

## Establishment of Deaf Reach School at Sukkur

## Detailed Cost Estimate

(Civil Works)  
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling Cement Concrete Reinforcement separating reinforcement from concrete cleaning and straightening the same (S.No.20, Page-10)	11,123.56	%Cft	5,445.00	605,677.84
2	Dismantling Brick work in lime or cement mortar (Page No. 10, Item No. 13)	6,612.75	%Cft	1,285.63	85,015.50
3	Dismantling Cement Concrete Plain (1:2:4) (Page No. 10, Item No 19-C)	20,581.50	%Cft	3,327.50	684,849.41
4	Removing Cement or lime plaster (Page No. 13, Item No.53)	4,543.00	%Sft	121.00	5,497.03
5	Removing door with chowkhats (Page No. 12, Item No.33(A))	24	Each	142.18	3,412.32
6	<b>ANTI-TERMITE</b> Providing anti termite treatment by spraying / sprinkling / sprinting neptachlar 0.5% emulsion as an overall over preconstructed treatment in slab type construction under the slab and along attach perches or entrances etc. complete as direction by the Engineer-in-Charge. (Page No. 108, Item No. 92)	11,500.00	P.Sft	9.74	112,010.00
7	<b>EXCAVATION</b> Excavation in foundation of building bridges and other structures including dagbelling dresing refilling around the structure with excavated earth watering ramming lead upto 5ft (b) in ordinary soil (Page No. 4, Item No.18(B))	1,088.00	%0Cft	3176.25	3,455.76
8	<b>EARTH FILLING</b> Filling watering and ramming earth under floor with new earth (excavated from out side lead upto one chain lift upto 5ft (Page No. 4, Item No.22)	1,088.00	%0Cft	3630	3,949.44

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(Civil Works)  
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
9	<b>CC PLAIN</b> Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5)				
a	Ratio 1:4:8	3,500.00	%Cft	11,288.75	395,106.25
b	Ratio 1:3:6	2,573.00	%Cft	12,595.00	324,069.35
10	<b>RCC WORK</b> 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) Page No. 15. Item No. 6.  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.  (6" thick) Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge.				
		10,000.00	Per Cft	337.00	3,370,000.00
11	<b>STEEL REINFORCEMENT</b> 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 from bars) Page No. 16, Item No. 8-b.				
	Using Tor Bars	490.00	Per Cwt	5,001.70	2,450,833.00
12	Pecca Brick Work in foundation in cement sand mortar (1:4) Page No. 20, Item No. 4-e	5,600.00	%Cft	12,501.41	700,078.96

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(Civil Works)  
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
13	<b>SURFACE RENDERING</b> Cement Plaster 1:5 upto 12' height				
a	½" thick (Page No. 51, Item No. 12-b)	26,000.00	%Sft	2,283.93	593,821.80
b	¾" thick <u>External Wall Plaster</u> (Page No. 51, Item No. 12-c)	26,000.00	%Sft	3,015.76	784,097.60
14	<b>CEMENT POINTING</b> Cement pointing flush upto 20' height (ratio 1:2) Page No. 52, Item No. 17a)	10,000.00	%Sft	1,151.32	115,132.00
15	<b>TILES</b> Providing and laying pattern tiles glazed 8" X 8" X ¼" 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 ¾" 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. 47, Item No. 62)	6,867.00	%Sft	34,520.31	2,370,509.69
16	Laying floor of approved coloured glazed tile 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2. (Page No. 42, Item No 25)	6,500.00	%Sft	27,747.06	1,803,558.90
17	<b>FLUSH DOOR</b> First class deodar wood wrought, joinery in doors and windows etc. fixed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats handles and cords with hooks, etc. (Page No. 57, Item No. 7b)  Rate of Door: Rs. 1,227.36 - G.I. Frame Rs. 228.90 = Door & Windows (Rs. 998.46)	899.61	Per Sft	998.46	898,229.00
18	<b>DISTEMPERING</b> Preparing surface and painting with Distemper- 1st coat over priming coat (Page No. 53, Item No. 24-c) 3 Coats	12,000.00	%Sft	1,079.65	129,558.00

