

**Name of work: REPAIR / RENOVATION WORKS FOR BOMB DISPOSAL SQUAD SPECIAL BRANCH OFFICE
ADJACENT TO ARTILLARY MAIDAN POLICE STATION, DISTRICT SOUTH, KARACHI.**

SCHEDULE BOOK DOCUMENT

CIVIL WORKS SCHEDULE ITEMS PART (A):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Dismantling cement block masonry. (SI.14 / P-10).	389.186	1134.38	%Cft	4414.848147
2	Dismantling glazed or encaustic tiles etc (SI.55 / P-13).	893	786.5	%Sft	7023.445
3	Dismantling cement concrete plain 1:2:4 (SI.19-c / P-10).	262.15	3327.5	%Cft	8723.04125
4	Dismantling cement concrete plain 1:4:8. (SI.19-a/P-10)	378.78	1663.75	%Cft.	6301.95225
5	Removing door with chowkats.(SI.33-a /P-12).	3	142.18	Each	426.54
6	Excavation in foundation of building bridges and other structures including dabbiling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft in hard soil or soft Murom. (SI.18-C / P-04).	1092	3554.38	%0 Cft	3881.38296
7	Filling watering and ramming earth under floor (Excavated from outside) lead upto one chain and lift upto 5' ft (SI No. 2 / P-1)	364	3630	%Ocft	1321.32
8	Cement concrete plain ration 1:3:6 including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering. (SI.5-h / P-16)	3736.9	12595	%Cft.	470662.555
9	Filling watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5' ft (SI No. 22 / P-4) (extra lead up 20 miles)	7473.8	1590.8	%Ocft	11889.32104
10	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending, lying in position making joints and fastenings i/c cost of building wire (also i/c removal of rust using Tor bars) (SI.8(b) /P-17)	141.41	5001.7	P/Cwt	707290.397
11	Reinforced cement concrete work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate also i/c all kinds of forms mold, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of single) (a) R.C work in roof slab, beams columns rafts. lintels and other structural members laid in situ or precast laid in position completed in all respect (i) Ratio (1:2:4) 90Lbs cement 2Cft Sand 4Cft Shingle 1/8" to 1/4 Gauge. (SI.6 (a) (I) / P-17).	2639.8	337	P/Cft	889612.6
12	P/L 1:3:6 cement concrete solid block masonry wall below 6" in thickness set in 1:6 cement mortar in ground floor super structure in/c raking out joints & curing etc complete. (SI.24/P-19)	25.875	15771.01	%Cft.	4080.748838
13	P/L 1:3:6 cement concrete solid block masonry wall above 6" in thickness set in 1:6 cement mortar in ground floor super structure in/c raking out joints & curing etc complete. (SI.23/P-19)	247.5	14621.44	%Cft.	36188.064
14	Applying floating coat of Cement 1/32" thick.(SI.14/P-53).	103.5	660	%Sft	683.1
15	Cement plaster 1:4 upto 12' height (c) 3/4" thick (SI-11-C/P-52)	103.5	3105.76	%Sft	3214.4616
16	Cement plaster 1:6 upto 12" height (b) 1/2"thick.(SI.13-b/P-52)	103.5	2206.6	%Sft	2283.831
17	Priming coat of chalk distemper. (SI.23 / P-54).	21760	442.72	%Sft	96335.872
18	Distemping two coats (SI.24c / P-54)	2679	1079.65	%Sft	28923.8235

