft.(1.52m)and lead upto one chain(30.5m) PageNo.67 Item No.1	%0Cft	3,000.00	3,795	11,385
2.2	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 5'0" to 8'-0" (Page No.67,74 Item No.1,16	%0Cft	3,550.00	2,277	8,083
2.3	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 8'- 0"ft to 11'-0" (Page No.67,74,74 Item No.1,16,16	%0Cft	4,100.00	2,277	9,336
2.4	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 11'- 0"ft to 14'-0" (Page No.67,74,74,74Item No.1,16,16,16	%0Cft	4,650.00	2,277	10,588
2.5	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 11'- 0"ft to 14'-0" (Page No.67,74,74,74Item No.1,16,16,16	%0Cft	5,200.00	2,277	11,840
2.6	Add for additional lift of every three ft or part there of in item No.1 to 15(A&B) for excavation for pipelines & storage tanks trenches and pits. 11'- 0"ft to 14'-0" (Page No.67,74,74,74Item No.1,16,16,16	%0Cft	5,750.00	2,277	13,093



Name of Client: Health Department, Government of Sindh
Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
Sub Head # 4.1.3: External Development - Civil Works

CIVIL WORK - (CSR-2012)

SEPTIC / SOAKAGE PIT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
3	IMPORTED EARTH FILLING Filling watering and ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5 ft. (Page No. 4, Item No. 22) lead 5 feet.	%Cft	3,630.00	4,000	14,520
4	BITUMEN COATING Bitumen coating to plastered and cement concrete surface. (Page No. 71, Item No. 9)	%Sft	778.09	500	3,890
5	BILLING OR PUMPING Bailling or pumping out sub soil water during excavation concreting cost in situ concrete or masonry work in foundation etc.(Page No.75 Item No.18)	%Cft	543.00	40,000	217,200
6	CC 1:4:8 Cement concrete brick or stone ballast 1-1/2" to 2" guage. (Page No. 16, Item No. 5-i) Ratio 1:4:8	%Cft	11,288.75	380	42,897
7	CC 1:2:4 (FINISH FLOOR) Cement concrete plain including placing compacting, finishing and curing complete including screening and washing of stone aggregate without shuttering. (Page No. 16, Item No. 5-F) Ratio 1:2:4	%Cft	14,429.25	600	86,576
8	PUCCA BRICK WORK Pacca brick work in ground floor ir; (Specs. 21.1 Cement Sand Mortar (1:6). [Page No. 21, Item No. 5(c)]	%Cft	13,227.41	25	3,307
9.	REINFORCED CEMENT CONCRETE Reinforced Cement Concrete work including all labour and material except the cost of reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kind of forms moulds; lifting shuttering curing rendering. (Page No. 16, Item No. 6)	Cft	337.00	3,300	1,112,100
(a).	R.C. Work in Roof Slab, beams columns raft, lintels and other structural members laid in situ or				
(i).	precast laid in position complete in all respects. Ratio (1:2:4) 90 Lbs. Cement 2 Cft. Sand 4 Cft. Shingle 1/4" to 1/2" gauge [Page No. 16, Item No. 6(a)]				



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.3: External Development - Civil Works

CIVIL WORK - (CSR-2012)

SEPTIC / SOAKAGE PIT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
10	STEEL REINFORCEMENT Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including the cost of binding wire (also includes removal of rust from bars) [Page No. 17, Item No. 8-a Tor bar	Cwt	4,820.20	50	241,010
	(b) TOR Steel	Cwt	5,001.70	200	1,000,340
11	1/2" THICK SURFACE RENDERING Cement Sand Plaster 1:4 upto 20' height (Specs. 25.1-25.6) (a). 1/2" thick (Page No. 52, Item No. 11-b)	%Sft	2,283.93	1,800	41,111
12	3/4" THICK SURFACE RENDERING Cement Sand Plaster 1:4 upto 20' height (Specs. 25.1-25.6) (a). 3/4" thick (Page No. 52, Item No. 11-c)	%Sft	3,015.76	500	15,079
13	FLOORING Stone filling dry hand packed as filling under flooring. (Page No. 31, Item No. 16)	%Cft	3,300.00	360	11,880
14	TERMITE PROOFING Providing Anti-termite by Neptachlar 0.5% Emulsion as an overall per construction treatment in slab type construction under the slab and along attached perches or entrance etc, complete as per directions of Enginner Incharge. (Page No. 109 Item No. 92)	Per Sft	9.74	800	7,792
15	Providing C.I Manhole cover & frame i/c cost of material ect (Page No. 35 Item No. J-1)	Cwt	1.00	6,985	6,985
TOTAL COST OF CIVIL WORKS - SCHEDULE ITEM				*	2,869,617