## Establishment of Deaf Reach School at Sukkur

## Detailed Cost Estimate

(Civil Works)  
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
19	<b>INTERNAL WALL PAINTING</b> Preparing the surface and painting with matt finish including 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 (new surface). Page No. 54, Item No. 36-b. (3 Coats)	26,000.00	%Sft	3,444.38	895,538.80
20	<b>WEATHER COAT</b> 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. (Page No. 55, Item No. 38-a&b)	10,000.00	%Sft	2,567.95	256,795.00
21	<b>ENAMEL PAINT ON WOOD WORKS</b> Preparing surface and painting of doors and windows any type (including edges) 3 Coats (Page No. 58, Item No. 5-C-i+ii)	2,300.00	%Sft	2,116.41	48,677.43
22	<b>ROOF SCREEDING</b>				
a	Providing and laying 3" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No. 41, Item No. 16-d)	10,450.00	%Sft	4,411.82	461,035.19
b	Two coats of bitumen laid hot using 34 lbs for %Sft over roof and blinded with sand at one Cft Per %Sft. (Page No. 34, Item No. 13)	10,450.00	%Sft	1,887.40	197,233.30

## Establishment of Deaf Reach School at Sukkur

## Detailed Cost Estimate

(Civil Works)  
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
23	<b>COLLAPSIBLE GATE</b> Providing and fixing iron collapsible gate with channel framing of section 3/4" X 5/16" at 4" i/c riveted with 3/4" X 1/8" flat iron patti placed diagonally and provided with top & bottom T-section 1" X 1" X 1/8" alongwith rollers also i/c locking arrangement and fixing in floor / ceiling or wall etc. completed (Page No. 93, Item No. 32)	58.56	Per Cft	387.04	22,665.06
Cost of Scheduled Items (Civil Work)					Rs= 17,320,807
_____ % Above / below on Scheduled Items					Rs=
<b>Total Cost of Work</b>					Rs=

Employment through Skill



**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**

ST-19, block-6 Gulshan-e-Iqbal, Near NIPA, Karachi.

Phone No. 99244112-7 Fax No. 99244118

Website: <http://www.stevta.gos.pk>



# **BILL OF QUANTITIES**

**MAINTENANCE & REPAIR OF COMPOUND  
WALL OF GOVERNMENT POLYTECHNIC  
INSTITUTE MEHAR DIST. DADU**

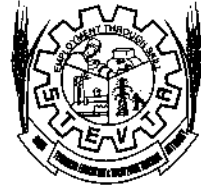


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**MAINTENANCE & REPAIR OF COMPOUND WALL OF GOVERNMENT  
POLYTECHNIC INSTITUTE MEHAR, DISTRICT DADU.**

**BILL OF QUANTITY**

S. #	NAME OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
01.	<b><u>EXCAVATION:</u></b> Excavation in foundation of building bridges and other structures including dabelling dressing, refilling around the structure with excavated earth watering and ramming lead upto 5 ft.	9488.00	%Cft		
02.	<b><u>DISMANTLING</u></b> Dismantling Cement Block Masonry 1:4	3000.00	%Cft		
03.	<b><u>C.C 1:4:8:</u></b> Cement Concrete Plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate ration 1:4:8	2332.00	%Cft		
04.	<b><u>FABRICATION OF STEEL:</u></b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire and also removal of rust from bars.	246.348	P.Cwt		



