

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI

SUMMARY OF COST

S #	SUB HEAD	TOTAL AMOUNT
1	PART A (Finishing Work)	
a	Civil Work (Schedule Item) (Page No. 02 - 05)	Rs=
b	Civil Work (Non-Schedule Item) (Page No. 06 - 07)	Rs=
	(A)	Rs=
2	PART B (New Construction Building) (Plinth Beam Area)	
a	Civil Work (Schedule Item) (Page No. 08 - 11)	Rs=
b	Civil Work (Non-Schedule Item) (Page No. 12 - 13)	Rs=
	(B)	Rs=
3	PART C (New Building) (Above Plinth Beam)	
a	Civil Work (Schedule Item) (Page No. 14 - 18)	Rs=
b	Civil Work (Non-Schedule Item) (Page No. 19 - 19)	Rs=
	(C)	Rs=
4	PART D (Auditorium)	
a	Civil Work (Schedule Item) (Page No. 20 - 24)	Rs=
b	Civil Work (Non-Schedule Item) (Page No. 25 - 25)	Rs=
	(D)	Rs=
5	PART E (Plinth Protection)	
a	Civil Work (Schedule Item) (Page No. 26 - 26)	Rs=
b	Civil Work (Non-Schedule Item) (Page No. 27 - 27)	Rs=
	(E)	Rs=
6	PART F (Compound Wall)	
a	Civil Work (Schedule Item) (Page No. 28 - 29)	Rs=
	(F)	Rs=
7	PART G (External Development)	
a	Civil Work (Schedule Item) (Page No. 30 - 30)	Rs=
b	Civil Work (Non-Schedule Item) (Page No. 31 - 31)	Rs=
	(G)	Rs=
	PART H (Plumbing Work)	
	Plumbing Work (Schedule Item) (Page No. 32 - 35)	Rs=
	Plumbing Work (Non-Schedule Item) (Page No. 36 - 37)	Rs=
	(H)	Rs=
Total Cost of Civil Work (A+B+C+D+E+F+G+H)		Rs=

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(FINISHING WORK)

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	SURFACE RENDERING Cement Plaster 1:5 upto 12'				
(a)	¾" thick Wall Plaster (Page No.51, Item No. 12-c	10,000.00	%Sft	2,678.50	267,850.00
2	GLAZED TILE FLOORING Laying floors of approved coloured glazed tile ¾" thick laid in white cement and pigment on a bed of ¾" thick cement mortar 1:2. (Page No. 42, Item No. 25)	15,000.00	%Sft	27,747.06	4,162,059.00
3	GLAZED TILE DADO / SKIRTING White glazed tiles ¾" thick dado jointed in white cement and lain over 1:2 cement sand mortar ¾" thick including finishing. (Page No. 44, Items No. 37)	1,200.00	%Sft	28,253.61	339,043.32
4	GALZED CERAMIC TILES (BATHROOM) Laying floors of approved coloured glazed tile ¾" thick laid in white cement and pigment on a bed of ¾" thick cement mortar 1:2. (Page No. 42, Item No. 25)	300.00	%Sft	27,747.06	83,241.18
5	GLAZED TILE DADO (BATHROOM) Glazed tiles dado ¾" thick laid in pigment over 1:2 cement sand mortar ¾" thick including finishing. (Page No. 44, Items No. 38)	1,200.00	%Sft	28,299.30	339,591.60
6	MARBLE ON STAIRS STEPS 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	400.00	%Sft	977.40	3,909.60
7	DOOR & WINDOWS First class deodar wood wrought, joinery in doors and windows etc. fixed in position including chowkats hold fast hinges, iron hooks, etc. (Page No. 57, Item No. 7b)	1,600.00	Per Sft	998.46	1,597,536.00

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(FINISHING WORK)