* This Amount is carried over to sub - summary of Civil Work (External Development)



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.1.3: External Development - Civil Works

CIVIL WORK - NON-SCHEDULE ITEMS

SEPTIC / SOAKAGE PIT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	Providing and fixing in RCC walls M.S/ Mild steel foot rest 3/4" dia of 24 inches length and 6 inches projected respect as per instruction of engineer.	Each	4500/-	35	157500/- ✓
2	Providing goose neck Air vent pipe 4" dia U shape fixed in RCC slab with brass netting on one end.	Each	6000/-	3	18000/- ✓
SOAKGE PIT					
3	Construction of 8'-0" dia soakge pit as per drawing and specification complete in all respect as per instruction of the Engineer	Each	58000/-	2	116000/- ✓
TOTAL COST OF CIVIL WORKS - NON-SCHEDULE ITEM					* 291500/- ✓

* This Amount shall be carried over to sub-summary of Civil Work (External Development)



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EXT. DEV.
Sum. Plumbing

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUB-SUMMARY OF PLUMBING WORKS (EXTERNAL DEVELOPMENT)

S. No.	Particular	Amount of Schedule Items	Amount of Non Schedule Items	Total Amount
4.2.1	External Plumbing works	6,565,270	1,800,000.00 ✓	---
	Amount of Schedule & Non Schedule Items	6,565,270	---	---
	..... 1.52% Above / Below / At Par ✓	98,474.05 ✓	---	---
	Total Amount of Schedule & Non Schedule Items	6,466,790.95 ✓	1,800,000.00 ✓	---
Total Amount of Civil Works				** 8,266,790.95 ✓

Note : ** This amount shall be carried over to Summary of External Development




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - (CSR-2012)

EXTERNAL DEVELOPMENT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	EXCAVATION Excavation for pipe line in trenches and pit in all kind of soils of murum including trimming and dressing sides to true alignment and shape levelling of bed of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer Incharge. Providing fence guards, light, flags and temporary crossings for non-vehicular traffic where ever required lift upto 5ft (1.52m) and lead uptop one chain(30.5m) (Page No.62 Item No.5)	%oCft	4,650.00	17,800	82,770
2	BED CONCRETE Cement concrete plain including compacting finishing and curing complete including screening and washing at stone aggregate with shuttering. (Page No.16 Item No.5-i) 1:4:8	%oCft	11,288.75	1,200	135,465
3	BACK FILLING Filling, watering and ramming earth in floors with surplus earth from foundation lead upto one chain and lift upto 5ft (Page # 4 Item # 21)	%oCft	1,512.50	14,800	22,385
4	UPVC PIPE Providing laying upvc pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400 ft.				
	6" dia pipe (Page No.24 Item No.6-k)	Rft	483.00	800	386,400
	8" dia pipe (Page No.24 Item No.6-L)	Rft	737.00	950	700,150
	10" dia pipe (Page No.24 Item No.6-m)	Rft	1,364.00	300	409,200
	12" dia pipe (Page No.24 Item No.6n)	Rft	1,909.00	250	477,250



Name of Client: Health Department Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - (CSR-2012)

