

NEW CONSTRUCTION AT GPI, ZAMAN TOWN, KORANGI, KARACHI

SUMMARY OF COST

S #	SUB HEAD	TOTAL AMOUNT
1	REPAIR & RENOVATION WORK	
	Cost of Civil Work (Scheduled Items) (Page No. 02 - 05)	Rs=
	Cost of Civil Work (Non-Scheduled Items) (Page No. 06 - 06)	Rs=
	A	Rs=
	Cost of Boundry Wall (Scheduled Items) (Page No. 07 - 07)	Rs=
	Cost of Boundry Wall (Scheduled Items) (Page No. 08 - 08)	Rs=
	B	Rs=
	Cost of External Work (Scheduled Items) (Page No. 09 - 09)	Rs=
	Cost of External Work (Non-Scheduled Items) (Page No. 10 - 10)	Rs=
	C	Rs=
	Cost of Electrical Work (Scheduled Items) (Page No. 11 - 13)	Rs=
	(INTERNAL WORK)	
	Cost of Electrical Work (Non- Scheduled Items) (Page No. 14 - 15)	Rs=
	(INTERNAL WORK)	
	D	Rs=
	Plumbing Work (Scheduled Items) (Page No. 16 - 19)	Rs=
	Plumbing Work (Non-Scheduled Items) (Page No. 20 - 21)	Rs=
	E	Rs=
Total Cost of Repair & Renovation Work (A+B+C+D)		Rs=

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	DISMANTLING				
a	Dismantling cement concrete reinforcement separating reinforcement from concrete cleaning and straightening the same. (Page No. 10, Item No.20)	500.00	%Cft	5,445.00	27,225.00
b	Dismantling cement concrete plain 1:3:6 (Page No 10, Item No. 19-B)	200.00	%Cft	1,306.80	2,613.60
c	Dismantling gkazed or encaustic tiles(Page No 13, Item No. 55)	1,000.00	%Sft	786.50	7,865.00
d	Dismantling bricks works in lime or cement mortar (Page No. 10, Items No. 13)	200.00	%Cft	1,285.63	2,571.26
2	REMOVAL OF PLASTER				
	Removing cement or lime plaster. (Page No.13, Item No.33)	4,000.00	%Sft	121.00	4,840.00
3	REMOVAL OF DOORS & WINDOWS				
	Removing cement or lime plaster. (Page No.13, Item No.33)	65.00	Each	142.18	9,241.70
4	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)	36,000.00	Per Sft	9.74	350,640.00
5	SURFACE RENDERING				
a	Cement Plaster 1:5 upto 12' height ½" thick Ceiling & Wall Plaster (Page No.51, Item No. 12-b)	3,500.00	%Sft	2,241.80	78,463.00
b	¾" thick <u>Wall Plaster</u> (Page No.51, Item No. 12-b)	3,500.00	%Sft	2,241.80	78,463.00
c	¾" thick Wall Plaster (Page No.51, Item No. 12-c)	3,500.00	%Sft	2,678.50	93,747.50

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
6	SUB-FLOORING 1:3:6 Cement concrete plain (ratio1:3:6) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No.15, Item No.5h+17/19b(i))	2,043.46	%Cft	12,595.00	257,373.79
7	GALZED CERAMIC TILES (BATHROOM) Laying floors of approved coloured glazed tile ¼" thick laid in white cement and pigment on a bed of ¾" thick cement mortar 1:2. (Page No. 42, Item No. 25)	250.00	%Sft	27,747.06	69,367.65
8	GLAZED TILE DADO (BATHROOM) Glazed tiles dado ¼" thick laid in pigment over 1:2 cement sand mortar ¾" thick including finishing. (Page No. 44, Items No. 38)	500.00	%Sft	28,299.30	141,496.50
9	POLISH Applying chemical polishing on existing mosaic / marble flooring / dado including cleaning, grinding with carborandum stone / sand paper and applying chemical as per requirment. (Page No. 48, Item No. 70)	36,000.00	Per Sft	36.60	1,317,600.00
10	MARBLE TILE Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (¾" thick) Page No. 42, Item No. 28	300.00	Per Sft	567.00	170,100.00
11	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 & Window (Rs. 998.46)	1,580.00	Per Sft	998.46	1,577,566.80
12	G.I FRAME WORK 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, filing with cement sand slurry of ratio 1:6 and repairing the jambs. The cost aslo includes all carriage tools and plants used in making and fixing. (Page No. 92, Item No. 29)	100.00	Per Rft	228.90	22,890.00

