

REPAIR AND RENOVATION OF **GIBCE GHARO**, TALUKA MIRPUR SAKRO (REMAINING WORK)

GRAND SUMMARY OF COST

S #	DESCRIPTION	AMOUNT
Guard Room & Bathroom		
1	Scheduled Items: Civil Work Page No. 02 - 07	Rs=
2	NSI: Civil Work Page No. 08 - 08	Rs=
		(A) _____
3	Scheduled Items: Plumbing Work Page No. 09 - 11	Rs=
4	NSI: Plumbing Work Page No. 12 - 12	Rs=
		(B) _____
5	Scheduled Items: Electrical Work Page No. 13 - 14	Rs=
6	NSI: Electrical Work Page No. 15 - 16	Rs=
		(C) _____
Cost of Guard Room (A+B+C) =		
External Development Work		
7	Scheduled Items: Civil Work Page No. 17 - 18	Rs=
8	NSI: Civil Work Page No. 19 - 19	Rs=
9	NSI: Electrical Work Page No. 20 - 20	Rs=
Total Cost of Project		Rs=

The Director (Works & Services)

Dated: _____

 Contractor's Signature with Stamp

Dated: _____

REPAIR AND RENOVATION OF GIBCE GHARO, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	EXCAVATION IN FOUNDATION Excavation in foundation in Ordinary Soil of Building Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (Page No. 4, Item No. 18-b)	494.00	%0Cft	3,176.25	1,128.88
2	CC 1:4:8 LEAN CONCRETE Cement concrete plain (ratio 1:4:8) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-i)	100.00	%Cft	11,288.75	11,288.75
3	SITU 1:3:6 Cement concrete plain 8" thick - ratio (1:3:6) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-h)	170.00	%Cft	12,595.00	21,411.50
4	FORM WORK Erection and removal of centering for RCC or plain cement concrete works of Partal wood (2nd Class) Horizontal (Page No. 17, Item No. 19-bi).	450.00	%Sft	3,588.48	16,148.16
5	IMPORTED EARTH FILL Filling, watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Page No. 4, Item No. 22)	400.00	%0Cft	3,630.00	1,452.00
6	SUPPLY OF RIVER / PIT Supply of clean / screened (river or pit) sand within 5 chains including removal of top crust of earth or over burden and royalty to the Government or cost to the Private Owner. (Page No. 6, Item No. 36)	400.00	%Cft	420.00	1,680.00
	Add: extra lead 6 mile (referred from carriage of materials schedule)	400.00	%Cft	771.96	3,087.84

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GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Civil Works)

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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
7	DAMP PROOF COURSE Damp proof course 2" thick with (cement sand and shingle concrete 1:2:4) including 2 coats of asphaltic mixture. (Page No. 18, Item No. 28-b)	50.00	%Sft	3,912.85	1,956.43
8	BLOCK MASONRY (6" Thick) Providing and laying 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor Super Structure including raking out joints and curing etc. complete. (Page No. 18, Item No. 24)	300.00	%Cft	15,771.01	47,313.03
9	RCC WORK 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-iiib 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. Precast RCC in columns, beams lintels staircase, shelves etc.	110.00	Per Cft	309.78	34,075.80
10	STEEL REINFORCEMENT Fabrication of mild steel reinforcement using Tor Bars 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.	7.00	Per Cwt	5,001.70	35,011.90

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GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Civil Works)

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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
11	TERMITE PROOFING Providing anti-termite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as an overall pre-construction treatment in slab type construction under the slab and attached perches or entrances etc. complete in all respect as per directions of the Engineer-in-Charge (Page No. 108, Item No. 92)	200.00	Per Sft	9.74	1,948.00
12	G.I.FRAMES FOR DOOR Providing and fixing G.I. Frames / Choukhats of size 7" X 2" or 4½ X 3" for door using 20 gauge G.I. sheet including welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also includes all carriage tools and plants used in making and fixing. (Page No. 92, Item No. 29)	80.00	Per Rft	228.90	18,312.00
13	DOOR & WINDOW 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)	80.00	Per Sft	998.46	79,876.80
14	SUB FLOORING Cement concrete plain 3" thick - ratio (1:3:6) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-h)	35.00	%Cft	12,595.00	4,408.25