EXTERNAL DEVELOPMENT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
5	MANHOLE Constructing manhole for the required dia of circular sewer and 7'-9" depth with walls of BB in cement mortar 1:3 cement plastered 1:3, 1/2" thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 2'x2'(610x610 mm) of 4.5 cwt embaded in plain C.C 1:2 and two way reinforced 6" thickness i/c fixing 1"(25 mm) dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc, complete as per standard specification and drawing.(page No 47 itemNo 2-a) 4"to 9" dia 4' x 3'-0" x 7'-9"	Each	42,745.00	45	1,923,525
6	SEWERAGE CONNECTION Making connection with the existing manholes including the best of cutting holes in wall making them good in cement concrete 1:2:4 and making the required channel etc.complete.(Page No.31 Item No.3)	Each	180.00	2	360
7	WATER CONNECTION Making the connection with public Health mains for the house hold filling with M.S clamps,socket screw etc complete.(Page No.18 Item No.10 c)	Each	528.90	2	1,054
8	VALVES Providing and fixing full way gun metal balves with wheel threaded or flabged ends with rubber washer. 3" dia (Page No.17 Item No.4-b-viii)	Each	1,940.84	3	5,823
	4" dia (Page No.17 Item No.4-b-ix)	Each	3,095.84	3	9,288



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - (CSR-2012)

EXTERNAL DEVELOPMENT

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
9	MAN HOLE Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6" depth with walls of BB in cement mortar 1:3 cement plastered 1:3, 1/2" thick, inside of wall and 1" over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1'-1/2'x1'-1/2'(457x457 mm) of 1.75 cwt embaded in plain C.C 1:2:4 and two way reinforced 6" thickness i/c fixing 1"(25 mm) dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc, complete as per standard specification and drawing.(page No 47 itemNo 2-b) 4"to 12" dia 4'-6"x3'x7'-9"	Each	45,049.00	45	2,027,205
10	M H COVER Manufacturing and supplying 0' 24"RCC manhole cover cast in 1:2:4 concrete ratio 3 inch deep at center, reinforced with 1/2" dia or steel bars at 4" center to center welded to 3/16" thick 2" wide M.S plate two hook of 3/8" dia or bar including compacting including curing and transportation with in 10 miles.(Page No.31 Item No.1-b)	Each	1,051.25	90	94,613
11	WATER CONNECTION Making the connection with public Health mains for the house hold filling with M.S clamps,socket screw etc complete.(Page No.18 Item No.10 c)	Each	526.90	2	1,054
12	VALVE CHAMBER Providing chambers 15" x 9" (inside dimensions) x 24" deep for stop cocks and valve,with 4-1/2" thick burnt brick masonry walls in 1:6 CM 6"thick C.C. 1:4:8 in foundation 1/2"thick cement plaster in 1:3 C.M to all inside wall surface and to top 1" thick C.C 1:2:4 flooring complete with cast iron hinged cover and frame 9" x 3" (inside) clear opening (Wt:1/2 Qr) etc. fixed in cement concrete 1:2:4 including curing, excavation back filling and disposal of earth etc.complete. (page No.20 Item No.3	Each	2,233.02	10	22,330



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - (CSR-201?)		EXTERNAL DEVELOPMENT			
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	2" dia UPVC PIPES Providing and laying 2" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-f	Rft	65.00	1,000	65,000
14	3" dia UPVC PIPES Providing and laying 3" dia UPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h	Rft	226.00	300	67,800
15	4" dia UPVC PIPES Providing and laying 4" diaUPVC pipe of class 'D' fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 122 meter or 400ft.(Page No.24 item No.6-h	Rft	334.00	400	133,600
TOTAL COST OF PLUMBING WORKS - SCHEDULE ITEM				**	6,565,270

** This amount is carried over to Summary of External Development



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.2.1: External Development - Plumbing Works

PLUMBING WORK - NON-SCHEDULE ITEMS		EXTERNAL DEVELOPMENT			
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
1	FIRE HOSE CABINET Fire hose cabinet size 1800 mm X 900 mm X 300 mm including 65mm. X 35 m synthetic hose pipe, 20 mm size nozzle, front, breakable glass lock coupling and all other accessories as specified herein, complete in all respect as per direction of the Engineer-in-Charge.	Each	150000/-	4	600000/- ✓
2	Natural Gas networking as per drawing and instruction of the Engineer.	Job	1200000/-	L.S	1200000/- ✓
TOTAL COST OF PLUMBING WORKS - NON-SCHEDULE ITEM				*	1800000/- ✓

** This amount shall be carried over to Summary of External Development



EXT. DEV.
Sum. Electrical

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
KAMBER

SUB-SUMMARY OF ELECTRICAL WORKS (EXTERNAL DEVELOPMENT)