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

BILL OF QUANTITIES

(Civil Works)

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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
13	MARBLE SKITTING Providing and fixing 3/8" thick marble tiles of aproved 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 for old works. (Page No. 48, item No. 68)	100.00	Per Sft	201.07	20,107.00
14	SCRAPPING PAINT Scrapping ordinary distemper, oil bound distemper or paint on walls. (Page No. 13, Item No. 54-b)	121,000.00	%Sft	226.88	274,524.80
15	DISTEMPERING Preparing surface and painting with Distemper- 1st coat over priming coat (Page No. 53, Item No. 24-c) 3 Coats	36,000.00	%Sft	1,079.65	388,674.00
16	INTERNAL WALL PAINTING Preparing 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)	85,000.00	%Sft	3,444.38	2,927,723.00
17	ALUMINUM WINDOWS Supply & fixing Delux Model (Bronze) in psition Aluminum channels framing for sliding wondows & ventilatorsof Alcop made with 5mm thick tinted glass glazing (Belgium) & Aluminum fly screen including handless stoppers & locking arrangement etc. complete (Page No. 107, Item No. 84b)	89.00	Per Sft	1,647.69	146,644.41

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
18	IRON GRILL Providing and fixing iron 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)	6,440.00	Per Sft	194.16	1,250,390.40
19	DOOR LOCKS Providing and fixing with C.P brass screws Alpha knob set lock of approved design, manufacturer, and color, cutting wood to required shape and size with three operation keys (Taiwan make). Complete in all respect as per specification & instruction of the Engineer-in-Charge	80.00	each	2,531.00	202,480.00
20	WOODEN ARCHITRAVE Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½" as directed by Engineer-in-Charge. (Page No. 60, Item No. 60)	2,800.00	Per Rft	49.97	139,916.00
21	CEMENT TILES Coloured cement tiles (Pattern 12" X 12" X 1") of approved shade and pattern laid flat in 1:2 grey cement mortar over a bed ¾" thick grey cement mortar 1:2. (Page No. 46, Item No.29)	6,160.00	%Sft	9,424.84	580,570.14
22	EXTERNAL GRAPHICE WORK Preparing the surface and applying rock wall / shield (Nature wall texture) coating to provide durable curst to wall thickness between 2mm to 32 mm (¾") with acrylic co-polymer emulsion, seleted marble chips, adhesive and bactericides water resistance and fire and termite resistance (upto 20'-0" height). Page No. 55, Item No. 43)	45,024.00	%Sft	4,504.50	2,028,106.08
23	ROOF SCREEDING 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)	36,000.00	%Sft	1,887.40	679,464.00
Sub Total				Rs=	12,850,664.63
_____ above / below				Rs=	_____
Cost of Scheduled Items (Civil Work)				Rs=	_____

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

BILL OF QUANTITIES

(Civil Works)

Non-Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
24	STONE SOLING Providing and laying soling stone 6" to 9" thick under floor including packing with sprawls and chips and consolidation with compactor, watering etc. complete in all respect as per instructions of the Architect / Engineer-in-Charge.	2581.00	Per Cft		
25	C.C GOLA Providing and laying gola 3" X 3" concrete 1:2:4 using graded screened bajri at junction of slab and walls and finished with cement plater 1:4 including curing etc. complete	2,025.00	RFT		
26	NATIONAL TILE FLOORING Providing and laying First grade Pakistani tiles of National mae approved thickness, size, colour / shade and pattern etc in any floor at any height over ½: thick base of cement mortar 1:2 setting of tils in slurry of white cement over mortar base, and washing the tiles curing and cleaning etc. complete in all respect as per drawing and direction of the Engineer-in-Charge	800.00	Per Sft		
27	REPAIRING OF MANHOLE Cleaning of existing manhole and repairing as plastering in double layers ¾" & ¾" respectively, CC flooring of 2" to 3" thickness, supply & fixing C.I. Cover & frame of existing size and all connections as required and make the manhole functional. Complete all work in all respect as per requirement of site and as per instructions of the Engineer-in-Charge.	15.00	Each		
Sub Total				Rs=	

