

## SCHEDULE "B"

### CONSTRUCTION OF PUBLIC WASHROOM IN DIFFERENT MARKETS OF DISTRICT EAST

#### ABSTRACT OF COST

SR. #	Description	Unit	Quantity	Rate	Amount ( Rs)
<b>PART-A (CIVIL WORK)</b>					
<b>(SCHEDULE ITEMS)</b>					
1	Excavation in foundation of Building Bridges and other structures including dagbelling dressing,refilling around structure with excavated earth Watering and ramming lead upto 5 ft.	%oCft	8,710.00	Rs. 3,176.25	27,665
2	Cement concrete plain including placing compacting, finishing and curing, comlete (including screening and washing at stone aggregate without shuttering. <b>(i) Ratio. 1:4:8</b>	% Cft	1,738.00	Rs. 11,288.75	196,198
3	Erection and removal of centering for R.C.C or plain cement concrete works for partial wood (ii) Vertical	% Sft	3,443.00	Rs. 3,127.41	107,677
4	Cement concrete plain including placing compacting, finishing and curing, comlete (including screening and washing at stone aggregate without shuttering. <b>(h) Ratio. 1:3 :6</b>	% Cft	531.00	Rs. 12,595.00	66,879
5	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 paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (a) R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.	P.Cft	1,104.00	Rs. 337.00	372,048
6	Fabrication of TOR steel reinforcement 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.)	P.Cwt	39.43	Rs. 5,001.70	197,217
7	Supplying and Filling earth filling under floor / foundation (Engineer's Fill) borrowed from approved outside soruce, including breaking clods, levelling, dressing, watering and consolidating in 9" layers etc and to obtain 95% modified AASHTO density. Complete including all lead & lifts as per instruction of the Engineer	P.Cft	599.00	N.S Rs. 30.00	17,970
8	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	% Cft	599.00	Rs. 1,065.04	6,380
9	Providing and laying 1 :3 : 6 Cement concrete solid Block masorany wall above 6" in thickness set in 1 : 6 cement mortar in G.F ground floor superstructure including raking out joints & curing etc, complete.	% Cft	636.00	Rs. 14,621.44	92,992

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SR. #	Description	Unit	Quantity	Rate	Amount ( Rs)
10	Providing and laying 1 :3 : 6 Cement concrete solid Block masorany set in 1 :6 cement sand mortar in plinth and foundation in cluding raking out joints and curing etc. complete.	% Cft	35.00	Rs. 15,771.01	5,520
11	Providing and fixing G.I frames /Choukhats of size 7" x 2" or 4 1/2" x 3" for door using 20 gauge G.I sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with 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.	P.Rft	172.00	Rs. 228.90	39,371
12	Providing and fixing G.I frames /Choukhats of size 7" x 2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with 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.	P.Rft	56.00	Rs. 240.50	13,468
13	First Class deodar wood fixed in position i/c chowkats hold fast iron tower bolts with hooks cleats handles and cords with hooks cleats handle and cords with h ooks etc	P.Sft	24.00	Rs. 454.19	10,901
14	Providing and fixing in position doors, windows and ventilators of 1st. Class deodar wood frames and 1-1/2" thick Teak wood ply shutters of 2nd class deodar wood skeleton (solid ) styles and rails core of partal wood and Teak ply wood (3-ply) on both sides i/c hold fasts, hinges, iron tower bolts, handles and cleats with cord etc. complete.	P.Sft	189.00	Rs. 1,227.36	231,971
15	Supplying & fixing inposition Aluminium channels framing for hinged doors or Alcop made with 5 mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks l/c handles, stoppers etc. (b) Deluxe model (Bronze).	P.Sft	135.00	Rs. 1,647.69	222,438
16	Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" l/c and frame of flat iron patti of 3/4" x 3/4" l/c circle shape at 1-0 apart equivalent fitted with screws are pins l/c painting 3 coats with 1st coat of red oxide paint etc.	P.Sft	42.00	Rs. 180.50	7,581
17	Providing and fixing iron steel grill door with angle iron frame of 1 1/2" x 1 1/2" x 1/4" and flat iron of 3/4" x 1/4" with approved design and locking arrangement embeded in Masonry as per instructions of Engineer in charge.	P.Sft	58.00	Rs. 194.16	11,261
18	Cement plaster 1:4 upto 12' height. <b>(b) 1/2" thick</b>	% Sft	1,854.00	Rs. 2,283.93	42,344
19	Bitumen coating to plastered or cement concrete surface.	% Sft	385.00	Rs. 778.09	2,996
20	Providing and laying single per layer of polythene sheet 0.13 mm thick for water proffing as per specification and instructions of Engineer incharge.	P.Sft	88.00	Rs. 10.70	942

