



GOVERNMENT OF SINDH

BILL OF QUANTITIES

**Sindh Government PMC NAWABSHAH
Maintenance & Repair Works of Block- A & B**

ESTIMATED COST RS.			M
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GOVERNMENT OF SINDH
PMC NAW ABSHAH
Maintenance & Repair Works of Block-A & B
ENGINEERS ESTIMATES

S.No.	Description	Amount
1	Civil & Plumbing Works	
2	Add % Premium Above or Below on Schedule Items	
4	Electrical Works	
5	Add % Premium Above or Below on Schedule Items	
	Total	



GOVERNMENT OF SINDH
PMC NAWABSHAH
Maintenance & Repair Works of Block-A & B
ABSTRACT OF COST

S.No	Description	Unit	Qty	Rate	Amount
1	Dismantling glazed or encaustic tiles etc (SI.55/13)	%cft	3,659.00	786.50	28,778
2	(b) Dismantling cement concrete plain 1:2:4.(SI.55c/10)	%Sft	290.40	3,327.50	9,663
3	(b) Dismantling cement concrete plain 1:4:8.(SI.55a/10)	%Sft	290.40	1,663.75	4,832
4	Removing door with choeket	Nos	30.00	142.18	4,265
5	Removing Window and sky light with chowkats.	Nos	25.00	102.85	2,571
6	Dismantling brick work in lime or cement	%Cft	1272.00	1,285.63	16,353
7	Removing cement or lime plaster	%Sft	930.00	121.00	1,125
8	Scrapping (b) Ordinary distemper, oil bound distemper or paint on walls. (SI.54/5)	%Sft	44,703.25	226.88	101,423
9	Brushing and scrapping blister of old paints from wood work. (SI.2/68)	%Sft	1,500.00	151.25	2,269
10	Scrapping brushing and removing old paint from metal surface (SI.3/68)	%Sft	750.00	605.00	4,538



S.No	Description	Unit	Qty	Rate	Amount
11	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. (S.No 60 / Pg # 47).	%Sft.	3,179.00	30,509.77	969,906
12	Providing and fixing G.I frames / Choukhats of size 7" x 2" or 4 1/2 " x3 " for windows using 20 gauge G.I sheet 1/c welded hinges and fixing at site with necessary hold fasts, filling cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage ., tools and plants used in making and fixing.(S.I.29/96)	Rft	1,239.00	228.90	283,607
13	screws wooden Architrave approved design/shapes having width not less than 2-1/2 inches as directed by Engineer Incharge.(SI.60/66)	Rft	1,239.00	49.97	61,913
14	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. Deodar panelled or panelled and glazed, or fully glazed. (b) 1 3/4" thick (rate 1273.76-chokhat rate 380.83=892.93) (SI 7b/58)	Sft	1,183.50	892.93	1,056,783
15	Aluminum wire gauge 144 mesh P.Square fixed to chowkats	Sft	1,500.00	104.50	156,750



S.No	Description	Unit	Qty	Rate	Amount
16	Supplying & fixing in position Aluminium channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) & Aluminium fly screen i/c. handles stoppers & locking arrangement etc. complete. (a) Deluxe Model (Bronze). (S.I-84(b)/108)	Sft	244.00	1,647.69	402,036
17	Suppling & fixing in position iron/steel grill of 3/4" x 1/4" size flat iron of approved design including painting 3 coats etc. complete (weight not to be less than 3.7 Lbs/Sq. Foot of finished grill).	Sft	900.00	180.50	162,450
18	Cement plaster 1:6 upto 12' height. (b) 1/2" thick (S.I-13(b)/52)	%Sft	2,429.00	2,206.60	53,598
19	Cement Plaster 1:4 upto 12' height. (c) 3/8" thick. (S.I-11(c)/52)	%Sft	2,429.00	3,015.76	73,253
20	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shutting.	%Cft	290.40	11,288.75	32,783
	Ratio 1:4:8 (S.I.5i/16)	%Cft	290.40	14,429.25	41,903
21	Preparing the surface and painting with plastic emulsion paint of approved make I/C rubbing the surface with sand Paper, filling the voids with chalk/plaster of paris and then painting etc. complete.	%Sft	12,421.25	2,237.95	277,981
	B 2nd & subsequent coat 3 coats	%Sft	12,421.25	2,237.95	277,981
22	Painting New Surfaces. (c) Preparing surface and painting of doors and windows any types. (including edges). (i) Priming Coat (ii) Each subsequent coat of paint. (Three Coat) (S.I-5(c)(i,ii)/70)	%Sft	2,367.00	2,116.41	50,095