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05.	<b><u>RCC WORK</u></b> R.C.C Work in roof slab beams columns rafts lintels and other structural members laid in situ of precast lain in position complete in all respect. Ratio 1:2:4.	6000.00	P.Cft		
06.	<b><u>BRICK WORK IN FOUNDATION:</u></b> Pacca brick work in foundation and plinth in cement sand mortar ratio 1:4	7350.00	%Cft		
07	<b><u>BRICK WORK IN GROUND FLOOR:</u></b> Pacca brick work in ground floor in cement sand mortar ratio 1:4	6209	%Cft		
08	<b><u>EARTH FILLING:</u></b> Filling watering and ramming earth under floor with new excavated earth from out side lead upto one chain lift upto 5' ft	50000.00	%0Cft		
09	<b><u>STEEL GRILL:</u></b> S/F in position iron steel grill of 13/6" thick size flate i/c aproved design and paiting 3 coats etc complete.	1915.00	P.Rft		
10.	<b><u>Plaster 1/2" thick:</u></b> Cement Plaster 1:4 upto 12ft height 1/2" thick.	36000.00	%Sft		





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11.	<b><u>Plaster 3/8" thick:</u></b> Cement Plaster 1:4 upto 12ft height 3/8" thick.	36000.00	%Sft		
12.	<b><u>MAIN GATE:</u></b> Providing and fixing iron steel gate of approved design.	2.00	Each		
13.	<b><u>CHALK:</u></b> Primary coat of chalk under distemper	32000	%Sft		
14.	<b><u>DISTEMPERING:</u></b> Distemping 3 Coats	16000	%Sft		
15.	<b><u>WEATHER SHIELD :</u></b> Preparing the surface and painting with weather shield of approved make including rubbing the surface etc complete.	12000	%Sft		
16.	<b><u>PAINTING GUARD BARS:</u></b> Preparing the surface and painting with guard bars of grating iron rails 2 coats.				
<b>TOTAL AMOUNT</b>					

Signature of Contractor

Employment through Skill



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# **BILL OF QUANTITIES**

**REPAIR AND RENOVATION OF  
GOVERNMENT VOCATIONAL SCHOOL  
(GIRLS) SEHWAN SHARIF, DIST.  
JAMSHORO.**



## Sindh Technical Education & Vocational Training Authority (STEVTA)

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### REPAIR & RENOVATION WORK OF GOVERNMENT VOCATIONAL SCHOOL (GIRLS) SEHWAN SHARIF DIST. JAMSHORO.

### BILL OF QUANTITY

S. #	NAME OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
01.	<b>REMOVAL OF PLASTER:</b> Removing cement or lime plaster. (page No.13, Item No.33)	14303.00	%Sft		
02.	<b>FLOATING COAT</b> Applying floating coat of cement (Page No52,Item No.14)	14303.00	%Sft		
03.	<b>Plaster 3/8" thick:</b> Cement plaster 3/8" thick ratio 1:4 (S.No.11-a, page 51)	14303.00	%Sft		
04.	<b>Plaster 1/2" thick:</b> Cement Plaster 1:4 1/2" thick.	14303.00	%Sft		
05.	<b>Marble tile flooring:</b> Laying 1" thick white marble flooring fine dressed on the surface without winding set in mortar 1:2 including rubbing and polishing of the joints (S.No.28-a, page 42).	10270.00	P.Sft		
06.	<b>Dismantling C.C:</b> Dismantling Cement Concrete Plain 1:2:4 (S.No.19-c, page.10)	1150.00	%Cft		
07	<b>Stone ballast:</b> Cement Concrete brick or stone ballast 1 1/2" to 2" gauge ratio 1:4:8.	5135.00	%Cft		



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08	<p><b><u>RCC Work:</u></b> 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 kind of forms moulds etc. RCC work in roof slab beams columns rafts lintels and other structural members laid in situ or precast lain in position complete in all respect ration 1:2:4</p>	390	P.Cft		
09	<p><b><u>STEEL Reinforcement:</u></b> Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastenings including cost of binding wire also removal of rust from bars (Item No.8-b, page No.16)</p>	20	P.Cwt		
10.	<p><b><u>Scraping:</u></b> Scraping ordinary distemper oil bound distemper or paint on walls( S.No.54-b, Page No.13)</p>	20407.00	%Sft		
11	<p><b><u>CHALK:</u></b> Primary coat of chalk under distemper (S.No.22 Page.53)</p>	20407.00	%Sft		