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### CONSTRUCTION OF PUBLIC WASHROOM IN DIFFERENT MARKETS OF DISTRICT EAST

ABSTRACT OF COST					
SR. #	Description	Unit	Quantity	Rate	Amount ( Rs)
21	Providing and laying 2" thick topping cement concrete (1:2:4 ) including Surface finishing and dividiiing into panels:	% Sft	631.00	Rs. 3,275.50	20,668
22	Two coats of bitumen laid hot using 34 Lbs for % Sft. Ober roof and blinded with sand at one Cft. Per % Sft.	% Sft	480.00	Rs. 1,887.40	9,060
23	Laying floors of approved coloured glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2.	% Sft	248.00	Rs. 27,747.06	68,813
24	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	% Sft	675.00	Rs. 28,299.30	191,020
25	Colour Washing	% Sft	1,731.00	Rs. 1,303.17	22,558
26	Priming coat of chalk distemper.	% Sft	590.00	Rs. 442.75	2,612
27	Distempering. Three Coat	% Sft	1,854.00	Rs. 1,079.65	20,017
28	Painting doors and windows any type.	% Sft	426.00	Rs. 1,160.06	4,942
29	Extra for using Sulphate Resistance Cement P.Bag instead of Ordinary Portland Cement (R.A).	P.Bag	423.00	Rs. 30.00	12,690
<b>Amount of Schedule Items (Civil Works) :-</b>					<b>1,995,539</b>
Add / Deduct _____% on I.No. 1 to 28 :-					
<b>Total (Civil Works) :-</b>					

**CONTRACTOR SIGNATURE**

**EXECUTIVE ENGINEER  
EDUCATION WORKS DISTRICT  
WEST, KARACHI**

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#### ABSTRACT OF COST

SR. #	Description	Unit	Quantity	Rate	Amount ( Rs)
<b>PART -B</b>					
<b><u>WATER SUPPLY &amp; SANITARY ITEMS</u></b>					
<b><u>(SCHEDULE ITEMS)</u></b>					
1	Providing and fixing squatting type white glazed earthen ware w.e pan with including the cost of flushing cistern with internal fitting and flush Pipe with bend & making requisite number of holes in walls plinth & floor for pipe connections & making good in cement concrete 1:2:4 W.C pan of not less than 23" clear opening between flushing rims and 3 gallons flushing tank with 4" dia CI trape	Each	8.00	Rs. 5,044.60	40,357
2	Providing & fixing European type white glazed earthen ware wash down w3.c pan complete with & l/c cost of white/black plastic seat (Best Qty) & lid with c.p brass hinges best quality and buffers 3 gallons plastic flushing cistern with internal fitting with fitting and clamp 3/4" dia.and cutting & making requisite number of holes in walls, plinth & follr for Pipe cinnection & making good in cement concrete 1: 2: 4.	Each	8.00	Rs. 5,339.40	42,715
3	Providing & fixing 22 " x16" lavatory basin in whyte glazed earthen ware complete with & l/c tge cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red le4ad paint, of 1/2" dia chrome plated pillar taps, 1-1/2" rubber plug & chrome brass waste of approved pattern, 1-1/4" dia.Malloable iron c.p brass traps, malloable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1 : 2: 4. (Standard pattern).	Each	8.00	Rs. 4,694.80	37,558
4	Providing & fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection.	Each	12.00	Rs. 447.15	5,366
5	Supplying and fixing in position brass bib cocks 1/2" dia brass bib cock , Standard pattern	Each	8.00	Rs. 337.92	2,703
6	Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing inposition including cutting , fitting & jointing with maxphalt composition & cement mortor 1: 1 and testing with water pressure jto a head of 4 feet a bove the top of the heghest pipe & refilling with excavated staff.				
		6" Dia P.Rft	150.00	Rs. 199.25	29,888
		9" Dia P.Rft	300.00	Rs. 250.60	75,180
7	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6" (1067 mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick, inside of walls and 1" (25 mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2' x1-1/2' (457x457 mm) of 1.75 cwt. (88.9 kg) embaded in plain C.C 1:2:4 and fixing 1" (25 mm) dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc. Complete as per standard specification and drawing.	Each	20.00	Rs. 14,748.00	294,960