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
8	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, filing 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)	400.00	Per Rft	228.90	91,560.00
9	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)	800.00	Per Rft	49.97	39,976.00
10	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)	1,500.00	%Sft	2,116.41	31,746.15
11	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)	1,600.00	Per Sft	194.16	310,656.00
12	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)	3,200.00	%Sft	977.40	31,276.80
13	ALUMINUM WINDOWS Supply & fixing Deluxe Model (Bronze) in position Aluminum channels framing for sliding windows & ventilators of 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)	1,500.00	Per Sft	1,318.15	1,977,225.00

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(FINISHING WORK)

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
14	FALSE CELING Supplying and fixing false ceiling of plaster of paris in panels including making frame work of deodar wood including painting with soligia paint. (Page No. 63, Item No. 52)	5,400.00	%Sft	25,293.42	1,365,844.68
15	PRIMING COAT Priming Coat of chalk distemper (Page No.53, item No.22)	15,000.00	%Sft	442.75	66,412.50
16	DISTEMPERING Preparing surface and painting with Distemper- 1st coat over priming coat (Page No. 53, Item No. 24-c) 3 Coats	15,000.00	%Sft	1,079.65	161,947.50
17	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)	25,000.00	%Sft	3,444.38	861,095.00
18	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)	10,000.00	%Sft	2,567.95	256,795.00

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(FINISHING WORK)

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
19	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)	16,000.00	%Sft	4,411.82	705,891.20
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)	16,000.00	%Sft	1,887.40	301,984.00
20	EXPENTION JOINTS				
(a)	Providing and pleasing in position chip board ¾" thick for filling space between expansion joints of building. (Page No. 108, Item No. 93)	200.00	Per Sft	930.76	186,152.00
(b)	Providing and fixing Aluminum sheet 6" to 9" with V Notch for expansion joints including fixing with nails / screws. (Page No. 108, Item No. 88)	200.00	Per Sft	207.51	41,502.00
Sub Total				Rs=	13,223,294.53
_____ above / below				Rs=	_____
Cost of Scheduled Items (Civil Work)				Rs=	_____

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(FINISHING WORK)

BILL OF QUANTITIES

(Civil Works)
Non-Schedule

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
21	HANDRAILING Providing, fabricating and fixing staircase railing with 2" dia S.S. 16" handrail gauge and 1½" dia balustrade and ½" dia intermediate horizontal bars etc. complete hand railing as per detail on drawing embedded properly in RCC works. Complete in all respect as per drawing, specification and instruction of the Architect / Engineer-in-Charge	100.00	Per Rft		
22	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	55.00	each		
23	DOOR CLOSER Providing and fixing with brass screws or specially supplied screws hydraulic door closer of approved design and manufacturer, cutting wood etc to required shape and size (Japan make). Complete in all respect as per specification and instruction of the Engineer-in-Charge.	5.00	each		
24	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	500.00	RFT		

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(FINISHING WORK)

BILL OF QUANTITIES

(Civil Works)
Non-Schedule

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
25	WATER STORAGE TANK OVER ROOF Construction of storage tank over roof of the required size poured and cast in RCC 1:2:4 including formwork in all walls and slabs laying 2" thick 1:4 cement concrete floor finished with neat cement slurry, ½" thick cement plaster in 1:3 cement mortar internally all using approved water proofing agent pudlo or its equivalent grade @ 5lbs/bag of cement and ¾" thick in cement plaster in 1" to 3" cement mortar externally including curing etc. 1 no. manholes opening size 18"X18" and C.L water tight Manhole cover and frame weight 40. Kg/ each with proper locking arrangement complete all as per drawing and design in all respects	1,200.00	Per Glen		
Cost of Non-Scheduled Items (Civil Work)				Rs=	