NEW CONSTRUCTION AT GPI, ZAMAN TOWN, KORANGI, KARACHI (BOUNDARY WALL)

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
28	DISMANTLING Dismantling cement concrete reinforcement separating reinforcement from concrete cleaning and straightening the same. (Page No. 10, Item No.20)	50.00	%Cft	5,445.00	2,722.50
a					
b	Dismantling cement concrete plain 1:3:6 (Page No 10, Item No. 19-B)	100.00	%Cft	1,306.80	1,306.80
c	Dismantling bricks works in lime or cement mortar (Page No. 10, Items No. 13)	500.00	%Cft	1,285.63	6,428.15
29	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)	580.00	%Sft	977.40	5,668.92
30	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)	0.00	%Sft	2,567.95	0.00
31	ANGLE IRON FOR BARBED WIRE Providing and fixin angle iron vertical posts for barbed wire fencing of size 2" X 2" "¼" embedded in RCC masonry pillars i/c making cuts / holders @ 12" i/c fixing in pillars by chiseling and filing with cement sand mortar saprining & finishing the surface. (Page No.94, Item No.8	580.00	Per Rft	169.18	98,124.40
32	BARBED WIRE Providing and fixing barbed wire fencing with 12 gauge 4 points @ 6" apart barbed wire i/c straightening and fixing in angle iron vertical posts.	5,200.00	Per Rft	8.38	43,576.00

NEW CONSTRUCTION AT GPI, ZAMAN TOWN, KORANGI, KARACHI (BOUNDARY WALL)

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
33	STEEL DOOR 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 of 2" x 2" x 3/8" with 1" diameter M.S bars placed @ 4: center to center with a separate locking box having size of 12" x 12" of M.Steel Sheet embedded in masonry with proper locking arrangement as per approved designed 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. (S.I.No.27/P-93)d	150.00	Per Sft	930.76	139,614.00
Sub Total				Rs=	297,440.77
_____ above / below				Rs=	
Cost of Scheduled Items (Civil Work)				Rs=	

(Civil Works)

Non-Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
34	PLASTER PATCHES (WALL) Plastering 3/4" to 1" thick patches in cement and sand mortar 1:4 including curing and scarping old damaged portion in regular shape and removal of rubbish from the site etc. complete as per direction of Engineer-in-Charge in ground floor in two layers. (upto any height and any floor)	3,000.00	Per Sft		
Sub Total				Rs=	

NEW CONSTRUCTION AT GPI, ZAMAN TOWN, KORANGI, KARACHI (EXTERNAL DEVELOPMENT)
BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
35	IMPORTED EARTH FILL				
a	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	12,000.00	%0Cft	36,300.00	435,600.00
b	Add: extra lead 6 mile (referred from carriage of material schedule	12,000.00	%0Cft	774.96	9,299.52
36	CEMENT TILES				
	Coloured cement tiles (Pattern 12" X 12" X 1") of approved shade and pattern laid flat in 1:2 grey cement mortar over a bed ¾" thick grey cement mortar 1:2. (Page No. 46, Item No.29)	2,500.00	%Sft	9,424.84	235,621.00
37	CC IN FOUNDATION				
	Cement concrete plain (ratio1:4:8) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No.15, Item No.5-i)	1,175.00	%Cft	11,288.75	132,642.81
38	SITU 1:3:6				
	Cement concrete plain (ratio1:3:6) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No.15, Item No.5h+17/19b(i))	450.00	%Cft	12,595.00	56,677.50
39	FORM WORK				
	Erection and removal of centering RCC or plain cement concrete works of Partal wood (2nd Class) Horizontal (Page No.17, Item No.19-bi)	1075	% Sft	3,588.48	38,576.16
Sub Total				Rs=	908,416.99
_____ above / below				Rs=	_____
Cost of Scheduled Items (Civil Work)				Rs=	_____