# SCHEDULE "B"

## CONSTRUCTION OF PUBLIC WASHROOM IN DIFFERENT MARKETS OF DISTRICT EAST

### ABSTRACT OF COST

SR. #	Description	Unit	Quantity	Rate	Amount ( Rs)
(i)	1/2" dia	Each	6.00	Rs. 200.42	1,203
(ii)	3/4" dia	Each	10.00	Rs. 271.92	2,719
(iii)	1" dia.	Each	10.00	Rs. 365.72	3,657

Amount of Schedule Items (Sanitary Works) :-

**673,172**

Add / Deduct \_\_\_\_\_% on I.No. 1 to 19 :-

Sub-Total Amount of Schedule Items (Sanitary Works) :-

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EXECUTIVE ENGINEER  
EDUCATION WORKS DISTRICT  
WEST, KARACHI

### PART-B

#### WATER SUPPLY & SANITARY ITEMS

##### (NON SCHEDULE ITEMS)

- 1 Providing and Fixing "U" PVC pipe Pak Arab or Equivalent schedule 40 opn surface or concealed masonry / cement concrete or RCC upto required height jointing by using solvent AGM or equivalent and making good with C.C in/c curing, finishing etc complete. This rate also in/c all kinds of labour material cartage etc as approved by Engineer Incharge (R.A).

(i)	1/2" dia	P.Rft	200.00	Rs. 45.00	9,000
(ii)	3/4" dia	P.Rft	100.00	Rs. 59.00	5,900
(iii)	1" dia.	P.Rft	250.00	Rs. 92.00	23,000

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### CONSTRUCTION OF PUBLIC WASHROOM IN DIFFERENT MARKETS OF DISTRICT EAST

ABSTRACT OF COST					
SR. #	Description	Unit	Quantity	Rate	Amount ( Rs)
2	Providing and Fixing UPVC Pipe (PAK ARAB or equivalent) Schedule 40 on surface and digging the trenches to required depth not less than 12" and fixing in position i/c cutting, fitting and jointing using approved solvent (AGM or equivalent) etc complete. This rate in/c all kind of labour, material, cartage etc as per approved by Engineer Incharge (R.A).				
	4" dia	P.Rft	100.00	Rs. 290.00	29,000
3	Providing and Fixing Elbow 90 degree (Pak Arab or equivalent) of approved quality and design of various size fixed to U PVC Pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).				
	(i) 1/2" dia	Each	160.00	Rs. 55.00	8,800
	(ii) 3/4" dia	Each	80.00	Rs. 76.00	6,080
	(iii) 1" dia.	Each	70.00	Rs. 140.00	9,800
4	Providing and Fixing U PVC socket (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).				
	(i) 1/2" dia	Each	40.00	Rs. 38.00	1,520
	(ii) 3/4" dia	Each	60.00	Rs. 46.00	2,760
	(iii) 1" dia.	Each	80.00	Rs. 55.00	4,400
5	Providing and Fixing U PVC UNION SOLVENT (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).				
	(i) 1/2" dia	Each	20.00	Rs. 350.00	7,000
	(ii) 3/4" dia	Each	24.00	Rs. 380.00	9,120
	(iii) 1" dia.	Each	30.00	Rs. 471.00	14,130
6	Providing and Fixing U PVC TEE (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).				
	(i) 1/2" dia	Each	20.00	Rs. 109.00	2,180
	(ii) 3/4" dia	Each	24.00	Rs. 136.00	3,264
	(iii) 1" dia.	Each	30.00	Rs. 160.00	4,800
7	Providing and Fixing U PVC TEE 4" DIA (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).	Each	12.00	Rs. 578.00	6,936