REPAIR AND RENOVATION OF **GIBCE GHARO**, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
15	FINISH FLOORING Providing and laying 3" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No. 41, Item No. 16-c)	130.00	%Sft	4,411.82	5,735.37
16	GLAZED CERAMIC TILE (BATHROOM) Laying floors of approved coloured glazed tiles ¼" thick laid in white cement and pigment on a bed of ¾" thick cement mortar 1:2. (Page No. 42, Item No. 25)	30.00	%Sft	27,747.06	8,324.12
17	Glazed tile dado ¼" thick laid in pigment over 1:2 cement sand mortar ¾" thick including finishing. (Page No. 44, Item No. 38)	150.00	%Sft	28,299.30	42,448.95
18	IRON GRILL Providing and fixing iron steel grill using solid square bars of size ½" X ½" placed at 4" including and frame of flat iron patti of ¾" X ¾" including circle shape at 1-0 apart equivalent fitted with screws are pins with painting 3 coats with 1st coat of red oxide paint etc. (Page No. 93, Item No. 30)	40.00	Per Sft	194.16	7,766.40
19	MESH P/F G.I. expanded metal ⅝ - 2- gauge fixed to chowkats with ¾" deodar strips and screws. (Page No. 65, Item No. 66-A)	40.00	Per Sft	178.68	7,147.20
20	WOODEN ARCHITRAVE Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge. (Page No. 65, Item No. 60)	160.00	Per Rft	49.97	7,995.20

REPAIR AND RENOVATION OF **GIBCE GHARO**, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
21	SURFACE RENDERING Cement Plaster 1:5 upto 12' height				
a	½" thick Plaster (for ceiling and wall) Page No. 51, Item No. 12-b (double layer)	500.00	%Sft	2,241.80	11,209.00
b	¾" thick Plaster (for ceiling and wall) Page No. 51, Item No. 11-d (upto plinth level). (double layer)	800.00	%Sft	3,191.76	25,534.08
22	PRIMING COAT Priming coat of chalk distemper (Page No. 53, Item No. 22)	130.00	%Sft	442.75	575.58
23	DISTEMPERING Preparing surface and painting with Distemper- 1st coat over priming coat (Page No. 53, Item No. 24-c) 3 Coats	130.00	%Sft	1,079.65	1,403.55
24	INTERNAL WALL PAINTING 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)	500.00	%Sft	3,444.38	17,221.90
25	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. (Page No. 55, Item No. 38-a&b)	800.00	%Sft	2,567.95	20,543.60

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GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
26	ENAMEL PAINT ON WOOD WORKS Preparing surface and painting of doors and windows any type (including edges) 3 Coats (Page No. 68, Item No. 5-C-i+ii)	160.00	%Sft	1,880.19	3,008.30
	Priming Coat	160.00	%Sft	862.95	1,380.72
27	ENAMEL PAINT ON IRON WORKS Painting guard bars, gates iron bars gratings, railing including standard braces etc. and similar open work (3 Coats) Page No. 68, Item No. 4-d-ii)	160.00	%Sft	977.40	1,563.84
28	ROOF SCREEDING				
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)	150.00	%Sft	4,411.82	6,617.73
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)	150.00	%Sft	1,887.40	2,831.10
Sub Total				Rs=	450,405.96
_____ % below / above				Rs=	
Cost of Civil Work (Scheduled Items)				Rs=	

REPAIR AND RENOVATION OF **GIBCE GHARO**, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Civil Works) NSI