NEW CONSTRUCTION AT GPI, ZAMAN TOWN, KORANGI, KARACHI (EXTERNAL DEVELOPMENT)
BILL OF QUANTITIES

(Civil Works)

Non-Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
40	STONE SOLING Providing and laying soling stone 6" to 9" thick under floor including packing with sprawls and chips and consolidation with compactor, watering etc. complete in all respect as per instructions of the Architect / Engineer-in-Charge.	1850.00	Per Cft		
41	KERB STONE Providing and laying Road Kerb of percast cement concrete 1:2:4 (24" long 6" wide and 12" deep) using screened graded bajri, from work and its removal compacting and curing laid in cement mortar 1:4 and cement plaster 1:4 neatly finished including cost of excavation and backfilling of excavated stuff and its disposal as directed. complete in all respect as per design, specification and instruction of the Architect/ Engineer-in-Charge	200.00	Each		
Sub Total				Rs=	
_____ above / below				Rs=	
Cost of Scheduled Items (Civil Work)				Rs=	

NEW CONSTRUCTION AT GPI, ZAMAN TOWN,KORANGI, KARACHI (ELECTRICAL WORK)

BILL OF QUANTITIES

(Electrical Works)
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
42	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 wall or in columns as required.(Page No. 15, Item No. 124)	10.00	Per Point	1,130.00	11,300.00
43	POINT WIRING IN EXISTING/GIVEN CONDUIT/ PVC DUCT Wiring for light or fan or call bell point with 1.5 mm ² PVC insulate wire in all kinds of existing or given conduit/cable duct including, 1mm ² single core PVC insulated wire as ECC as required	10.00	Per Point	338.66	3,386.60
44	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. 126)	10.00	Per Point	985.00	9,850.00
45	CALL BELL Wiring for call bell point with 31.029 PVX insulated wire n 20mm (3/4") PVC conduct recessed in the wall or colum as required	2.00	Per Point	1,764.00	3,528.00
46	CEILING ROSE Providing and fixing bakelite ceiling rose with two terminals (Page No. 330, Item No. B-228)	15	Each	72.00	1,080.00
47	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)	135	Each	3,185.00	429,975.00
48	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)	2,000.00	Per Meter	139.00	278,000.00

NEW CONSTRUCTION AT GPI, ZAMAN TOWN,KORANGI, KARACHI (ELECTRICAL WORK)

BILL OF QUANTITIES

(Electrical Works)
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
49	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)	250.00	Per Meter	305.00	76,250.00
50	Providing and laying (MAIN or SUB MAIN) PVC insulated with size 2-7/064 (16 mm ²) copper conductor in 1" dia PVC conduit recessed in the wall. (Page No. 2, Item No. 14)	100.00	Per Meter	641.00	64,100.00
51	MAIN / SUB MAIN Providing and laying (MAIN or SUB MAIN) PVC insulated & PVC sheeted with 4 core copper conductor 600/1000 volts size 10m2 (Page No. 12, Item No. 101)	2,000.00	Per Meter	742.00	1,484,000.00
52	MAIN / SUB MAIN Providing and laying (MAIN or SUB MAIN) PVC insulated & PVC sheeted with 4 core copper conductor 600/1000 volts size 70mm2 (Page No. 12, Item No. 106)	100.00	Per Meter	4,722.00	472,200.00
53	AMPERE METER Providing & fixing ammeters size 96/96mm Direct 15A, 50A, 60A, 100A as required & as per instruction of EI. (Page No 41, Item No. 284)	1.00	Per No	1,054.00	1,054.00
54	VOLT METER Providing & fixing voltmeters size 96/96mm 500volt as required & as per instruction of EI. (Page No 41, Item No. 285)	1.00	Per No	999.00	999.00
55	CURRENT TRANSFORMER Providing & fixing Current Transformer rating 30/5amp (round) RLC-30 as required & as per instruction of EI. (Page No. 39, Item No. 268)	3.00	Per No	1,191.00	3,573.00
56	Providing and fixing one way SP 5 amp switch flush type (Page No. 330, Item No. 219)	320	Each	54.00	17,280.00
57	Providing and fixing 3 pin way 5 amp plug & socket flush type (Page No. 330, Item No. 223)	100	Each	91.00	9,100.00
58	Providing and fixing 3 pin 10/15 amp plug & socket flush type (Page No. 330, Item No. 224)	10	Each	151.00	1,510.00