S.No	Description	Unit	Qty	Rate	Amount
23	Painting New Surfaces. (d) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work. (i) Priming Coat (ii) Each subsequent coat of paint. (Three Coat) (S.I-5(d)(i,ii)/70)	%Sft	750.00	1,270.83	9,531
24	A. Preparing the surface and painting with matt finish I/c rubbing the surface with Bathy (silicon carbide brick) filling the voids with ink/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) (SI.36/55) B 2nd & subsequent coat 3 coats	%Sft.	12,448.00	3,444.38	428,756
	TOTAL				4,237,162
	NON-SCHEDULE ITEMS				
1	Repairing of cracks on existing building masonry walls or RCC beams where clear cover has eroded, cutting the surface in V shape, removing rust, apply Zinc rich, bind steel, metal lathe with nails and cement plaster 1:3 up to 40' height, level the surface with existing plaster, including folding complete with all respect	Sft	580.80		
2	S/F fancy door locks as approved quality imported etc. complete with all respect.	Nos	28.00		



S.No	Description	Unit	Qty	Rate	Amount
3	Providing and fixing indian type WC imported set couple set as approved quality make and design including with matching colour with existing tiles colour including three gallon flushing tank with p Trap and waste pipe including finishing curing etc. complete.	Each	15.00		
4	Providing and fixing English commode imported set couple set as approved quality make and design including with matching colour with existing tiles colour including three gallon flushing tank with p Trap and waste pipe including finishing curing etc. complete.	Each	15.00		
5	P/F wash basin approved quality etc. complete in all respect. (Imported).	Each	26.00		
6	S/F Muslim Shower with double bib cock approved quality etc. complete. (Imported make)	Each	15.00		
7	S/F CP brass concealed T-stop cock of superior quality with crystal head 1/2" dia (Master make)	Each	15.00		
8	P/F floor trap jali 6"x6" size double sheeted as approved colour, make & design matching with Existing Ties & fixing with fine finishing and proper slope etc.complete.	Each	30.00		
9	S/F Wash Basin Mixture of superior quality with CP head 3/4" dia (Imported make)	Each	30.00		
10	Providing and fixing uPVC pipe including cutting making and jointing with switch pest with special approved quality including all cost of labour as directed by the Engineer Incharge etc. complete.	Each			



S.No	Description	Unit	Qty	Rate	Amount
11	uPVC Pipe 4" dia	Rft	160.00		
	uPVC Pipe 3" dia	Rft	160.00		
	uPVC Pipe 3/4" dia	Rft	240.00		
	uPVC Pipe 1/2" dia	Rft	240.00		
	Providing and fixing uPVC pipe fiffing imported quality including all cost of labour as directed by the Engineer Incharge etc. complete.				
	4" dia plug tee	Each	20.00		
	4" dia plain bend	Each	20.00		
	4" dia cowl	Each	20.00		
	4" dia y-tee	Each	20.00		
	3" dia plug tee	Each	20.00		
	3" dia plain bend	Each	20.00		
12	3" dia cowl	Each	20.00		
	3" dia y-tee	Each	20.00		
	3/4" dia valve	Each	20.00		
	1/2" dia valve	Each	20.00		
	Providing and laying fancy type Porcelain floor and dado tiles 24" x 24" & 1/4" thick as approved size specified approved quality / make / design and colour including laying with bond solution sand mortar including jointing in white cement including washing of tiles and filling of joints with slurry of white cement in desired shape with finishing including cutting of tiles to proper profile i/c. all respect labour and necessary required material as directed by the Engineer Incharge etc. complete.				
	Floor	Sft	1,242.13		
	Dado	Sft	1,242.13		
13	Repiaring of Door & windows,including refixing and repalcement of including hinges, locks, tower bolt, ply, frames, chowkhats etc complet with all respect as per direction engineer incharge and requirments				



S No	Description	Unit	Qty	Rate	Amount
14	Providing and laying floor of verona marble tiles of size 12"x12" 3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 gray cement mortar setting the tiles with gray cement slurry, jointed & wishing the tiles with slurry of white cement and pigment to match the colour of tiles including curing gridding,rubbing and chemical polishing etc complete. Cutting tiles with proper profile (R.A. approved by Chief Engineer (E.W.Hyderabad)	Nos	1,892.00		
		Sft	90.00		
	TOTAL				
	GRAND TOTAL				