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12.	<b><u>Distemper</u></b> Preparing the surface and painting with distemper (S.No.24-c, page No.53)	2100.00	%Sft		
13.	<b><u>Internal wall painting:</u></b> Preparing the surface and painting with matt finish including rubbing the surface with bathy (slicon carbide rubbing brick) filling the voids with zink / chalk / plaster of paris mixture, applying first coat premix making surface smooth and then painting 3 coats with matt finish of approved make etc complete (S.No.36-b, page 54)	5067.00	%Sft		
14.	<b><u>Weather coat:</u></b> 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 parid and then painting with weather coat of approved make (S.No.38A&B,Page.55)	13240.00	%Sft		
15.	<b><u>C.C Topping:</u></b> Providing and laying 2" thick topping cement concrete 1:2:4 including surface finishing and diiding into panels	13240.00	%Sft		



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16.	<p><b><u>Hala Tiles :</u></b></p> <p>Providing and laying Hala or pattern tiles glazed 6"x6"x1/4" on floor or wall facing in required color and pattern of STILE as per 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 of tile in proper profile (S. No.61, Page.47)</p>	1560.00	%Sft		
17.	<p><b><u>Removing Doors:</u></b></p> <p>Removing door with chowkhet (S.No.33-a, page.12)</p>	7.00	Each		
18	<p><b><u>Brick Masonary:</u></b></p> <p>Pacca Brick work in ground floor in cement sand mortar 1:4 (S.No.5i-c, page.20)</p>	1085.20	%Cft		
19	<p><b><u>Painting:</u></b></p> <p>Preparing the surface and painting of doors windows any type including edges (S No.5-c, page.69)</p>	1728.00	%Sft		



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20.	<p><b><u>Steel Doors:</u></b> Making and fising steel grated door with 1/16" tick sheeting including angle iron frame 2"x2"x3/8" and 3/4" square bars 4" center to center with locking arrangement (S.No.24, page.91)</p>	112.00	P.Sft		
21	<p><b><u>Filling earth:</u></b> Filling watering and ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5ft (S.No.4, page.4)</p>	24500.00	%0Cft		
22.	<p><b><u>Electrification:</u></b> Complete electrical work of building as board sheets switches lighting overhauling of fan etc wiring distribution board etc with all accessories complete in all respect as per instructions of the Engineer.</p>	1.00	L/S		
23	<p><b><u>Plumbing Work:</u></b> Complete Plumbing work of building as piping bathroom repairing washbasin we flush tank etc complete in all respect as per instruction of trhe Engineer</p>	1.00	L/S		
<b>TOTAL AMOUNT</b>					

Signature of Contractor

**Sindh Technical Education & Vocational Training Authority (STEVTA)**

**Title of Work: Repair & Renovation Of Government Vocational School (Girls) Jamshoro**

**Page - I**

**Summary of Cost**

<b>S.No</b>	<b>Sub-Head</b>	<b>Amount</b>
<b>1.</b>	<b>Civil Works (Scheduled Items)</b>	
<b>2.</b>	<b>Public Health Works (Scheduled Items)</b>	
<b>3.</b>	<b>Electrical Works (Scheduled Items)</b>	
	<b>Total</b>	

**Amounts in words (Rs: \_\_\_\_\_)**

**Director (Works & Services)**

**Signature & Stamp of Contractor**



Sindh Technical Education & Vocational Training Authority (STEVTA)

Title of Work: Repair & Rehabilitation of Government Vocational School (Girls) Jamshoro  
(Additional One Classroom)