S. No.	Particular	Amount of Schedule Items	Amount of Non Schedule Items	Total Amount
4.3.1	External Development & Sub-Station Equipment	16,280,132	24,762,800.00 ✓	---
	Amount of Schedule & Non Schedule Items	16,280,132	---	---
	..... 1.75% Above / Below FAT Per	284,902.31	---	---
	Total Amount of Schedule & Non Schedule Items	15,995,229.69 ✓	24,762,800.00 ✓	---
Total Amount of Civil Works				** 40,758,029.69 ✓

Note : ** This amount shall be carried over to Summary of External Development




Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - (CSR-2012)		Ext. Dev. & Sub Station Equipment			
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
External Cabling:					
1	Providing & Laying (Main or Sub Main) PVC Insulated & PVC sheathed with three core copper conductor 300/500 volts size 2.5mm ² Schedule item no.65 page 8.	Per Mter.	178.00	365	64,970
2	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheathed with 4 core copper conductor 300/500 volts size 2.5mm ² Schedule item no.98 page 12	Per Mter.	252.80	100	25,280
3	same as above item but 4 mm ² pvc/pvc Schedule item no.99 page 12	Per Mter.	361.00	365	131,765
4	same as above item but 6 mm ² pvc/pvc Schedule item no.100 page 12	Per Mter.	500.00	460	230,000
5	Providing & Laying (Main or Sub Main) PVC Insulated & PVC Sheathed with 4 core copper conductor 300/500 volts size 10 mm ² Schedule item no.101 page 12	Per Mter.	742.00	460	341,320
6	Providing & Laying (Main or Sub Main) PVC insulated & PVC Sheathed with 4 core copper conductor 600/1000 volt size 13 mm ² Schedule item no.102 page 12	Per Mter.	1,300.00	275	357,500
7	same as above item but 35 mm ² pvc/pvc Schedule item no.104 page 12	Per Mter.	2,529.00	200	505,800
8	same as above item but 50 mm ² pvc/pvc Schedule item no.105 page 12	Per Mter.	3,312.00	275	910,800
9	same as above item but 95 mm ² pvc/pvc Schedule item no.107 page 13	Per Mter.	6,529.00	230	1,501,670
10	same as above item but 120 mm ² pvc/pvc Schedule item no.108 page 13	Per Mter.	8,175.00	230	1,880,250
11	same as above item but 150 mm ² pvc/pvc Schedule item no.109 page 13	Per Mter.	10,028.00	370	3,710,360
12	same as above item but 250 mm ² pvc/pvc Schedule item no.111 page 13	Per Mter.	16,294.00	250	4,073,500



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - (CSR-2012)

Ext. Dev. & Sub Station Equipment

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Providing & Laying (Main or Sub Main) PVC insulated & PVC Sheeted with 4 core Armoured copper conductor 600/1000 volts size 10 mm ² Schedule item no.112 page 13	Per Mter.	1,230.00	450	553,500
External Illumination:					
14	Providing & fixing MS Tubular pole 40 ft. long buried in the ground as per following specification 20ft. (6" dia)x 10ft (5" dia)x 10ft. (4" dia) = 40 ft. wall thickness 8SWG Base plate 16"x16"x1/4" Two coats red oxide as rust preventive. Two coats oil paint Excavation of hard/ soft soil 2'x2'x6' Lean size 2'x2'x6" with 1:4:8 ratio Co work 1:3:6 cast in situ in one mould of (1-1/2" dia), including form work, rodding, curing etc., complete with CC collar about 2ft. High from ground level duly plastered as per site requirement & instruction of EI. Schedule item no.138 page 18	Per No	30,311.00	25	757,775
15	Construction RCC foundation as per following specification & instruction of EI for 31ft./40ft. Long tubular pole. Excavation of soft/ hard soil 3'x3'x5.5' Stone soiling 3'x3'x6" making lean in the ration 1:4:8 Length of MS bolts 6-1/2" (3/4" dia) 4 no. and making thread on MS rod Template 16"x16"x1/4" Ring 1/4" dia round bar 4 nos to the welded with MS rod RCC foundation ration 1:2:4 with size 2'x2'x6'-5" Schedule item no.139 page 19	Per No	15,168.00	32	485,376
16	Manufacturing providing and fixing GI single Arm double arch as per site requirement with the help of hydraulic crane, instruction of EI with following specification GI pipe 2" dia 10SWA 5' long 2 nos MS clamps with nuts and bolts Schedule item no.144 page 21	Per No	2,866.00	25	71,650