19	Preparing the surface and painting with weather coat in/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 (B) 2nd & subsequent coat. (SI.36-A/P-55)	2349	1989.62	%Sft	46736.1738
20	Preparing the surface and painting with matt finish paint of approved make to old matt finish (b). 2nd & subsequent coat. (SI.37(A+B) / P-55).	6560.5	1772.38	%Sft	116276.9899
21	Preparing the surface and applying rock wall/ shield (Natural wall texture) coating to provide durable crust to wall, thickness b/w 2mm to 32mm (1/8") with acrylic co-polymer emulsion, selected marble chips, adhesive and bactericides, water resistance and fire and termite resistance (upto 20'-0" height) (SI.43/P-56)	2334	4504.5	%Sft	105135.03
22	Cleaning and washing mosaic or marble floor with caustic soda mixture. (SI27/P-43)	2022	194.43	%Sft	3931.3746
23	Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (SI.60/P-47).	622.5	30509.77	%Sft	189923.3183
24	S/L special heavy type steel for look-ups within angle iron frame of 2-1/2" to 2-1/2"x3/8" size and shutter of 2"x2"x3/8" with 1" diameter M.S. bars placed @ 4" center to center with aseparate looking box having sixe of 12"x12" of M. steel embedded in masonry with proper looking arrangement as per approved design including cost of erection of steel gate and fixing in masonry wall in cement concrete 1:2:4 etc complete as per instructions of Engineer Incharge. (SI.27/P-93)	80	930.76	p/Sft	74460.8
25	Making & fixing steel grated door with 1/16" thick sheeting including angle iron frame 2"x2" 3/8" and 3/4" square bars 4" centre to centre with locking arrangement. (SI.24/P-92)	131	726.72	p/Sft	95200.32
26	Painting guard bars, gates iron bars gratings, railingsincluding standard braces etc and similar open work. First coat & each subsequent coat (SI 5-d / P-70)	422	1270.83	%Sft	5362.9026
27	P/F in position doors windows and ventilators of 1 st class deodar wood frames and 1-1/2" thick teak wood ply shutter of 2 nd class deodar wood skeleton (solid) styles and rails core of partal wood and teak ply wood (3 ply) on both sides in/c hold fasts hinges iron tower bolts handles and cleats with cord etc complete. (SI.7/P-58)	52.5	1273.76	P/Sft	66872.4
28	Providing and laying 2" thick topping cement concrete (1:2:4) including Surface finishing and dividing into panels: (c) 2" thick.(SI.16 (c) / P-42).	3925	3275.5	%Sft	128563.375
29	Painting new surfaces(c). Preparing surface and painting of doors and Windows any type, (including edges). (i) Priming coat. (ii) Each subsequent coat of paint.(SI.5c-i / P-70) + (SI.5c-ii / P-70)	762	2116.41	%Sft	16127.0442
30	Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints.(a).3/4" thick flooring.(SI.28(a)/ P-43).	1200	567.48	p/Sft	680976

31	P/F bitumen felt paper of 60-lbs over roof in/c cleaning of roof with wire brush an removing dust, applying bitumen coat at the rate of 34-lbs per %Sft as premix inter coats and then laying felt paper with 10% over laps, then applying and spreading hill sand at the rate of 1-Cft for 100-Sft. The cost also in/c necessary fire material, kerosene oil, wood etc. (SI 41 P / 38)	3925	54.7	p/Sft	214697.5
32	P/F cement paving blocks flooring having size 197x97x60 (mm) of city / quddra / cobble shape with having strength b/w 5000 psi to 8500 psi in/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete. (SI-71/P-49)	8437.75	199.77	p/Sft	1685609.318
Total Amount Part (A):					5713129.849

ELECTRIC WORKS SCHEDULE ITEMS PART (B):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (¾") PVC conduit recessed in the wall or column as required.(SI.124 / P-15).	30	1130	P.Point	33900
2	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-3/.029 copper conductor in ¾" dia PVC conduit recessed in the wall or column as required.(SI.8 / P-2).	80	173	P.Meter	13840
3	Providing & Fixing three pin 10 / 15 Amp Plug & Socket.(SI.224 / P-33).	10	151	Each	1510
4	Providing & Fixing three pin 5 Amp Plug & Socket.(SI.226 / P-33).	10	151	Each	1510
5	P/F holder for 125 watts light @ as per site requirement & instruction of Engineer Incharge. (SI.189/P-29)	12	203	P/ No.	2436
6	Providing & fixing one way SP 5-Amp switch surface type.(SI.216 / P-33).	18	34	Each	612
Total amount of Part (B):					53808

SANITARY WORKS SCHEDULE ITEMS PART (C):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Supplying & fixing Bath room accessories set(7-piece) in/c towel rod, brush holder soaptray shelf of approved design in/c cost of screws, nuts etc complete. (Master Brand). (SI.23 / P-19).	2	10322.4	Each	20644.8
2	(a) S/Fixing long bib-cock of superior quality with c.p head ½" dia. (SI.13-a / P-19).	6	1109.46	Each	6656.76
3	Providing & fixing European white glazed earthen ware wash down W.C pan complete with and in/c 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 1-1/2" dia white porcelain enameled flush bend ¾" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign Quality).(SI.5 / P-2).	2	11477.4	Each	22954.8
4	P/L 24"x18" bevalled edge mirror of Belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden pleat (b) superior quality (SI3-b/P-07)	2	2376	P/No	4752
5	Providing & fixing 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I screwed down granting with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1: 2: 4. (SI.20 / P-06).	4	2042.43	Each	8169.72
6	Add extra for labour for providing & fixing of earthen ware pedestal white or coloured glazed (Foreign or Equivalent).(SI.11 / P-3).	2	2533.47	Each	5066.94