Bill of Quantities

Page – II

**Civil Works (Scheduled Items)**

Sl#	Item	Quantity	Unit	Rate	Amount
1	Excavation in foundation of building bridges and other structures including dabling dressing refilling around structure with excavated earth watering and ramming lead upto 5 ft.				
(b)	In ordinary soil	1178	%Cft	3176.25	37416
2	Cement concrete plain including placing compacting finishing and curing, complete including screening and washing of stone aggregate without shuttering. Ratio 1:4:8 (Item #06-Chapter #04-Page 15)	448	%Cft	11288.15	50571
3	Pacca Brick Work in foundation and plinth in Cement Sand Mortar 1:4	1081	%Cft	11948.4	129162
4	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastenings including cutting bending laying in position making joints and fastening including cost of binding wire (also includes removal of rust from bars)	36.597	Cwt	5001.7	183047
5	Reinforcement cement concrete work including all labour and material expect the cost of steel reinforcement and its labour for bending and biding which will be paid separately. This rate also include all kinds of form mould: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	R.C work in roof slab beams columns rafts lintels and other structural members laid in site or precast laid in position completed in all respects.				
	Ratio (1:2:4) 90 lbs cement 20cft Sand 4-cft shingle 1/2" to 3/4" guage.	711	P.Cft	337	239607
6	S/F sand under floor walls.	1760	%Cft	1141.25	20086
7	Pacca Brick Work in Ground Floor in Cement Sand Mortar 1:4	1091	%Cft	13227.41	144311
8	Providing and fixing G.I frame chowkats of size 7"x2" or 4-1/2" x3" for door using 20 guage G.I sheet I/C welding hinged sand sully of ratio 1:6 and repairing the Jamb. The cost also includes all carriage, tools and plants used in making and fixing.	78	P.Rft	240.5	18759
9	Cement Plaster 1:4 1/2" thick	3076	%Sft	2283.93	70254
10	Cement Plaster 1:4 3/8" thick	3076	%Sft	2197.52	67596
11	Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing dividing into panels.	511	%Sft	3275.5	16738

**Sindh Technical Education & Vocational Training Authority (STEVTA)**  
**Title of Work: Repair & Rehabilitation of Government Vocational School (Girls) Jamshoro**  
**(Additional One Classroom)**

**Bill of Quantities**

**Civil Works (Scheduled Items)**

S#	Item	Quantity	Unit	Rate	Amount
12	P/C 1" Thick to pipe c. 1:2:4 i/c surface finishing curing and dividing into panels (3" thick)	440	%Sft	4411.82	19412
		32	P.Sft	58.11	1859
13	Making notice board made with cement.	50	Sft	104.15	5208
14	Galvanized wire guage 144 mesh per square inch of 22 SWG				
15	laying floors of approved colour glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2.	440	%Sft	27678.86	121787
16	Glazed tile Dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	72	%Sft	28299.3	20375
	<b>Door Shutters</b>				
17	First class deodar wood wrough jointry in doors and window ect fixed in position including hinges, iron tower hold, holds etc.	70	P.Sft	902.93	63205
18	P/1 iron steel grill using solid square bars of size 1/2"x1/2" placed at 4" c/c and frame of flat iron Patti of 3/4"x3/4" i/c circle shape at 1' apart equivalent fitted with screws or pins i/c painting 3 coats with first coat of red oxide paint etc.	188	P.Sft	194.16	36502
	<b>Matt Finish</b>				
19	Providing and applying internal surface 3 coats of Matt Finish Paint of approved make and shade over and i/c coat of premier i/c preparing surface the holes, cracks and inequalities filling depressions with putty and preparing and smooth finishing as per specifications and satisfaction of the Architect/Engineer Incharge (upto any light in any floor) ICI DULUX or approved equivalent.	1488	%Sft	2499.76	37196
20	Painting new surface painting D/Windows any type 3 coats	150	%Sft	2116.41	3175
21	Weather Coat: Preparing the surface and paint with weather coat of approved make.	1136	%Sft	2118.33	24064
22	Two coats of Bitumen laid hot using 34 lbs for % sft over roof and blinded with sand at once cft P.%sft (Item#8 Chapter#07-Page 34)	641	%Sft	1887.4	12060
	<b>Total Cost of Civil Works</b>				<b>1322390</b>
	<b>% Above / Below</b>				
	<b>Grand Total</b>				

**Sindh Technical Education & Vocational Training Authority (STEVTA)**  
**Title of Work: Repair & Rehabilitation of Government Vocational School (Girls) Jamshoro**  
**(R.C.C Compound Wall)**