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
29	STONE SOLING Providing and laying soling stone 6" thick under floor including packing with spawls and chips and consolidation with compactor, watering etc. complete in all respect as per instructions of the Architect / Engineer-in-Charge.	70.00	Per Cft		
30	PRE-CAST RCC SLAB Providing and fixing pre-cast RCC Slab length 3'-0" to 4'-6" and width 1'-6" to 2'-00 including setting in position and filling the joints with cement mortar 1:4 etc. complete as per direction of the Engineer-in-Charge.	220.00	Per Sft		
31	ROOM DOOR LOCKS Providing and fixing with C.P brass screws carona, yale lock of approved design, manufacturer, and colour Japan make, cutting wood to required shape and size with three operating keys. complete in all respect as per specification, drawings and instructions of the Engineer-in-Charge.	1	Each		
Cost of Civil Work (NSI)				Rs=	

REPAIR AND RENOVATION OF **GIBCE GHARO**, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
32	PAKISTANI WC Providing and fixing squatting type white glazed earthen ware W.C. Pan with front flush inlet and complete with including the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth and floor for pipe connection and making good in cement concrete 1:2:4 (foreign equivalent) with 4" dia C.I. Trap (Page No. 1, Item No. 2-a)	1	Each	5,728.80	5,728.80
33	GULLY TRAP Providing and fixing 6" X 6" X 4" CC Guly Trap with 4" outlet complete 4" thick 1:2:4 CC for bed & ½" 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 (Page No. 23, Item No. 1)	1	Each	1,193.17	1,193.17
34	NYLON CONNECTION Providing and fixing in position nylon connection complete with ½" dia brass stop cock with pair of brass nuts and lining joints and nylon connections. (CH-I, Page No. 6, Item No. 23)	1	Each	447.15	447.15
35	LAVATORY BASIN Providing and fixing 18" X 12" lavatory basin in white glazed earthen ware complete with & including the cost of W.I. or C.I. cantilever brackets 6" built into walls painted white in two cats after a primary coat of red lead paint a pare of ½" dia rubber plug and chrome plated brass chain 1¼" dia malleable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4 (foreign equivalent) CH-I: Page No. 4, Item No. 14+ 3/11.	1	Each	6,790.47	6,790.47

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GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
36	BATHROOM ACCESSORIES Supply and fixing Bathroom Accessories set (7 Piece) including towel rod, brush holder, soap tray, shelf of approved design including cost of screws, nuts etc. complete (Master Brand or as recommended by Engineer-in-Charge). Page No. 19, Item No. 23	1	Each	10,322.40	10,322.40
37	C.I.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 cost of jointing requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4. (CH-I, Page NO. 6, Item No. 20)	1	Each	2,024.43	2,024.43
38	BIB COCKS Supply and fixing C.P. Muslim Shower with double Bib Cock and ring pipe etc. complete (Page No. 19, Item No. 19-a)	1	Each	3,432.00	3,432.00
39	TEE STOP COCKS Supply and fixing ½" dia concealed tee stop cock of superior quality with cp head (CH-VI-Page No. 18, Item No. 12-b)	1	Each	889.46	889.46
40	STOP COCK Supply and fixing concealed tee- stop cock of superior quality with c.p. head ½" dia (Page No. 18, Item No. 12-a)	1	Each	843.92	843.92
41	RCC PIPE Providing 6" dia RCC Pipe with collars class 'B' and digging the trench to required depth and fixing imposition including cutting, fitting and jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe and refilling with excavated stuff. (CH-X-Page No. 23, Item No. 2-c)	100.00	P.Rft	199.25	19,925.00