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLINTH BEAM AREA)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
26	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 separately. This rate also includes all kind of forms molds 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, beamish columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
a	Slab and Projection (Ratio 1:2:4)	3,600.00	Per Cft	337.00	1,213,200.00
b	Super-Structure Columns - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ¾" to ¾" gauge	480.00	Per Cft	337.00	161,760.00
c	Lintels Projection (Ratio 1:2:4)	625.00	Per Cft	337.00	210,625.00
27	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)	1800.00	%Cft	15771.01	283,878.18
28	SURFACE RENDERING Cement Plaster 1:5 upto 12' height ¾" thick <u>Wall Plaster</u> (Page No.51, Item No. 12-b)	2,860.00	%Sft	2,241.80	64,115.48
(b)	¾" thick Wall Plaster (Page No.51, Item No. 12-c)	4,460.00	%Sft	2,678.50	119,461.10
29	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.	300.00	Per Cwt	5,001.70	1,500,510.00

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLINTH BEAM AREA)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
30	GLAZED TILE FLOORING 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)	6,600.00	%Sft	27,747.06	1,831,305.96
31	GLAZED TILE DADO 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
32	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)	110.00	%Sft	27,747.06	30,521.77
33	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)	400.00	%Sft	28,299.30	113,197.20
34	MARBLE ON STAIRS STEPS 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	240.00	%Sft	977.40	2,345.76
35	DOOR & WINDOWS First class deodar wood wrought, joinery in doors and windows etc. fixed in position including chowkats hold fast hinges, iron hooks, etc. (Page No. 57, Item No. 7b)	270.00	Per Sft	998.46	269,584.20

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLINTH BEAM AREA)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
36	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, filing 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)	160.00	Per Rft	228.90	36,624.00
37	ALUMINUM WINDOWS Supply & fixing Deluxe Model (Bronze) in position Aluminum channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) & Aluminum fly screen including handleless stoppers & locking arrangement etc. complete (Page No. 107, Item No. 84b)	400.00	Per Sft	1,318.15	527,260.00
38	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)	320.00	Per Rft	49.97	15,990.40
39	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)	535.00	Per Sft	194.16	103,875.60
40	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)	550.00	%Sft	977.40	5,375.70
41	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)	550.00	%Sft	2,116.41	11,640.26

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLINTH BEAM AREA)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
42	DISTEMPERING Preparing surface and painting with Distemper- 1st coat over priming coat (Page No. 53, Item No. 24-c) 3 Coats	6,600.00	%Sft	1,079.65	71,256.90
43	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)	6,600.00	%Sft	3,444.38	227,329.08
44	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)	3,000.00	%Sft	2,567.95	77,038.50
45	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)	6,600.00	%Sft	4,411.82	291,180.12
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)	6,600.00	%Sft	1,887.40	124,568.40
46	FALSE CELING Supplying and fixing false ceiling of plaster of paris in panels including making frame work of deodar wood including painting with soligia paint. (Page No. 63, Item No. 52)	1,800.00	%Sft	25,293.42	455,281.56
Sub Total				Rs=	7,889,421.66
_____ above / below				Rs=	_____
Cost of Scheduled Items (Civil Work)				Rs=	_____

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLINTH BEAM AREA)**

BILL OF QUANTITIES

(Civil Works)

Non- Schedule Item

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
47	FACING TILE Providing and fixing best quality approved Facing Tiles 24" X 24" of approved pattern and colour on $\frac{3}{4}$ thick cement plaster base ratio 1:4 (with matching colour slurry) upto any height. Complete in all respect as per drawings, specification and instruction of the Engineer-in-Charge	1,500.00	%Sft		
48	HANDRAILING Providing, fabricating and fixing staircase railing with 2" dia S.S. 16" handrail gauge and 1½" dia balustrade and ½" dia intermediate horizontal bars etc. complete hand railing as per detail on drawing embedded properly in RCC works. Complete in all respect as per drawing, specification and instruction of the Architect / Engineer-in-Charge	50.00	Per Rft		
49	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.	5,662.50	Per Cft		
50	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	2.00	each		
51	DOOR CLOSER Providing and fixing with brass screws or specially supplied screws hydraulic door closer of approved design and manufacturer, cutting wood etc to required shape and size (Japan make). Complete in all respect as per specification and instruction of the Engineer-in-Charge.	2.00	each		

