

NAME OF WORK: REPAIR / RENOVATION WORK FOR LAW COLLEGE AND OTHER BUILDINGS OF POLICE TRAINING CENTRE, SAEEDABAD, KARACHI.

SCHEDULE BOOK DOCUMENT

CIVIL WORKS SCHEDULE ITEMS:

S.No:	Description	Qty	Rate	Unit	Amount
01.	Providing and fixing with jute felt paper of 60 Lbs over roof in/c cleaning of roof with wire brush and 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.42 / P-39).	26322.11	106.73	P.Sft	2809358/=
02.	Glazing with panes (16 oz To 18 oz) in/c cost of putty .(SI.45-a /P-63).	3118	115.55	P.Sft	360284/=
03.	Removing cement or lime plaster. (SI.53 / P-13).	367.70	121	%Sft	444/=
04.	Removing door with chowkats.(SI.33-a /P-12).	57	142.18	Each	81042/=
05.	Brushing and scraping blisters of old paints iron wood work (2 P/68).	3118	151.25	%Sft	4715/=
06.	Cleaning and washing mosaic or marble floor with caustic soda mixture. (SI27/P-43)	6384.14	194.43	%Sft.	12412/=
07.	nylon wire gauge 144 mesh per square inch fixed to chowkats with 3/4" deodar strips and screws (SI63-A/P-66)	1153.50	193.53	P/Sft.	223236/=
08.	P/F Iron Steel grill using solid square bars of size 1/2" x 1/2" placed @ 4" and frame of flat iron pati of 3/4"x3/4" in/c circle shape at 1'-0 apart equivalent fitted with screws are pins in/c painting 3 coats with 1 st coat of red oxide paint etc. (SI.30/P-94)	3118	194.16	P/Sft	605390/=
09.	P/F cement paving blocks flooring having size 197x97x60 (mm) of city / quaddra / 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)	120	199.77	P/Sft.	23972/=
10.	Dismantling cement block masonry. (SI.14 / P-10).	474	1134.38	%Sft	5376/=
11.	Painting old surface (c) Painting doors and windows any type. (i) 1 st coat (ii) second & subsequent coat (SI.4 (c) (i + ii)/P-68).	4271.50	1662.21	%Sft	71001/=
12.	Cement concrete plain in/c placing compacting, finishing and curing, complete (in/c screening and washing at stone aggregate without shuttering) (i) Ratio 1:4:8 (SI 5-(i) P/16).	16865.11	11288.75	%sft	1903860/=
14.	(b) Dismantling cement concrete plain 1: 3: 6. (SI.19-b / P-10).	16865.11	1306.80	%sft	220393/=
15.	Providing and fixing deodar Almirah 9" – 12" depth including boxing with back shelves, shutters brass fittings complete. (SI.23 / P-61).	1440	1778.50	P.Sft	2561040/=
16.	Providing and fixing approved quality mortise lock.(SI.21 / P-60).	60	1786.13	Each	107167/=
17.	French polishing complete. (b) On old work.(SI. 7(b)/P-71).	3118	1952.50	%Sft	60878/=
18.	A). Providing and fixing sliding bolt to doors. (ii). Iron sliding bolt 10" long. (SI.19A-i / P-60).	60	203.90	Each	12234/=
19.	R.C.C. spout including fixing in position 2-1/2x6"x5" (SI.14/P-18)	100	211.75	P/ No	21175/=