REPAIR AND RENOVATION OF **GIBCE GHARO**, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
42	RCC PIPE Providing 4" dia RCC Pipe with collars class 'B' and digging the trench to required depth and fixing imposition including cutting, fitting and jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe and refilling with excavated stuff. (CH-X-Page No. 23, Item No. 2-b)	70.00	P.Rft	146.57	10,259.90
43	BORING FOR TUBE WELL Boring for tube well 125 mm (3" dia) in all water bearing soils from ground level upto 100 ft. or 30.5 meter depth including sinking and with drawing of casing pipe. (CH-II-Page No. 41, Item No. 1a)	70.00	Per Rft	160.00	11,200.00
44	FIBRE GLASS TANK Supply and fixing fibre glass tank (250 Gallons wall thickness 3.5 mm) of approved quality and design and wall thickness as specified including the cost of nuts, bolts and fixing in platform of cement concrete 1:3:6 and making all connections for in-let and out-let & over flow pipes etc. complete. (CH-VII-Page No. 21, Item No. 3)	1	Each	21,989.61	21,989.61
45	MANHOLE Constructing manhole or inspectoin chamber for the required diameter of circular sewer and 3'-6" (1067 mm) dept with walls of BB in cement sand mortar 1:3 cement plastered 1:3, ½" thick inside of walls and 1" thick over benching and channel including fixing C.I.Mahole cover with frame of clear opening 1-½' X 1-½' of 1.75 cwt. (88.9 kg) embaded in plain CC 1:2:4 and fixing "" dia MS steps 6" wide projecting 4" from the face of wall at 12" CC duly painted etc. complete as per standard specifications and drawing. (4" to 12" dia 2' X 2' X 3'-6") Page No. CH-II, Page No. 46, Item No. P-a.	1	Each	14,748.00	14,748.00
Sub Total				Rs=	109,794.31
_____ % below / above				Rs=	
Cost of Plumbing Work (Scheduled Items)				Rs=	

REPAIR AND RENOVATION OF **GIBCE GHARO**, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

Non-Schedule Items (Plumbing Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
46	BIB COCK Providing and fixing 1/2 inches dia cp brass bib cocks	2	Each		
47	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.	70.00	Rft		
b	Do. Do ¾ inch (20 mm) Dia Pipe.	60.00	Rft		
c	Do. Do 1 inch (25 mm) Dia Pipe.	40.00	Rft		
48	MONO BLOCK PUMPING SET Providing and fixing mono block pumping set complete with ½ HP pump 2800 RPM complete with AC 220 V single phase motor on a common base plate having suction & discharge 1" X 1" and 40' head as approved including excavation, cast of RC foundation in ratio 1:2:4 S.R.C fairface including supply and installation of foundation bolts and nuts etc. of required dia meter. Complete in all respect as per instructions of the Engineer-in-Charge.	1	Each		
49	3" DIA NON RETURN VALVE Providing & fixing 1½" dia non return valve. Complete in all respect as per instructions of the Engineer-in-Charge.	1	Each		
Cost of Plumbing Works				Rs=	

REPAIR AND RENOVATION OF GIBCE GHARO, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Electrical Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
50	WIRING FOR LIGHT / FAN Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required.(Page No. 15, Item No. 124)	10	Per Point	1,130.00	11,300.00
51	WIRING FOR PLUG POINT Wiring for Plug point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required.(Page No. 15, Item No. 125)	2	Per Point	669.00	1,338.00
52	CEILING ROSE Providing and fixing bakelite ceiling rose with two terminals (Page No. 330, Item No. B-228)	2	Each	72.00	144.00
53	CEILING FAN Providing and fixing brass ceiling fan 56" i/c Fan Clamp good and best approved quality locally manufactured sweep ceiling fans complete with required down rod, blades, flexible cord PVC / PVC required to connect the fan etc. (Page No. 34, Item No. C-235)	1	Each	3,185.00	3,185.00
54	WIRING FOR LIGHT CIRCUIT Providing & Laying (Main or Sub Main) PVC insulated with size 2-3/.036 copper conductor wire in ¾" dia PVC conduit on surface. (Page No. 1, Item No. 2)	25.00	Per Meter	139.00	3,475.00
55	MAIN / SUB MAIN Providing and laying (MAIN or SUB MAIN) PVC insulated with size 2-7/044 copper conductor in 1" dia PVC conduit on surface. (Page No. 1, Item No. 5)	30.00	Per Meter	305.00	9,150.00
56	SWITCHES Providing and fixing one way SP 5 amp switch flush type (Page No. 330, Item No. 219)	5	Each	54.00	270.00