**Bill of Quantities**

**I Works (Scheduled Items)**

#	Item	Quantity	Unit	Rate	Amount
	Excavation in foundation of building bridges and other structures including dabling dressing refilling around structure with excavated earth watering and ramming lead up to 5 ft.				
		2128	%0Cft	3176.25	13112
b)	In ordinary soil	2400	%Cft	3327.05	79860
	Dismantling cement masonry				
	Cement concrete plain including placing compacting finishing and curing, complete including screening and washing of stone aggregate without shuttering. Ratio 1:4:8 (Item #06-Chapter #04-Page 15)	782	%Cft	11288.15	88272
	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastenings including cutting bending laying in position making joints and fastening including cost of binding wire (also includes removal of rust from bars)	70.839	Cwt	5001.7	354315
	Reinforcement cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and biding which will be paid separately. This rate also include all kinds of form mould: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	R.C.C work in roof slab beams columns rafts lintels and other structural members laid in site or precast laid in position completed in all respects.				
	Ratio (1:2:4) 90 lbs cement 20cft Sand 4-cft shingle 1/2" to 3/4" guage.	1305	P.Cft	337	439785
	Pacca Brick Work in foundation in Cement Sand Mortar 1:4	2437	%Cft	11948.04	291182
	Pacca Brick Work in ground floor in Cement Sand Mortar 1:4	1687	%Cft	13227.05	223148
	Filling watering and ramming earth under floor with new earth excavated from outside lead up to one chain lift upto 5' feet.	8400	%Cft	3630	304920
	Cement Plaster 1:4 1/2" thick	7600	%Sft	2283.93	173579
0	Cement Plaster 1:4 3/8" thick	7600	%Sft	2197.52	167012
1	Main Gate	78	P.Rft	930	89280
2	Distemper three coats	3200	%Sft	1079.25	34536
3	Weather Coat: Preparing the surface and paint with weather coat of approved make.	2600	%Sft	2118.33	55077
4	Painting new surface painting D/Windows any type 3 coats	192	%Sft	674.60	1295
	<b>Total Cost of Civil Works</b>				<b>2343709</b>
	<b>% Above / Below</b>				
	<b>Grand Total</b>				

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**Works (Scheduled Items)**

#	Item	Quantity	Unit	Rate	Amount
	Excavation in foundation of building bridges and other structures including dabling dressing refilling around structure with excavated earth watering and ramming lead upto 5 ft.				
	In ordinary soil	1196	%Cft	3176.25	37988
	Pacca Brick Work in Ground Floor in Cement Sand Mortar 1:4	1541	%Cft	13227.41	203834
	Dismantling Cement Concrete plain 1:2:4	282	%Cft	3327.5	9384
	Pacca Brick Work in foundation and plinth in Cement Sand Mortar 1:4	350	%Cft	11948.4	41819
	Painting Iron Steel Grills (2 Coats)	175	%Sft	674.6	1181
	Making notice board made with cement	64	Sft	58.11	3719
	Painting doors and window any types (2 Coats)	604	%Sft	1160.06	7007
	Cement concrete plain including placing compacting finishing and curing, complete including screening and washing of stone aggregate without shuttering. Ratio 1:4:8 (Item #06-Chapter #04-Page 15)	2571	%Cft	11288.15	290218
	Providing and fixing G.I frame chowkats of size 7"x2" or 4-1/2"x3" for door using 20 guage G.I sheet I/C welding hinged sand sultry of ratio 1:6 and repairing the Jamb. The cost also includes all carriage, tools and plants used in making and fixing.	105	P.Rft	240.5	25253
	Reinforcement cement concrete work including all labour and material expect the cost of steel reinforcement and its labour for bending and biding which will be paid separately. This rate also include all kinds of form mould: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle)				
	R:C work in roof slab beams columns rafts lintels and other structural members laid in site or precast laid in position completed in all respects.				
	Ratio (1:2:4) 90 lbs cement 20cft Sand 4-cft shingle 1/2" to 3/4" guage.	126	P.Cft	337	42462
	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastenings including cutting bending laying in position making joints and fastening including cost of bir ding wire (also includes removal of rust from bars)	1.582	Cwt	5001.7	7913
	Two coats of Bitumen laid hot using 34 lbs for % sft over roof and blinded with sand at one cft P.%sft (Item#8 Chapter#07-Page)	1411	%Sft	1887.4	26631
	Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing dividing into panels.	6141	%Sft	3275.5	201148