7	(b) Supplying / Fixing wash basin mixture of superior quality with C.P head ½" dia. (SI.14-b / P-19).	2	3179	Each	6358
8	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete. (SI.19(a) / P-19).	2	3432	Each	6864
9	Supplying and fixing in position brass bib cocks ¾" dia brass bib cock, Light pattern. (SI.1-ii-a / P / 16).	8	337.92	Each	2703.36
10	Providing & fixing in position nyloon connections complete with ½" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (SI. 23 / 06).	8	447.15	Each	3577.2
11	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & in/c the cost of W.I or C.I cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint a pair of ½" dia rubber plug & chrome plated brass chain 1-1/4" dia, malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign or Equivalent).(SI.10 / P-3).	2	4928	Each	9856
12	S/F fiber glass tank (250 gallons)of approved quality & design and wall thickness as specified in/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connection for inlet & out let & over flow pipes etc complete. (SI.3.a+b+c+d+f/P-21)	2	21989.61	Each	43979.22
12	(a). S/Fixing canceled tee-stop cock of superior quality with C.P head ½" dia. (SI.12-a / P-18).	10	843.92	Each	8439.2
13	(b) Supplying & Fixing swan type pillar cock of Superior quality with crystal head. ½" dia. (SI.16(b) / P-19).	4	877.8	Each	3511.2
Total Amount of Part (C):					153533.2

NON-SCHEDULE ITEMS PART (D):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	P/F wall bracket fan 18" dia of approved make & quality (Royal/Pak, Millat or equivalent) in/c fixing on wall as directed by the Engineer Incharge	4		Each	
2	P/F ceiling fan 56" sweep Pak/Royal/GFC or equivalent deluxe model in/c carriage from shop to site of work, fixing & necessary lead connection as directed by the Engineer Incharge.	4		Each	
3	P/F fan dimmer of ceiling fan Pak / Royal / GFC of approved quality & make as directed by the Engineer Incharge	4		Each	
4	P/F UPVC Pipe of AGM Pak Arab or equivalent quality make sch 80 © water supply for roof and water and joints with AGM solution and making hole in walls plinth and floor for pipe connection etc complete as directed by the Engineer Incharge. 4" dia	100		P/Rft	
5	P/F UPVC Pipe of AGM Pak Arab or equivalent quality make sch 80 © water supply for roof and water and joints with AGM solution and making hole in walls plinth and floor for pipe connection etc complete as directed by the Engineer Incharge. 1/2" dia	75		P/Rft	
6	P/F UPVC Pipe of AGM Pak Arab or equivalent quality make sch 80 © water supply for roof and water and joints with AGM solution and making hole in walls plinth and floor for pipe connection etc complete as directed by the Engineer Incharge. 3/4" dia	80		P/Rft	
7	P/F RCC pipe 12" dia with collar of class *B* for sewerage line in/c excavating the trench of required dia and depth and then laying pipe in trench jointing and refilling excavated stuff as directed by the Engineer Incharge.	80		P/Rft	

8	Construction of manhole or inspection chamber 2'x2'-0" upto 5'-0" inside depth dimension for required dia of circular sewer with walls of solid block masonry 1:3:6 set in 1:6 cement sand mortar 6" thick with 6" thick C.C. 1:4:8 in foundation, 1/2" thick plaster in 1:4 ratio to all inside wall surface & to top 1" thick C.C. flooring etc including, curring, excavation, back filling & disposal of surplus earth as directed by the Engineering Incharge.	4		Each	
9	P/F RCC manhole cover of 3" thickness embedded with angle iron frame 1-1/2" x 1-1/2" x 1-1/4" and bars of 3/8" dia mild steel placed at 6" i/c both way i/c handle in centre for lifting poured with C.C. 1:2:4 in/c curing, finishing ate complete.	4		P/Sft	
10	Removing debries from Building in/c collecting from different floors, throwing to stair to ground floor at proper place and then loading on truck and throwing out of city government remises, fuel & hire charges of truck, loading & unloading etc complete.	2		P/Truck	
		Total Amount Para (D)			

Part A. Civil Work

Rs:

Add/Deduct -----% above/below

Rs:

Total.

Part B. Int: EI

Rs:

Add/Deduct-----% above/below

Rs:

Total.

Part C. Int: W/S

Rs:

Add/Deduct-----% above/below

Rs:

Total.

Part D. Non Schedule

Rs:

Grand Total A+B+C+D=

Rs:

Total.

TERMS AND CONDITION

1. Any typographical errors in the Schedule B are subject to the correction n with Reference to the Schedule of rate General 2012 enforced from 12th July 2012 as Approved by the SRC Sindh, Karachi.
2. Arbitration clause stands deleted from the agreement.
3. No premium shall be paid on a Non Schedule items.
4. 100% Well Graded crused bajri shall be used in items of work without any extra payment.
5. All sample of items should be got approved by the Engineer Incharge.


(HAFIZ SAFDAR SHAIKH)
 Assistant Engineer,
 CPO, Sindh, Karachi