REPAIR AND RENOVATION OF GIBCE GHARO, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Electrical Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
57	SOCKET Providing and fixing 3 pin 5 amp plug & socket flush type (Page No. 330, Item No. 223)	1	Each	91.00	91.00
58	Providing and fixing 3 pin 10/15 amp plug & socket flush type (Page No. 330, Item No. 224)	2	Each	151.00	302.00
Sub Total				Rs=	29,255.00
_____ % below / above				Rs=	
Cost of Electrical Work (Scheduled Items)				Rs=	

REPAIR AND RENOVATION OF GIBCE GHARO, TALUKA MIRPUR SAKRO (REMAINING WORK)

GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Electrical Works) NSI

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
59	LIGHTING Providing and fixing TMS 240 with 2 X 36 W light and light fixtures. Complete in all respect as per drawing, design, specification and instructions of the Engineer-in-Charge. (all lighting and fixtures should be Philips make or equalvent) Complete in all respect as per instructions of Engineer-in-Charge.	6	Each		
60	CONDUIT Supply & fixing 1" dia PVC conduit with all special such as bends, socket, junction etc. recessed in the wall or columns as required. Complete in all respect as per instructions of the Engineer-in-Charge.	100	Per Rft		
61	FAN DIMMER Providing & fixing Polycarbonate flame retardant, 400 watts fan dimmer with plate fixed on die fabricated powder coated metal board recessed in wall or column including connection as required. Complete in all respect as per instructions of Engineer-in-Charge.	1	Each		
62	EXHAUST FAN Making Hole of Exhaust Fan 8" Size with cutting plaster of the wall and finsh good the same as required.	1	Each		
63	Supply & Installation of 8" dia plastic body exhaust fan including all civil works required for complete installation and including all labour and materials as required. Complete in all respect as per instructions of Engineer-in-Charge.	1	Each		
64	TELEPHONE CABLE Supply, installation, connecting, testing and commissioning of 2 Pair telephone cable in already installed under floor trunking and conduit. Complete in all respect as per instructions of Engineer-in-Charge.	50.00	P/Rft		

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GUARD-ROOM AND BATHROOM BILL OF QUANTITIES

(Electrical Works) NSI

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
65	EARTHING SET Providing and fixing earthing set with 600 mm X 600 mm X 6 mm copper plate buried in the ground at a depth of 3.6 m or less if water come out from the ground level (with salt and charcoal, or earth chemical powder) etc., making the pit 3.6 m feet deep by excavation of all type of soil (except soft or hard rock) including fixing of 8 SWG copper wire in 13 mm GI pipe. Complete in all respect as per instructions of Engineer-in-Charge.	1	P/Job		
66	ELECTRIC WATER COOLER Providing and fixing of electric water cooler capacity 20 US gallons (MECO Model ME-30SS) totally rust proof, pressure type with stainless steel body as manufactured by MECO including 3 stage water filter (mabzi or equivalent) as approved by the Engineer-in-Charge.	1	Each		
Cost of Electrical Work (NSI)				Rs=	

REPAIR AND RENOVATION OF GIBCE GHARO, TALUKA MIRPUR SAKRO (REMAINING WORK)

EXTERNAL DEVELOPMENT BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	KERB STONE Providing and fixing Precast Edge Block 3750 PSI Industrial made size 6" thick x 12" long x 18" 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. VOL-III (Part-VI) (Page No. 15, Item No. 14)	650.00	Per Rft	297.01	193,056.50
2	PAVING BLOCKS Providing and fixing cement paving blocks flooring having size of 197 X 197 X 80 (mm) of city / quddra . Cobble shape with pigmented having strength between 5000 psi to 8500 psi including filling the joints with hill sand and laying in specified manner / pattern and design etc. complete (Page No. 49, Item No. 74)	4,500.00	Per Sft	248.17	1,116,765.00
3	CC 1:4:8 3" thick cement concrete plain (ratio 1:4:8) including placing compacting, finishing and curing complete (including screining and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-i)	990.00	%Cft	11,288.75	111,758.63
4	SITU 1:3:6 Cement concrete plain (ratio 1:3:6) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-h+17/19b(i))	1,250.00	%Cft	16,183.48	202,293.50
5	IMPORTED EARTH FILL Filling, watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Page No. 4, Item No. 22)	70,000.00	%0Cft	3,630.00	254,100.00
6	Add: extra lead 6 mile (referred from carriage of materials schedule)	70,000.00	%Cft	771.96	540,372.00