NEW CONSTRUCTION AT GPI, ZAMAN TOWN,KORANGI, KARACHI (ELECTRICAL WORK)

BILL OF QUANTITIES

(Electrical Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
59	Providing and fixing circuit breaker 6,10,15,20,30,40,50,&63 amps DP (TB-55)on prepared board as required. (Page No. 31/204)	100	Each	2,456.00	245,600.00
60	Providing and fixing circuit breaker 15,20,30,40,50,60,75 & 100 amps TP (XS-100NS) on prepared board as required. (Page No. 31/207)	20	Each	9,261.00	185,220.00
Sub Total				Rs=	3,298,005.60
_____ above / below				Rs=	
Cost of Civil Work (Scheduled Items)				Rs=	

NEW CONSTRUCTION AT GPI, ZAMAN TOWN,KORANGI, KARACHI (ELECTRICAL WORK)

BILL OF QUANTITIES

NSI - Electrical Works

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
61	EXHAUST FAN Supply & Installation of 12" dia metal body exhaust fan including all civil works required for complete installation and including making hole for the exhaust fan in wall and making it good, all labour and materials as required Complete in all respect as per instructions of Engineer-in-Charge.	10	Each		
62	Providing & fixing Cubical type metal sheet Distribution board with locking arrangement as per drawing ,vermin protected duly powder coated paint i/c all fastening material including wiring with suitable gauge PVC x PVC wire complete as required. As approved by the Consultant.	40	Per Sft		
63	FAN DIMMER Providing & fixing polycarbonate flame retardant fan dimmer with plate fixed on existing board recessed in wall or column including connection as required. Complete in all respect as per instructions of Engineer-in-Charge.	135	Each		
64	FAN CLAMP BOX Providing & fixing 75 mm X 100 mm X 113 mm size (14SWG) thick recessed type fan clamp box 13 mm dia MS bar fan clamp fixed in roof at casting time as required. Complete in all respect as per instructions of Engineer-in-Charge.	10	Each		
65	LIGHTING Providing and fixing LED 18W 10" size square / round light and 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 equivalent) Complete in all respect as per instructions of Engineer-in-Charge.	226	Each		

NEW CONSTRUCTION AT GPI, ZAMAN TOWN,KORANGI, KARACHI (ELECTRICAL WORK)

BILL OF QUANTITIES

NSI - Electrical Works

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
66	LIGHTING Providing and fixing LED search light 50W with complete fixtures. Complete in all respect as per specification and instructions of the Engineer-in-Charge. (all lighting and fixtures should be Philips make or equivalent).	20	Each		
67	ELECTRIC WATER COOLER Providing and fixing of electric water cooler 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. (40 gln capacity)	2	Each		
68	P/F 20 amps double pole MCCB in metal board recessed in the wall / flush type including incoming and outgoing connection as required. Complete in all respect as per direction of the Engineer-in-Charge.	3	Each		
69	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.	2	Job		
Cost of Electrical Work				Rs=	

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

COST ESTIMATE

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
49	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)	5	Each	5,728.80	28,644.00
50	EUROPEAN WC Providing and fixing European white glazed earthen ware wash down W.C. Pan complete with and including the cost of white / black plastic seat (best quality) and lid with c.p. brass hinges and buffers, 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1½" dia white porcelain enamelled flush bend ¾" dia and making requisite number of holes in walls plinth and floor for pipe connections and making good in cement 1:2:4 (foreign quality) Page No. 2, Item No. 5.	1	Each	4,440.70	4,440.70
51	GULLY TRAP Providing and fixing 6" X 6" X 4" CC Gully 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)	15	Each	1,193.17	17,897.55
52	NYLON CONNECTION Providing and fixing in position nylon connection complete with ½ dia brass stop cock with pair of bass nuts and lining joints and nylon connections. (CH-I, Page No. 6, Item No. 22)	12	Each	689.00	8,268.00