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#### ABSTRACT OF COST

SR. #	Description	Unit	Quantity	Rate	Amount ( Rs)
8	Providing and Fixing U PVC <b>ELBOW 90° 4" DIA</b> (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).	Each	12.00	Rs. 416.00	4,992
9	Providing and Fixing U PVC <b>SOCKET 4" DIA</b> (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).	Each	4.00	Rs. 292.00	1,168
10	Providing and Fixing U PVC <b>PLASTIC CLIP 4" DIA</b> (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).	Each	50.00	Rs. 150.00	7,500
11	Providing and Fixing U PVC <b>COWEL 4" DIA</b> (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).	Each	8.00	Rs. 303.00	2,424
12	Providing and Fixing U PVC <b>REDUCER BUSH SIZE 1/2"X3/4" DIA</b> (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).	Each	16.00	Rs. 89.00	1,424
13	Providing and Fixing U PVC <b>PLASTIC CLIP</b> (PAK ARAB or equivalent) of approved quality and design of various size fixed to U PVC pipe using approved adhensive compound of required height etc complete. This rate also in/c all kind of labour material cartage etc complete as approved by Engineer / Incharge (R.A).				
	(i) 1/2" dia	Each	100.00	Rs. 66.00	6,600
	(ii) 3/4" dia	Each	20.00	Rs. 42.00	840
	(iii) 1" dia.	Each	50.00	Rs. 74.00	3,700
<b>Sub-Total Non-Schedule Items (Sanitary Works) :-</b>					<b>176,338</b>
<b>Total Schedule + Non-Schedule Items (Sanitary Works) :-</b>					

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#### PART -C

#### ELECTRICAL WORK

#### (NON SCHEDULE)

1	Wiring for Light & Fan Point with 2x3.029 PVC insulated copper conductor wire (Pioneer / AGE / Universal) in 20 mm (3/4" inch dia) PVC pipe recessed in the wall or column complete as per direction of Engineer In-charge (A.R).	Nos	50	Rs. 800.00	40,000
2	Wiring for Light & Fan Point with 2x7.029 PVC insulated copper conductor wire (Pioneer / AGE / Universal) in 20 mm (3/4" inch dia) PVC pipe / PVC Channed recessed / on surface of the wall or column complete as per direction of Engineer In-charge (A.R).	Nos	50.00	Rs. 1,650.00	82,500
3	Wiring for main including capping casing as per required including all cost of labour and material etc (A.R).				
	<b>a) 7/029</b>	Rft	24	Rs. 290.00	6,960
	<b>b) 7/036</b>	Rft	12	Rs. 450.00	5,400
	<b>c) 7/044</b>	Rft	80	Rs. 550.00	44,000
4	Providing and Fixing of light plug 3 Pin type 10 ampere (Clipsal / Orange) make (A.R).	Nos	15	Rs. 350.00	5,250

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#### ABSTRACT OF COST

SR. #	Description	Unit	Quantity	Rate	Amount ( Rs)
5	Providing and Fixing Exhaust Fan plastic body 16 inch size i/c cost of cutting the wall P/F wooden sheet complete in all respect as per instruction of Engineer In-charge (Pak / Millat / GFC) (A.R).	Nos	25	Rs. 3,200.00	80,000
6	Providing and Fixing Power Plug 20 Amp of approved quality as per required including all cost of labour and material etc (A.R).	Nos	12	Rs. 850.00	10,200
7	Providing and Fixing Ceiling Fan of 56" Sweep of approved quality as per required including all cost of labour and material etc (A.R).	Nos	12	Rs. 4,500.00	54,000
8	Providing and Fixing Tube Lights 40 Waltt pair with frame approved quality as per required including all cost of labour and material etc (A.R).	Nos	32	Rs. 5,500.00	176,000
9	Providing and Fixing Fiber Sheet of different size of approved quality as per required including all cost of labour and material etc (A.R).	Nos	49.60	Rs. 150.00	7,440
10	Providing and Making light and fan points as per required including all cost of labour and material etc (A.R).	Nos	13	Rs. 1,450.00	18,850

**Total Non-Schedule Items (Electrical Works) :-**

**530,600**

**Grand Total (Civil Works + Sanitary Works + Electrical Works) :-**

Cost of 1 Wash Room

Rs. \_\_\_\_\_ x 5 =

Rs.

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EDUCATION WORKS DISTRICT  
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