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLINTH BEAM AREA)**

BILL OF QUANTITIES

(Civil Works)

Non- Schedule Item

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
52	WATER STORAGE TANK OVER ROOF Construction of storage tank over roof of the required size poured and cast in RCC 1:2:4 including formwork in all walls and slabs laying 2" thick 1:4 cement concrete floor finished with neat cement slurry, ½" thick cement plaster in 1:3 cement mortar internally all using approved water proofing agent pudlo or its equivalent grade @ 5lbs/bag of cement and ¾" thick in cement plaster in 1" to 3" cement mortar externally including curing etc. 1 no. manholes opening size 18"X18" and C.L water tight Manhole cover and frame weight 40. Kg/ each with proper locking arrangement complete all as per drawing and design in all respects	1,200.00	Per Glen		
Cost of Non-Scheduled Items (Civil Work)				Rs=	

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(ABOVE PLINTH BEAM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
53	EXCAVATION 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)	52,000.00	%0Cft	3,176.25	165,165.00
54	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	110,000.00	%0Cft	36,300.00	3,993,000.00
b	Add: extra lead 6 mile (referred from carriage of material schedule	110,000.00	%0Cft	774.96	85,245.60
55	CC IN FOUNDATION Cement concrete plain (ratio1:4:8) including placing compacting, finishing and curing complete (including screining and washing at stone aggregate without shuttering (Page No.15, Item No.5-i)	4,500.00	%Cft	11,288.75	507,993.75
56	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)	52,000.00	Per Sft	9.74	506,480.00
57	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 separately. This rate also includes all kind of forms molds 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, beamish columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(ABOVE PLINTH BEAM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
a	Plinth Beam (Ratio 1:2:4)	5,508.00	Per Cft	337.00	1,856,196.00
b	Columns Footing - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge	11,000.00	Per Cft	337.00	3,707,000.00
c	Slab and Projection (Ratio 1:2:4)	16,400.00	Per Cft	337.00	5,526,800.00
d	Super-Structure Columns - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge	4,000.00	Per Cft	337.00	1,348,000.00
e	Lintels Projection (Ratio 1:2:4)	2,875.00	Per Cft	337.00	968,875.00
58	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)	8300.00	%Cft	15771.01	1,308,993.83
59	SURFACE RENDERING				
a	Cement Plaster 1:5 upto 12' height ½" thick Wall Plaster (Page No.51, Item No. 12-b	13,140.00	%Sft	2,241.80	294,572.52
b	¾" thick Wall Plaster (Page No.51, Item No. 12-c	20,540.00	%Sft	2,678.50	550,163.90
60	GLAZED TILE FLOORING Laying floors of approved coloured glazed tile ¾" thick laid in white cement and pigment on a bed of ¾" thick cement mortar 1:2. (Page No. 42, Item No. 25)	30,400.00	%Sft	27,747.06	8,435,106.24
61	GLAZED TILE DADO Glazed tiles dado ¾" thick laid in pigment over 1:2 cement sand mortar ¾" thick including finishing. (Page No. 44, Items No. 38)	2,300.00	%Sft	28,299.30	650,883.90

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(ABOVE PLINTH BEAM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
62	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.	2,500.00	Per Cwt	5,001.70	12,504,250.00
63	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)	490.00	%Sft	27,747.06	135,960.59
64	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)	1,800.00	%Sft	28,299.30	509,387.40
65	MARBLE ON STAIRS STEPS 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	1,100.00	%Sft	977.40	10,751.40
66	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)	1,480.00	Per Rft	49.97	73,955.60
67	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, filing 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)	740.00	Per Rft	228.90	169,386.00