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

COST ESTIMATE

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
53	LAVATORY BASIN Providing and fixing 24" X 18" 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 coats after a primary coat of red lead paint a pair 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) Page No. 3, Item No. 10.	6	Each	4,928.00	29,568.00
54	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	5	Each	10,322.40	51,612.00
55	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)	3	Each	2,024.43	6,073.29
56	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
57	TEE STOP COCKS Supply and fixing ½" dia concealed tee stop cock of superior quality with cap head (CH-VI-Page No. 18, Item No. 12-b)	14	Each	889.46	12,452.44

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

COST ESTIMATE

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
58	LONG BIB COCKS Supply and fixing ½" dia long bib cock of crystal head of superior quality. Complete (CH-VI-Page No. 19, Item No. 13-b)	1	Each	1,384.24	1,384.24
59	PILLER COCK Supply and fixing swan type piller cock of superior quality with crystal head. complete (CH-VI, Page No. 19, Item No. 16-b)	1	Each	877.80	877.80
60	MUSLIM SHOWER 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
61	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)	6	Each	843.92	5,063.52
62	LOOKING MIRROR Providing and fixing 24" X 18" bavelled edge mirror of Belgium glass complete with ⅝" thick hard. (Superior Quality) CH-II-Page No. 7, Item No. 3-b	10	Each	2,376.00	23,760.00
63	WAHING BASIN MIXTURE Supply and fixing wash basin mixture of superior quality with C.P Head 1/2" dia (Page No. 19, Item No. 14-b)	6	Each	2,376.00	14,256.00
64	TOWEL RAIL Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p.brass screws. (CH-II, Page No. 7, Item No. 1-III-b)	1	Each	972.95	972.95
65	HANDLE VALVE Providing and fixing handle valves (china) with wheels, threaded or flanged ends with rubber washers (standard pattern)				
a	CH-VI-Page No. 17, Item No. 5-ii	1	Each	271.92	271.92
b	CH-VI-Page No. 17, Item No. 5-iii	1	Each	365.42	365.42

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

COST ESTIMATE

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
66	MANHOLE (TYPE A SMALL) 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 ½" 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.	10	Each	14,748.00	147,480.00
Sub Total				Rs=	360,251.83
_____ above / below				Rs=	
Cost of Scheduled Items (Civil Work)				Rs=	

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

COST ESTIMATE

Non-Schedule Items (Plumbing Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
67	DOUBLE BIB COCK Providing and fixing chrome plated Muslim Double-Bib-Cock with Muslim Shower of (Master Make best quality). Complete in all respect as per instructions of Architect / Engineer-in-charge	4	Each		
68	PPRC 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.	250.00	Rft		
b	Do. Do ¾ inch (20 mm) Dia Pipe.	150.00	Rft		
c	Do. Do 1 inch (25 mm) Dia Pipe.	200.00	Rft		
d	Do. Do 1¼ inch (32mm) Dia Pipe	150.00	Rft		
69	U.P.V.C FOR DRAIN Providing and fixing Un Ployvinyl Chloride Pipe (P.V.C) "B" Class and tee, Bend & Elbow Specials etc. including cutting and fitting, complete with and including the cost of trench up to 1-1½ feet deep refilling, watering, ramming and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (working pressure 12/kg/cm²)		Rft		
70	NON RETURN VALVE Providing & fixing 1½" dia non return valve. Complete in all respect as per instructions of the Engineer-in-charge	1	Each		

REPAIRING AND MAINTENANCE WORK AT GPI (W) ZAMAN TOWN, KARACHI

COST ESTIMATE

Non-Schedule Items (Plumbing Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
71	U.P.V.C Providing and fixing Un Ployvinyl Chloride Pipe (P.V.C) "E" Class and tee, Bend & Elbow Specials etc. including cutting and fitting, complete with and including the cost of trench up to 1-1½ feet deep refilling, watering , ramming and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (working pressure 12/kg/cm ²)				
a)	Do. Do 3 inch (75 mm) Dia Pipe.	200.00	P.Rft		
b)	Do. Do 4 inch (100 mm) Dia Pipe.	350.00	P.Rft		
c)	Do. Do 6 inch (150 mm) Dia Pipe.	450.00	P.Rft		
Sub Total				Rs=	