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - (CSR-2012)		Ext. Dev. & Sub Station Equipment			
S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
17	Manufacturing providing and fixing GI double Arm double arch as per site requirement with the help of hydraulic crane and manual labor as per site requirement, instruction of EI with following specification GI pipe 2" dia 10SWA 5' long MS canopy 5" dia 1" long with nuts and bolts Schedule item no.147 page 21	Per No	3,086.00	6	18,516
18	Providing and fixing of street light 250 watts (SON-T) having IP-65 classification with 250W lamp; ckoock, capacitor and internal wiring complete in all respects at the height with the help of hydraulic crane as per site requirements and instruction of EI. Schedule item no.162 page 25	Per No	16,100.00	41	660,100
TOTAL COST OF ELECTRICAL WORKS - SCHEDULE ITEM				**	16,280,132

** This amount is carried over to Summary of External Development



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS

Ext. Dev. & Sub Station Equipment

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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1) Sub-station H.T. & L.T. Equipment:

- | | | | | | |
|---|--|-----|----------|----|-------------|
| 1 | Supply, installation, connecting, testing & commissioning of VCB H.T. 11KV with Metering Panel up to 400 amps rating 350 MVA complete with CT,s (ratio 25/5 to 100/5) PT over current and earth fault coils in conjunction with triple pole relay emergency trip system also the providing of volt meter and amps., meter with selector switches indication lamps steel sheet cabinet factory wired and painted floor mounted, complete as per WAPDA specification and in all respects and as required for WAPDA Sub-station. | Set | 210000/- | 1 | 210000/- ✓ |
| 2 | Supply, installation, connecting, testing & commissioning of VCB incoming & outgoing H.T. 11KV with Metering Panel up to 400 amps rating 350 MVA complete with CT,s (ratio 25/5 to 100/5) PT over current and earth fault coils in conjunction with triple pole relay emergency trip system also the providing of volt meter and amps., meter with selector switches indication lamps steel sheet cabinet factory wired and painted floor mounted, complete as per specification and in all respects and as required for Hospital. | Set | 210000/- | 1 | 210000/- ✓ |
| 3 | Supply, installation, connecting, testing and commissioning in-door transformer step down 11000/400 volts three phase 50 c/s 1000 KVA as per electricity code and as per WAPDA specification, complete in all respects. | Set | 600000/- | 1 | 600000/- ✓ |
| 4 | Supply, installation, connecting, testing and commissioning of indoor/outdoor 35Sq.mm to 120Sq.mm 3 core 11KV, XLPE heat shrink termination ends Kit, complete in all respects as required. | No | 300000/- | 4 | 1200000/- ✓ |
| 5 | Supply and installation of HT 11KV, 3 core 95 Sq.mm stranded copper conductor, cu tape screened PVC bedded and PVC sheathed, XLPE armoured cable, laid in existing all kind of pipes, cable duct, channels etc., as per WAPDA specification as required (without Termination) | Rft | 3000/- | 70 | 210000/- ✓ |



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS

Ext. Dev. & Sub Station Equipment

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
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6 Supply and installation of HT 11KV, 3 core 120 Sq.mm stranded copper conductor, cu tape screened PVC bedded and PVC sheathed, XLPE armoured cable, including excavation of trench laying of cable, placing of tiles, laying sand cushions back filling after placing of protective tiles etc, complete as per WAPDA specification as required (without Termination)

Rft 4000/- 550 2200000/- ✓

7 Supply, installation, connecting, testing and commissioning of 1000Amps T.P. & N Bus Tie Duct (Aprox. Length 14'-0"), complete as per specification and drawing.

Set 200000/- 1 200000/- ✓

8 Supply, installation, connecting, testing and commissioning of Floor mounting main distribution board "M-1" should be factory assembled ready wired and complete as per drawing comprising: (Incoming & outgoing breaker rupturing capacity should be 35 KA and should be Terrasaki Japan make or approved equivalent.), complete in all respects.