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(ABOVE PLINTH BEAM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
68	DOOR & WINDOWS First class deodar wood wrought, joinery in doors and windows etc. fixed in position including chowkats hold fast hinges, iron hooks, etc. (Page No. 57, Item No. 7b)	1,270.00	Per Sft	998.46	1,268,044.20
69	ALUMINUM WINDOWS Supply & fixing Deluxe Model (Bronze) in position Aluminum channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) & Aluminum fly screen including handleless stoppers & locking arrangement etc. complete (Page No. 107, Item No. 84b)	1,900.00	Per Sft	1,318.15	2,504,485.00
70	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)	2,465.00	Per Sft	194.16	478,604.40
71	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)	2,550.00	%Sft	977.40	24,923.70
72	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)	2,550.00	%Sft	2,116.41	53,968.46
73	PRIMING COAT Priming Coat of chalk distemper (Page No.53, item No.22)	30,400.00	%Sft	442.75	134,596.00
74	DISTEMPERING Preparing surface and painting with Distemper- 1st coat over priming coat (Page No. 53, Item No. 24-c) 3 Coats	30,400.00	%Sft	1,079.65	328,213.60

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(ABOVE PLINTH BEAM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
75	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)	30,400.00	%Sft	3,444.38	1,047,091.52
76	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)	12,000.00	%Sft	2,567.95	308,154.00
77	ROOF SCREEDING 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)	30,400.00	%Sft	4,411.82	1,341,193.28
a					
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)	30,400.00	%Sft	1,887.40	573,769.60
Sub Total				Rs=	51,371,210.49
_____ above / below				Rs=	_____
Cost of Scheduled Items (Civil Work)				Rs=	_____

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(ABOVE PLINTH BEAM)**

BILL OF QUANTITIES

(Civil Works)

Non- Schedule Item

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
78	HANDRAILING Providing, fabricating and fixing staircase railing with 2" dia S.S. 16" handrail gauge and 1½" dia balustrade and ½" dia intermediate horizontal bars etc. complete hand railing as per detail on drawing embedded properly in RCC works. Complete in all respect as per drawing, specification and instruction of the Architect / Engineer-in-Charge	250.00	Per Rft		
Cost of Non-Scheduled Items (Civil Work)				Rs=	

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(AUDITORIUM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
79	EXCAVATION 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)	11,000.00	%0Cft	3,176.25	34,938.75
80	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	15,000.00	%0Cft	36,300.00	544,500.00
b	Add: extra lead 6 mile (referred from carriage of material schedule	15,000.00	%Cft	774.96	116,244.00
81	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 Engineering-in0Charge (Page No.108, Item No.92)	5,000.00	SFT	9.74	48,700.00
82	CC IN FOUNDATION Cement concrete plain (ratio1:4:8) including placing compacting, finishing and curing complete (including screinig and washing at stone aggregate without shuttering (Page No.15, Item No.5-i)	1,000.00	%Cft	11,288.75	112,887.50
83	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 separately. This rate also includes all kind of forms molds 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, beamish columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(AUDITORIUM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
a	Plinth Beam (Ratio 1:2:4)	1,300.00	Per Cft	337.00	438,100.00
b	Columns Footing - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge	2,250.00	Per Cft	337.00	758,250.00
d	Super-Structure Columns - Ratio (1:2:4) 90 lbs cement 2 cft sand 4 cft shingle ½" to ¾" gauge	1,700.00	Per Cft	337.00	572,900.00
e	Lintels Projection (Ratio 1:2:4)	600.00	Per Cft	337.00	202,200.00
84	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))	800.00	%Cft	12,595.00	100,760.00
85	SUB FLOORING 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))	1,300.00	%Cft	12,595.00	163,735.00
86	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)	2850.00	%Cft	15771.01	449,473.79
87	SURFACE RENDERING				
a	Cement Plaster 1:5 upto 12' height ½" thick Wall Plaster (Page No.51, Item No. 12-b	8,400.00	%Sft	2,241.80	188,311.20
b	¾" thick Wall Plaster (Page No.51, Item No. 12-c	8,400.00	%Sft	2,678.50	224,994.00