20.	P/L HALA or gattewrn tiles glazed 8"x8"x1/4" on floor or wall facing in required pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete in/c cutting tiles to proper profile. (SI.62/P-48)	60	34520.31	%Sft	20712/=
21.	S/F commercial ply wood 3-ply in panels including supply & making deodar wood 2 nd class frame work for partition walls. (SI.55/P-65)	1153.50	39232.62	%Sft.	452548/=
22.	Priming coat of chalk distemper. (SI.23 / P-54).	16865.11	442.75	%Sft	74670/=
23.	Cleaning / desalting of manhole / inspection chambers in/c cleaning and ridding of connected sewers (Average 50'-0 per Manhole removing sewage and solid wastes and throwing outside KMC limits. (SI.96 / P-110).	05	474.83	P.M.Hole	2374/=
24.	Applying floating coat of Cement 1/32" thick. (SI.14/P-53).	841.70	660	%Sft	5555/=
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)	128	726.72	P/Sft.	93020/=
26.	Cleaning & decontamination of underground / over head water tank with chemical in/c dewatering and cleaning the walls with hand brush, applying potassium per magnate coat to culminate all bacteria's germs and removing the algae and vegetal growth and white washing two coats. (94 / P-109)	48000	7.27	PSft	348960/=
26.	Rain water down pipe cast iron heads fixed in place in/c cost of clamp, hold fasts and painting (23 P/37)	06	873.29	Each	5239/=
27.	Coloured cement tiles (Pattern 12"x12"x1") of approved shade and pattern laid flat No. 12 Grey cement mortar over a bed of 3/4" thick grey cement mortar (SI.59/P47)	386.65	9427.84	%Sft.	36453/=
28.	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)	474	14621.44	%Cft	69305/=
29.	Cement plaster 1:4 upto 12' height (a) 3/8" thick (SI-11A/P-52)	921.70	2197.52	%Sft	20254/=
30.	Cement plaster 1:6 upto 12" height (c) 3/4" thick (only for block masonry work) (SI-13C/P-52)	921.70	2590.50	%Sft	23876/=
31.	P/L 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (b) 1-1/2" thick. (SI.16-b/P-42)	3824.32	3275.50	%Sft	125265/=
32.	P/L 2" thick Over roof topping cement concrete (1:2:4) including surface finishing and dividing into panels. (b) 1-1/2" thick. (SI.16-b/P-42)	26322.11	3275.50	%Sft	862180/=
33.	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.57/P-65)	1153.50	1182.56	P/Sft	1364082/=
	Providing & fixing Aluminum sheet 6" to 9" with V-Notch for expansion joints In/c fixing with nails / screws.(SI.88 / P-109).	67.50	300	P.Rft	20250/=
34.	Distempering. (b) Two coats (SI.24 (b)/P-53).	16865.11	1043.90	%Sft	176054/=
35..	Preparing the surface and Painting with matt finish i/c rubbing the surface with Bathy (Silicon carbide rubbing brick) filling the voids with Zink/Chalks/Plaster of Paris mixture, applying	28160	3444.38	%Sft	969937/=

	first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc complete (New surface) (SI.36-A+B+B)/P-55)				
36.	Preparing the surface and applying rock wall/ shield (Natural wall texture internal and external) 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)	61825	4504.50	%Sft	2784907
37.	Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 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).	905	30509.77	%Sft	276113/=
38.	Providing Anti-terminate treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an overall pre-construction under the slab and along attached perches or entrance etc. complete as per directions of Engineer Incharge. (SI-91/P-109)	255117.03	40.10	%Cft	102301/=
Total					16918032/=
20% below Rate:					3383606/=
Total					13534425/=

ELECTRIC WORKS SCHEDULE ITEMS:

S.No:	Description	Qty	Rate	Unit	Amount
01.	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.124 / P-15).	40	1130	P.Point	45200/=
02.	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVBC conduit on surface as required.(SI.127 / P-15).	04	1380	P.Point	5520/=
03.	P/F DP I/C change over switch 500 volts 300 amp on prepared board, (SI.199/P-30)	01	11506	P/No.	11506/=
04.	P/F of flood light 250 watts (HPIT) having IP 65 classification with 250W lamp, chock, capacitor, igniter & internal wiring complete in all respect at the height up to 40ft with the help by hydraulic crane and manual labour as per site requirement and instruction of Engineer Incharge. (SI.164/P-26)	12	15440	P/ No.	185280/=
05.	P/F holder for 125 watts light @ as per site requirement & instruction of Engineer Incharge. (SI.189/P-29)	82	203	P/ No.	16646/=
06.	P/F 400 watts (HPIT) lamp @ the height with the help of hydraulic crane as per site requirement & instruction of Engineer Incharge. (SI.185/P-29)	06	2380	P/No.	14280/=
07.	P/F circuit breaker 6,10,15,20,30,40,50, & 63 amp DP (TB-5S) on prepared board as required. (SI.204/P-31)	18	2456	Each.	44208/=
08.	P/F circuit breaker 125,150,200 & 225 amp TP (XS-225NJ) on prepared board as required. (SI.208/P-31)	04	25541	P/ No	102164/=
09.	Providing & fixing one way SP 5-Amp switch surface type.(SI.216 / P-33).	142	34	Each	4828/=
10.	Providing & fixing channel Patti 1/4" as required as per instruction of EI. (SI.295 /P-43).	350	34	P.Rft	11900/=



11.	Providing & fixing Brass Ceiling fan 56" (good quality). (SI.235 / P-34).	46	3185	Each	146510/=
12.	Providing & Fixing channel patti 1" as directed as per instruction of engineer Incharge. (SI.297/P-43)	110	45	P/Rft.	4950/=
13.	Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. (SI.125/P-15)	23	669	P/Point.	15387/=
14.	Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required. (SI.126 / P-15).	08	985	P.Point	7880/=
Total:					616259/=

SANITARY WORKS SCHEDULE ITEMS:

S.No:	Description	Qty	Rate	Unit	Amount
1.	Dismantling tees bends or sluice valves (SI.44 / P-3).	20	13.10	Each	262/=
2.	Providing 1-1/2" dia G.I pipes & Special etc including fixing cutting & fitting complete with & In/c the cost of cutting trench upto 2-1/2" feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen pain to pipes & specials after cleaning & hessian cloth soaked in maxphalt composition wrapped tightly round pipes and testing to a pressure head of 200 feet and handling. (SI.1-v + vi) / P-14).	85	183	P.Rft	15555/=
3.	S/F soap tray of made plastic of superior quality and design with fine finishing with CP screws etc complete.(SI.6/P-8)	10	169.40	Each	1694/=
4.	Providing RCC pipe with collar of class *B* and digging the trenches to required depth & fixing imposition including cutting, fitting & jointing with asphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe & refilling with excavated staff (e) 6" dia R.C.C. pie class "B" (SI.2-d/P-24) .	110	199	P/Rft	21890/=
5.	Providing & fixing chrome lated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.(II) Towel rail 30" long. (a) 3/4" dia round or square (Standard Pattern). (SI.01-II+a / P-07).	10	1082	Each	10820/=
6.	(b) S/Fixing long bib-cock of crystal head with 1/2" dia.(SI.13 (b) / P-19).	06	1384	Each	8304/=
7.	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).	04	10322	Each	41288/=
8.	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 3/4" 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).	06	11477	Each	68862/=
9.	Providing and fixing 1/2" dia handle valves (China). (SI.05-i+ii+iii+iv+v+vi / P-17).	4	200	each	800/=
10.	Providing and fixing 1-1/2" dia handle valves (China). (SI.05-i+ii+iii+iv+v+vi / P-17).	2	640	each	1280/=
11.	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).	12	2042	Each	24504/=
12.	P/F 24 x 18" beveled edge mirror of Belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden pleat (b) superior quality (3-b P-7).	06	223	Each	1338/=