Incoming;

1x1600 ACB coupled with 1600Amps T.P. & N Bus bars

1x1000A & 1x1000A ACB outgoing (Elect. & Mech Interlocked) coupled with 1000Amps T.P. & N Bus bars

1x300 MCCB outgoing

One set of outgoing coupled with 1000A MCCB

3x 200 Amps MCCB

1x 150 Amps MCCB

2x100 Amps MCCB

1x60 Amps MCCB

1x30 Amps MCCB

One set of outgoing coupled with 1000A MCCB

1x 400 Amps MCCB

1x 300 Amps MCCB

2X 100 Amps MCCB

1X 60 Amps MCCB

3x 30 Amps MCCB

400 KVAR P.F.I

Set of 400KVAR PFI capacitor Bank Variable coupled with 630 Amps MCCB as shown on drawing

Complete with phase indication lamps and all metering as shown on single line diagram, complete as per specifications & drawing.

Set

400000/- 1 400000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS

Ext. Dev. & Sub Station Equipment

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
-----	-------------	------	------	-----	--------

9 Supply, installation, connecting, testing and commissioning of following Floor mounting Sub-main distribution boards should be factory assembled ready wired and complete as per drawing comprising: (Incoming & outgoing breaker rupturing capacity should be 25 KA and should be Terrasaki Japan make or approved equivalent.), complete in all respects.

a) Sub-main lighting SML-1

Set X 76000/- 1 76000/- ✓

b) Sub-main power SMP-1

Set X 82000/- 1 82000/- ✓

c) Weather proof Feeder Pillar Board FPB-1 & FPB-2

Set X 50000/- 2 100000/- ✓

II) Pipes and Earthing:

10 Providing and fixing 1" dia Copper Rod 12'-0" long having conical end to be buried after providing 3" dia hole in ground level at depth of 12'-0" or less if water comes out from the ground level, including providing back filling of earth powder, fixing copper rod, including earth clamp, earth leads 2x 70sq.mm bar copper wire in 2" dia G.I. pipe from earth pit to connecting point complete as per drawing with all respects.

Each 70000/- 12 840000/- ✓

11 Supply & installation of copper earth connecting point (ECP) 3"x18"x1/8" thick, having numbers of holes, including providing fixing rawal bolt, complete with all respects.

Each 20000/- 16 320000/- ✓

12 Providing and laying following sizes Single core PVC insulated Green Earth wire.

a) 70 sq.mm single core PVC insulated (Green)

Rft. X 800/- 1,200 960000/- ✓

b) 35 sq.mm single core PVC insulated (Green)

Rft. X 700/- 600 420000/- ✓

c) 16 sq.mm single core PVC insulated (Green)

Rft. X 600/- 500 300000/- ✓

d) 10 sq.mm single core PVC insulated (Green)

Rft. X 450/- 1,200 540000/- ✓

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Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.3.1: External Development - Electrical Works

ELECTRICAL WORK - NON-SCHEDULE ITEMS

Ext. Dev. & Sub Station Equipment

S #	DESCRIPTION	UNIT	RATE	QTY	AMOUNT
13	Supply of following uPVC pipe, including accessories as required for power cabling, complete in all respects.				
	a) 5" dia uPVC pipe	Rft.	X 150/-	1,500	225000/-
	b) 3" uPVC pipe	Rft.	X 130/-	950	123500/-
	c) 2" uPVC Pipe	Rft.	X 120/-	650	78000/-
	d) 1-1/2" uPVC Pipe	Rft.	X 110/-	350	38500/-
14	Installation of given uPVC pipe in under ground cable trench, including excavation, back filling, dully covered with sand, compacting etc., complete as per specification and drawing.	Rft.	X 150/-	1,000	150000/-
15	Construction of following sizes RCC cable draw pit, including cement, sand, CC, complete as per specification and drawing.				
	a) 3'-6"x 3'-6"x 3'-6" deep	Rft.	X 600/-	10	6000/- ✓
	b) 2'-0"x 2'-0"x 2'-0" deep	Rft.	X 500/-	6	3000/- ✓
	c) 1'-6"x 1'-6"x 1'-6" deep	Rft.	X 400/-	2	800/- ✓
	III) Generator Set:				
16	Supply of 550 KVA 3-Phase, 415V, indoor skid mounting Diesel Generator set, complete with control panel and all installation parts such as silencer, engine pipe, radiator etc., complete in all respects as per specification.	Set	1050000/-	1	1050000/- ✓
17	Installation, connecting, testing & commissioning of 550 KVA 3-Phase, 415V, indoor skid mounting Diesel Generator set, including providing and installation exhaust radiator duct and given engine exhaust pipe and silencer etc., laying and connecting given cables, connecting neutral to provided earth point, complete in all respects as per specifications and drawing.	Job	120000/-	1	120000/- ✓
18	Supply, installation, connecting, testing & commissioning of 60 KVA 3-Phase, 415V, Canopy mounted Diesel Generator set for OT load only, complete with control panel and all installation parts such as silencer, engine pipe, radiator etc., complete in all respects as per specification.	Set	180000/-	1	180000/- ✓