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(AUDITORIUM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
88	GLAZED TILE FLOORING 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)	5,000.00	%Sft	27,747.06	1,387,353.00
89	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)	250.00	%Sft	3,912.85	9,782.13
90	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)	300.00	Sft	998.46	299,538.00
91	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.	370.00	Per Cwt	5,001.70	1,850,629.00
92	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)	400.00	%Sft	27,747.06	110,988.24
93	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)	800.00	%Sft	28,299.30	226,394.40

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(AUDITORIUM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
94	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, filing 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)	130.00	Per Rft	228.90	29,757.00
95	ALUMINUM WINDOWS Supply & fixing Deluxe Model (Bronze) in position Aluminum channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) & Aluminum fly screen including handleless stoppers & locking arrangement etc. complete (Page No. 107, Item No. 84b)	600.00	Per Sft	1,318.15	790,890.00
96	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)	230.00	Per Rft	49.97	11,493.10
97	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)	650.00	Per Sft	194.16	126,204.00
98	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)	650.00	%Sft	977.40	6,353.10
101	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)	600.00	%Sft	2,116.41	12,698.46

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(AUDITORIUM)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
102	PRIMING COAT Priming Coat of chalk distemper (Page No.53, item No.22)	500.00	%Sft	442.75	2,213.75
103	DISTEMPERING Preparing surface and painting with Distemper- 1st coat over priming coat (Page No. 53, Item No. 24-c) 3 Coats	5,000.00	%Sft	1,079.65	53,982.50
104	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)	8,400.00	%Sft	3,444.38	289,327.92
105	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)	5,400.00	%Sft	2,567.95	138,669.30
106	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)	5,000.00	%Sft	4,411.82	220,591.00
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)	5,000.00	%Sft	1,887.40	94,370.00
Sub Total				Rs=	9,617,229.13
_____ above / below				Rs=	_____
Cost of Scheduled Items (Civil Work)				Rs=	_____

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(AUDITORIUM)**

BILL OF QUANTITIES

(Civil Works)

Non- Schedule Item

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
107	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.	2,500.00	Per Cft	70.00	175,000.00
108	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	1,000.00	RFT	50.00	50,000.00
109	RAIN WATER DOWN PIPE Providing and fixing 4" dia polyvinyl chloride rain-water (PVC) down pipe with mild steel clamps / PVC Bend, PVC Socket, bend, bolts and nuts fixed in cement concrete 1:2:4 etc. complete.	100.00	P.Rft	283.29	28,329.00
Cost of Non-Scheduled Items (Civil Work)				Rs=	

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(PLINTH PROTECTION)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
110	EXCAVATION 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)	6,250.00	%0Cft	3,176.25	19,851.56
111	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	9,375.00	%0Cft	36,300.00	340,312.50
b	Add: extra lead 6 mile (referred from carriage of material schedule	9,375.00	%0Cft	774.96	7,265.25
112	CC IN FOUNDATION Cement concrete plain (ratio1:4:8) including placing compacting, finishing and curing complete (including screining and washing at stone aggregate without shuttering (Page No.15, Item No.5-i)	1,250.00	%Cft	11,288.75	141,109.38
113	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))	3,750.00	%Cft	12,595.00	472,312.50
114	SUB FLOORING 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))	938.00	%Cft	12,595.00	118,141.10
115	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)	3,750.00	%Sft	4,411.82	165,443.25
Sub Total				Rs=	1,264,435.54
_____ above / below				Rs=	_____
Cost of Scheduled Items (Civil Work)				Rs=	_____

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(PLINTH PROTECTION)**

BILL OF QUANTITIES

(Civil Works)

Non- Schedule Item

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
116	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.	1,567.00	Per Cft		
Cost of Non-Scheduled Items (Civil Work)				Rs=	