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Abstract of Cost

S.No	Description	Unit	Qty	Rate	Amount
ELECTRIFICATION WORKS					
1	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.124/15)	P. pt	30.00	1,130.00	33,900.00
2	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.126/15)	P. pt	30.00	985.00	29,550.00
3	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.128/15)	P. pt	5.00	1,764.00	8,820.00
4	Providing and laying (Main or sub Main)PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (SI.10/2)	rm	150.00	222.00	33,300.00
5	Providing and laying (Main or sub Main)PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.(SI.11/2)	rm	150.00	252.00	37,800.00
6	Providing and laying (Main or sub Main)PVC insulated with size 2-7/.044 (6mm2) copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (SI.12/2)	rm	150.00	341.00	51,150.00
7	Providing & fixing Brass Ceiling fans 56" (good quality) (SI.235/15)	Each	30.00	3,185.00	95,550.00
8	Providing & fixing Bakelite ceiling rose with two terminals. (SI.228/33)	rm	30.00	72.00	2,160.00
Total Schedule items					292,230.00

ELECTRIFICATION WORKS NON SCHEDULE ITEMS



GOVERNMENT OF SINDH
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Abstract of Cost

S.No	Description	Unit	Qs	Rate	Amount
1	Providing and fixing switches or sockets as per following specification and requirements (5 Amp):	No.	15.00		
2	a) one gange	No.	15.00		
3	b) two gange	No.	15.00		
4	c) four gange	No.	15.00		
5	d) six gange	No.	15.00		
6	e) two pin 5 AMP sockets for half point	No.	15.00		
7	f) 5 pin plug socket for multiple use 10-15 amp	No.	15.00		
8	g) 3 pin power plug socket 20 amp	No.	15.00		
9	Providing and fixing bakelite holder (thread type) heavy and good quality with brass internal fittings complete with fixing accessories	No.	50.00		
10	Providing and fixing of Ding Dong Bell with fixing accessories	No.	10.00		
11	Providing and fixing of PVC pipe for cable laying or crossing or as extension pipe to feed another floor. Including cutting of wall making hole or cutting floor and making the surface good. Complete as required.	rm	50.00		
12	PVC 1" dia (25mm). Providing and fixing of G.I pipe for cable laying or crossing or as extension pipe to feed another floor. Including cutting of wall making hole or cutting floor and making the surface good. Complete as required.:	rm	50.00		
13	G.I 1" dia (25mm) P/F Fan dinner fancy type pak/royal/millat/imported make with necessary connection. On sheet complete as required. P/F Exhaust Fan 10" to 12" sweep with wall clamp Metal Body/Plastic Body Pak/Royal/Millat/Imported i/c necessary electric connection etc, complete.	No.	10.00		



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Abstract of Cost

S.No	Description	Unit	Qn	Rate	Amount
14	P/F Earthing set with 1.5"x1.5' x.55' GI plate buried in the ground at depth of 12-ft. upto water level with salt and charcoal mixture etc i/c providing GI pipe and copper wire 8-SWG inspection chamber with MS cover plate. Providing & fixing Energy Saver 24 Watts approved quality etc, complete (Phillips). M/P/F of main distribution board as per following specifications and requirements complete in all respects.	job	1.00		
15	a) DP-50ANMP 6KA 01 No b) copper bus bars (50amp) 3No c) MCB (for room) (2-6 amp) 15No (2spare) d) MCB (15amp) 10 Nos e) MCB (10amp) 50 Nos. Distribution Board-1 (for RO/Washroom) same as item no 22 butwith following specification and requirements:	No.	50.00		
16	a) MCB (15amp) 10 no b) MCB (10amp) 10no c) MCB (2-6 amp) 06 no (1 spare)	job	2.00		
17	providing & fixing of fan hooks with all accessories Providing and laying (Main or sub Main)PVC/PVC as per following specification.	each	100.00		
18	With 1-7/.044 copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required. Providing and laying (Main or sub Main)PVC/pvc as per following specification.	rm	75.00		
19	With 1-7/.064 copper conductor in 1-1/2" dia PVC conduit recessed in the wall or column as required.	rm	50.00		