Name of Client: Health Department, Government of Sindh
 Name of Project: Upgradation of THQ Hospital to the level of DHQ Hospital at Kamber
 Sub Head # 4.3.1: External Development - Electrical Works

EXTERNAL DEV
 BOQ-E-

ELECTRICAL WORK - NON-SCHEDULE ITEMS

S #	DESCRIPTION	UNIT	Ext. Dev. & Sub Station Equipment		
			RATE	QTY	AMOUNT

IV) Electrical Load

- 19 Providing WAPDA load, consisting submission application for required electric load, approval of load, coordination with WAPDA including survy, obtaining estimate/ demand note, payment through bank pay order, attending, coordination between WAPDA, Electrical Inspector and payment of installation charges and security deposits to obtain electrical supply at 11 KV and provision of energy meters from WAPDA, complete with all respect.
- Job 500000/- 1 500000/-
- 20 Supply and Installation Transfer Pump for Transfer of Water from U.G.W Tank to O.H.Tank with Flow = 60gpm Head = 145ft. Complete with Bronze impeler, cast iron body with Class F Motor. Make= Lowara or approved equal. The scope of Works Include CC Pad MCC and all accessories including wiring ,conducting and earthing.
- Each X 800000/- 2 1600000/-
- 21 Supply and Installation Of Submesssible Pump for TUBE WELL of 50gpm and 150ft head including necessary filter, gate valve and electrical works. The scope of works also include necessary piping as per suction and discharge size of PPR and termination into U.G Tank complete in all respect
- Each X 750000/- 1 750000/-

TOTAL COST OF ELECTRICAL WORKS - NON-SCHEDULE ITEM	** 24762800/-
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** This amount shall be carried over to Summary of External Development




Bid Evaluation Report

1. Name of Procuring Agency: Project Director, Rehabilitation of DHQ / THQ Hospital in Sindh
2. Tender Reference No.: INF / KRY No. 18 / 2013
3. Tender Description / Name of work/item: UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH at UMERKOT
4. Method of Procurement: Single Stage – Two Envelop Procedure
5. Tender Published: Daily JANG & KAWISH (Jan. 04, 2013), THE NEWS, EXPRESS & PAK (Jan. 03, 2013)
Print & Electronic Media (SPPRA ID No. & News Papers Name with dates)
6. Total Bid documents sold: Five
7. Total Bids Received: Two
8. Technical Bid Opening date: (if applicable) Feb. 02, 2013
9. No. of Bid technically qualified (if applicable): Two
10. Bid(s) Rejected: Nil
11. Financial Bid Opening date: Feb. 25, 2013

12. Bid Evaluation Report:

S.No.	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated Cost	Reasons for acceptance / rejection	Remarks
0	1	2	3	4	5	6
1.	M/s HI TECH CONSTRUCTORS	397.723 M	1 st Lowest	347.957 M	With in PC-I cost / Provisions of 14.302%	Recommended for Award of Work
2.	M/s AMMAR ENTERPRISES	431.644 M	2 nd Lowest	347.957 M	With in PC-I cost / Provisions of 24.051%	


Project Director DHQ/THQ Hospital in Sindh
(Member)


Additional Secretary (Dev.) / Representative
Health Dept (Member)