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Works (Specified Items)	Item	Quantity	Unit	Rate	Amount
	S/S Sand under floor walls	31563	%Cft	1141.25	360213
	Filling, watering and ramming earth under floor with new earth excavated from outside lead upto one chain lift up to	8616	%OCft	3630	21276
	Galvanized wire guage 144 mesh per square inch of 22 gauge fixed to chowkats without deodar patti.	250	Sft	104.15	26038
	Floors of approved colour glazed tilles 1/4" thick laid on cement and pigment on a bed of 3/4" thick cement mortar 1:2.	1350	%Sft	27678.86	373665
	Work Done: Dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	430	%Sft	28299.3	121687
	Cement Plaster 1:4 1/2" thick	2466	%Sft	2283.93	56322
	Cement Plaster 1:4 3/8" thick	2466	%Sft	2197.52	54191
	Quantity of cement plaster	2177	%Sft	121.00	2634
	Iron Steel Grill using solid square bars of size 1/2" x 1/2" i/c and frame of flat iron Patti of 3/4" x 3/4" i/c circle 1' apart equivalent fitted with screws or pins i/c painting with first coat of red oxide paint etc.	230	P.Sft	194.16	44656
	<b>Door Shutters</b>				
	First class deodar wood wrough jointry in doors and window ect fixed in position including hinges, iron tower bolts, holds etc.	375	P.Sft	902.93	338599
	Weather Coat Preparing the surface and paint with weather coat of approved make.	1474	%Sft	2118.33	31224
	<b>HALA Elevation Tiles</b>				
	Providing and laying HALA pattern tiles glazed 8"x8"x1/4" on floor or wall facing in required 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 shaped with finishing cleaning and cost of wax polish, etc complete including cutting tiles to proper profile.	250	%Sft	47651.56	119128
	<b>Matt Finish</b>				
	Providing and applying internal surface 3 coats of Matt Finish Paint of approved make and shade over and i/c coat of primer i/c preparing surface the holes, cracks and inequalities filling depressions with putty and preparing and smooth finishing as per specifications and satisfaction of the Architect/Engineer Incharge (upto any light in any floor)ICI DULUX or approved equivalent.	3987	%Sft	2499.76	99665
	<b>Total Cost of Civil Works</b>				<b>2547855</b>
	<b>% Above / Below</b>				
	<b>Grand Total</b>				