REPAIR AND RENOVATION OF GIBCE GHARO, TALUKA MIRPUR SAKRO (REMAINING WORK)

EXTERNAL DEVELOPMENT BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
7	SUB FLOORING 3" thick - ratio (1:3:6) 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-h)	100.00	%Cft	12,595.00	12,595.00
8	SEWAGE MANURE Supplying, stacking and spreading well decayed sewage manure from approved sources including all leads and lifts. (Page No. 103, Item No. 44)	5,000.00	P.Cart Load	298.12	1,490,600.00
Sub Total				Rs=	3,921,540.63
_____ % below / above				Rs=	
Cost of Civil Work (Scheduled Items)				Rs=	

REPAIR AND RENOVATION OF GIBCE GHARO, TALUKA MIRPUR SAKRO (REMAINING WORK)

EXTERNAL DEVELOPMENT BILL OF QUANTITIES

(Civil Works) NSI

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
9	STONE SOLING Providing and laying soling stone 6" to 9" thick under floor including packing with spawls and chips and consolidation with compactor, watering etc. complete in all respect as per instructions of the Architect / Engineer-in-Charge.	2,050.00	Per Cft		
10	SUPPLY GARDEN SOIL (SWEET EARTH) Supply and stacking garden approved garden soil (sweet earth) free from salts, pebbles and grass roots etc. including all leads and lifts. Complete in all respect as per specification and instructions of the Architect / Engineer-in-Charge.	25,000.00	Per Cft		
11	Spreading approved garden soil (sweet earth) in uniform thickness including mixing and breaking clods and dressing fine for grassing including disposal of rubbish with 3 chains (92 m) Complete in all respect as per specification and instructions of the Architect / Engineer-in-Charge.	25,000.00	Per Cft		
12	GRASSING Grassing fine by dribbling grass roots 3" apart including watering, weeding till such time the grass is set and becomes green and is fit for mowing. Complete in all respect as per specification and instructions of the Architect / Engineer-in-Charge.	25,000.00	Per Sft		
13	Supply and plantation of approved plants upto required depth in uniform thickness including mixing and dressing complete in all respect as per instructions of the Engineer-in-Charge.	300	Each		
Cost of Civil Work (NSI)				Rs=	

REPAIR AND RENOVATION OF GIBCE GHARO, TALUKA MIRPUR SAKRO (REMAINING WORK)

EXTERNAL DEVELOPMENT BILL OF QUANTITIES

(Electrical Works) NSI

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	100 KVA Transformer	1	No		
2	Double pole mounted plated for	1	No		
3	D-Fitting fuse set (complete)	1	No		
4	Conductor ACSR Rabbit	21	Mtr		
5	Aluminium (Conductor) ANT	530	Mtr		
6	11 KV Steel Cross Arm	2	No		
7	11 KV pins for above	3	No		
8	Earthing unit welded type	2	Set		
9	P.G. connector 110	3	Mtr		
10	M.S.Nut + Bolt 2 X 5 /8	6	No		
11	Bolt HE X Steel Nut 14" X 5" X 8" X 2¼"	6	Mtr		
12	Round washer	6	No		
13	Square Washer	6	No		
14	LT Steel structure 31'	12	No		
15	G.I. Wire 6 mm for earthing	4	Kg		
16	D-Strip	8	No		
17	Shackle Insulator	8	No		
	Concrete Work				
18	Rounding of LT Structure	12	No.		
19	Fixing Earth R oad	2	No.		
	Total				
K Electric Charges 15% except item No. 18 & 19					
Installation & Store Charges 20% except item No. 18 & 19					
Grand Total					