Rep. of Special Secretary Finance Dept.
(Member)


W.H.O. Operation Officer
(Member)


Director General Health Services Sindh
(Member)
(Chairman)

**UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH
Umerkot**

COMPARATIVE STATEMENT

S. No.	Particular	Engineer's Estimate (Rs. In Million)		Approved PC-I Cost / Provisions (Rs. In Million)		M/s. Hi-TECH CONSTRUCTORS (Rs. In Million)		M/s. AMMAR ENTERPRISES (Rs. In Million)	
1	Total of Main Hospital Building	Rs.	244,684	Rs.	194,345	Rs.	264,219	Rs.	273,882
2	Total of Residential Building	Rs.	54,741	Rs.	73,195	Rs.	55,752	Rs.	64,262
3	Total of External Developments	Rs.	75,853	Rs.	54,689	Rs.	77,752	Rs.	93,500
4	Escalation	Rs.	----	Rs.	25,728	Rs.	----	Rs.	----
Total Amount		Rs.	375,278	Rs.	347,957	Rs.	397,723	Rs.	431,644

UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH

Umerkot

SUMMARY of COST

S. No.	Particular	Engineer's Estimate (Rs. In Million)		Approved PC-I Cost / Provisions (Rs. In Million)		M/s. HI-TECH CONSTRUCTORS (Rs. In Million)		M/s. AMMAR ENTERPRISES (Rs. In Million)	
		Rs.		Rs.		Rs.		Rs.	
1	Total Amount (Comparative Statement)	Rs.	375.278	Rs.	347.957	Rs.	397.723	Rs.	431.644
2	%age lower or above than Engineer's Estimate					+	7.852%	+	7.852%
3	Position As Per Approved Engineer's Estimate						1st Lowest		2nd Lowest
4	%age lower or above than PC - I Cost / Provisions					+	14.302%	+	24.051%
5	Position As Per Approved PC - I Cost / Provisions						1st Lowest		2nd Lowest

Sum. Hospital

**UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT**

SUMMARY OF HOSPITAL BUILDING

S. No.	Particular	1st Lowest		2nd Lowest	
		Engineer's Estimate Amount in Million	M/s. Hi-Tech Constructors Amount in Million	M/s. Ammar Enterprises Amount in Million	M/s. Ammar Enterprises Diff. in %age with Eng. Est.
1	Cost of Civil Works	220.857	239.219	240.769	8.27%
2	Cost of Plumbing Works	6.726	6.731	7.584	11.31%
3	Cost of Electrical Works	17.101	18.269	25.529	33.01%
Total Amount of Hospital Building * * *		244.684	264.219	273.882	10.66%

**UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT**

SUMMARY OF RESIDENTIAL ACCOMMODATION

Sum. Res.

S. No.	Particular	1st Lowest		2nd Lowest	
		Engineer's Estimate Amount in Million	M/s. Hi-Tech Constructors Amount in Million	M/s. Ammar Enterprises Amount in Million	M/s. Ammar Enterprises Diff. in %age with Eng. Est.
1	Cost of Civil Works	48.649	49.040	56.662	14.14%
2	Cost of Plumbing Works	3.522	4.012	4.527	22.20%
3	Cost of Electrical Works	2.570	2.700	3.073	16.37%
Total Amount of Residential Accommodation * * *		54.741	55.752	64.262	14.82%

Sum. Ext. Dev.

**UPGRADATION OF THQ HOSPITAL TO THE LEVEL OF DHQ HOSPITAL IN SINDH.
UMERKOT**

SUMMARY OF EXTERNAL DEVELOPMENT

S. No.	Particular	Engineer's Estimate		1st Lowest		2nd Lowest	
		Amount in Million		M/s. Hi-Tech Constructors	Diff. in %age with Eng. Est.	M/s. Ammar Enterprises	Diff. in %age with Eng. Est.
1	Cost of Civil Works	44.250		36.431	-21.46%	46.266	4.36%
2	Cost of Plumbing Works	4.667		4.861	3.99%	5.269	11.43%
3	Cost of Electrical Works	26.936		36.460	26.12%	41.965	35.81%
Total Amount of External Development		75.853		77.752	2.44%	93.500	18.87%