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(COMPOUND WALL)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
117	EXCAVATION 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)	17,000.00	%Cft	3,176.25	53,996.25
118	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)	2,700.00	%Cft	11,288.75	304,796.25
119	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))	3,600.00	%Cft	12,595.00	453,420.00
120	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)	6500.00	%Cft	15771.01	1,025,115.65
121	SURFACE RENDERING				
a	Cement Plaster 1:5 upto 12' height ½" thick Wall Plaster (Page No.51, Item No. 12-b)	36,000.00	%Sft	2,241.80	807,048.00
b	¾" thick Wall Plaster (Page No.51, Item No. 12-c)	3,600.00	%Sft	2,678.50	96,426.00
122	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.	225.00	Per Cwt	5,001.70	1,125,382.50

**REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI
(COMPOUND WALL)**

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
123	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)	36,000.00	%Sft	2,567.95	924,462.00
124	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)		%Sft	977.40	0.00
125	ANGLE IRON Providing and fixing 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	600.00	Per Rft	169.18	101,508.00
126	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.	7200.00	Per Rft	8.38	60,336.00
Sub Total				Rs=	4,952,490.65
_____ above / below				Rs=	_____
Cost of Scheduled Items (Civil Work)				Rs=	_____

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI(BUILDING WORK)

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
127	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	33,000.00	%0Cft	36,300.00	1,197,900.00
b	Add: extra lead 6 mile (referred from carriage of material schedule	33,000.00	%0Cft	774.96	25,573.68
128	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)		%Sft	9,424.84	0.00
129	CC IN FOUNDATION Cement concrete plain (ratio1:4:8) including placing compacting, finishing and curing complete (including screining and washing at stone aggregate without shuttering (Page No.15, Item No.5-i)		%Cft	11,288.75	0.00
130	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))	1,005.00	%Cft	12,595.00	126,579.75
131	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)	3,000.00	% Sft	3,588.48	107,654.40
132	PAVED BLOCK Providing and fixing cement paving block flooring having size of 197 x 197 x 80mm of city / quddra Cobble shape with pigment 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)	10,000.00	Per Sft	248.17	24,817.00
Sub Total				Rs=	1,482,524.83
_____ above / below				Rs=	
Cost of Scheduled Items (Civil Work)				Rs=	

REPAIR MAINTENANCE OF GPI ORANGI TOWN, KARACHI(BUILDING WORK)

BILL OF QUANTITIES

(Civil Works)

Non- Schedule Item

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
133	SUPPLY SEWAGE MANURE supply and stacking well decayed sewage manure from approved sources including oil leads and lifts. Complete in all respect as per specification and instruction of the Architect / Engineer-in-Charge	25,000.00	Per Cft		
134	KERB STONE Providing and laying Road Kerb of precast 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		Each		
135	SUPPLY GARDEN OIL (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 instruction of the Architect / Engineer-in-Charge.	25,000.00	Per Cft		
136	GRASSING Grassing fine by dribbling grass roots 3" apart including watering, weeding till such time the grass is set and become green and is fit for mowing. Complete in all respect as per specification and instruction of the Architect/ Engineer-in-Charge.	10,000.00	Per Sft		
137	SPREADING GARDEN OIL (SWEET EARTH) 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 instruction of the Architect/ Engineering-in-Charge	25,000.00	Per Cft		
Sub Total				Rs=	

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLUMBING WORK)**

BILL OF QUANTITIES

(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.	4	Each	4,440.70	17,762.80
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

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLUMBING WORK)**

BILL OF QUANTITIES

(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

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLUMBING WORK)**

BILL OF QUANTITIES

(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 amd 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

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLUMBING WORK)**

BILL OF QUANTITIES

(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=	373,573.93
_____ above / below				Rs=	
Cost of Scheduled Items (Civil Work)				Rs=	

**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLUMBING WORK)**

BILL OF QUANTITIES

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 respec as per instructions of the Engineer-in-charge	1	Each		

Non-Schedule Items (Plumbing Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
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**NEW CONSTRUCTION OF GPI ORANGI TOWN, KARACHI
(PLUMBING WORK)**

BILL OF QUANTITIES				
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/cm²)			
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=