13.	Supplying & fixing sink mixture cock of superior quality with c.p head etc complete. (SI.17 / P-19).	02	2745	Each	5490/=
14.	(b) Supplying / Fixing wash basin mixture of superior quality with C.P head ½" dia. (SI.14-b / P-19).	08	3179	Each	25432/=
15.	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete. (SI.19(a) / P-19).	02	3432	Each	6864/=
16.	(b) Supplying & fixing C.P Muslim Shower with crystal head etc complete.(SI.19(b) / P-19).	02	3432	Each	6864/=
17.	Supplying and fixing in position brass bib cocks ¾" dia brass bib cock, Light pattern. (SI.1-ii-a / P / 16).	18	337	Each	6066/=
18.	1" dia CP bib cock light pattern (SI 2 (iii-a) / P-16)	06	480	Each	2880/=
19.	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).	06	447	Each	2682/=
20.	S/F fiber glass tank 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. 500 gallons wall thickness 4.5mm (SI.3.a+b+c+d+f/P-21)	02	37505	Each	75010/=
21.	Cancelled C.P. fittings of Superior quality for tiles Bath Rooms.(b) S/Fixing cancelled stop cock of superior quality with C.P. head ½" dia.(SI.11(b) / P-18).	24	509	Each	12216/=
22.	(a). S/Fixing canceled tee-stop cock of superior quality with C.P head ½" dia. (SI.12-a / P-18).	12	843	Each	10116/=
23.	(b) Supplying & Fixing swan type piller cock of Superior quality with crystal head. ½" dia. (SI.16(b) / P-19).	08	877	Each	7016/=
24.	(b) S/Fixing concealed tee-stop cock of superior quality with C.P head ½" dia.(SI.12 (b) / P-18).	08	889	Each	7112/=
Total:					364345/=

CIVIL WORKS NON SCHEDULE ITEMS:

S.No:	Description	Qty	Rate	Unit	Amount
01.	S/F in position Aluminum channels framing for sliding windows & ventilators of lucky or equivalent made with 5mm thick tintle3d glass glazing (Belgium) and aluminum fly screen, handles, stoppers and locking arrangement etc complete. Deluxe Model (Bronze of champion color)	3118		P/Sft	
02.	P/F quality roller type blind with approved design false & in/c steel angle fixing with steel screws as per window as required @ site as directed by the Engineer Incharge	3118		P/Sft	
03.	Mono block pump of 02 horse power made in Siemens company or equivalent	2		each	
04.	Removing debries from Buildings 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 premises, fuel & hire charges of truck, loading & unloading etc complete.	10		P/Truck	
Total:					

SANITARY WORKS NON SCHEDULE ITEMS:

S.No:	Description	Qty	Rate	Unit	Amount
1.	P/F white/colored glazed earthen ware wash basin of 24"x18" size(ACL or equivalent) with pedestal in/c necessary lead connection C.P. waste, waste pipe, in/c making requisite number of holes in wall plinth or floor for pipe connection & making good in c.c. 1:2:4. as per instruction of Engineer Incharge.	04		Each	
2.	Construction of manhole or inspection chamber 2'-0x2'-0 & upto 3'-0" inside dimension for required dia of circular sewer with walls of solid block masonry 1:3:6 set in 1:6 cement sand	04		Each	



	mortar 6" thick with 6" thick C.C. 1:4:8 in foundation, ½" thick plaster in 1:4 ratio to all inside wall surface & to top 1" thick C.C. flooring etc including, curing, excavation, back filling & disposal of surplus earth as directed by the Engineer Incharge. (a) size 2'-0x2'-0x2'-0 to 3'-0				
3.	P/F UPVC water supply pipe of AGM or Pak Arab make or equivalent with all necessary fittings like elbow, bend, tee etc. This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0 in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 1/2" dia	120		P/Rft	
4.	P/F UPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings like elbow, bend, tee etc. This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0 in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 4" dia.	80		P/Rft	
5.	P/F UPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings like elbow, bend, tee etc . This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0 in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 3" dia.	75		P/Rft	
				Total:	
				Grand Total:	

TERMS AND CONDITIONS

1. Any typographical errors in the Schedule B are subject to the correction 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 crushed 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 SAIFDAR SHIAKH)
 Assistant Engineer,
 CPO, Sindh, Karachi.