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Item	Quantity	Unit	Rate	Amount
Providing & fixing orisa type 23" white or colour glazed earthen ware w.c.pan with cost of low level plastic flush tank of 3-gallone capacity of Master sanitary ware or equivalent quality i/c making requisite number of cement concrete 1:2:4.	2	Each	5836.6	11673.2
Providing & fixing 24"x18" lavatory basin in white glazed earthen ware complete of Master sanitary ware or equivalent quality with & i/c the cost of W.I or C.I	2	Each	4928	9856
Two lever brackets 6 inch built into wall painted within two coats after a primary coat of red lead paint a pair or 1/2" dia chrome plate pillar traps 1-1/2" dia chrome plated brass chain 1-1/4" dia malleable iron or cp brass traps malleable iron or bras union & making requisite.	2	Each	2533.47	5066.94
Add extra labour for providing & fixing or earthen ware pedestal white or coloured glazed (Standard Pattern)	6	Each	447.15	2682.9
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.	1	Each	2024.43	2024.43
9"x6"x2" or 6"x3" floor trap of the approved self cleaning design with C.I screwed down greeting with or without a vent arm complete with requisite number of holes in wall plinth and floor for pipe connection & making good in C.C.	1	Each	2024.43	2024.43
Providing G.I pipes specials & clamps etc. including fixing cutting and fitting complete with and i/c the cost of breaking through wall and roof making good etc. painting two coats after cleaning the pipe etc. with white zink paint with pigment to match the colour of the building and arresting with water to a pressure head of 200 feet and handling.	165	Rft	95.79	15805.35
3/2" dia	198	Rft	73.21	14495.48
1/2" dia	135	Rft	128.55	17354.25
1" dia				
Add extra labor for concealed G.I Pipe and fittings i/c making	195	Rft	7.82	1524.9
1/2" dia	8	Each	889.46	7115.68
Supplying and fixing concealed T-cock of Master sanitary ware or superior quality for tiles Bath room.	6	Each	1384.24	8305.44
Supplying and fixing long Bib cock of Master sanitary ware or superior quality with c.p head 1/2" dia	5	Each	14748	73740
Construction manhole or inspection chamber for the required dia of circular sewer and 3'-6' (1067mm) depth with wall of B.M.				

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(Scheduled Items)	Quantity	Unit	Rate	Amount
Fixing soap tray of made plastic of superior design with fine fishing with C.P screws etc	2	Each	169.4	338.8
Pump 1-1/4" dia coir strainer with wooden show and fixing and bidding in ground level	1	Each	1441.65	1441.65
Rate 1:2:4 complete with iron handle dlevel etc in all respect. 1- Machine	10	Rft	76.5	765
	80	Rft	38.95	3116
Stone Pillars Cock of master sanitary ware or quality.	2	Each	877.8	1755.6
2" Bevelled edge mirror of Belgium glass with 1/8" thick hard oral and C.P screws fixed to plate (a) standard pattern.	1	Each	2047.76	2047.76
Fixing and fixing chrome plated brass towel rail with brackets fixing on wooden cleats with 1" brass screws. Trowel Rail 24" long.	3	Each	271.92	815.76
	4	Each	365.42	1461.68
1- fixing fiber Glass Tank of approved quality and wall thickness as specified i/c cost of nut bolts in place form of cement concrete 1:3:6 and connections of inlet outlet & over flow inlet, outlet pipes etc. complete.	1	Each	21989.61	21989.61
Fixing, laying UPVC pressure pipes of class D equivalent in trench including cutting fitting & jointing joint with one rubber ring including testing with water to a head 122 meter or 400 ft: complete in all respects with all accessories.	35	P.Rft	226	7910
1/2" dia	1	Each	10916.65	10916.65
Water pump 1 H.P i/c electric Motor				302963.32
<b>Total Cost of Public Health</b>				
<b>% Above / Below</b>				
<b>Grand Total</b>				

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Electrical Works (Scheduled Items)

Item	Quantity	Unit	Rate	Amount
Wiring for light or fan point with PVC 1/1.13(3/.029) pvc insulated wire in PVC casing and capping or channel patti	58	P.Point	910	52780
P/E Energy Saver Light of 25 watts	20	Each	574.8	11496
Wiring for 2 7/.029 PVC wire in casing and capping.	350	P.Rft	52.11	18238.5
Providing and fixing 3 pin 5 amp flush type s.p plug socket and shoe unit on a give prepared board recessed in walls of columns and covered with plastic hsheet.	25	Each	151	3775
Plug points	10	Each	742	7420
Supply & fixation ceiling fan 56" sweep I/C wiring of down rod with 1/1.13mm (3/.029) PVC Wired fixing of regulators blade canopy etc, as required.	5	Each	3185	15925
Celling Roses				
Supply & fixation ceiling roses with cover sheet on wall over missing or standard ceiling roses with screws etc, complete in all respects as per instructions by the Engineer-in-Charge.	82	Each	72	5904
<b>Total Cost of Electrical Works</b>				<b>115583.5</b>
<b>% Above / Below</b>				
<b>Grand Total</b>				