

**PART-B WATER SUPPLY & SANITARY FITTING
SCHEDULE-B**

NAME OF WORK:- REHABILITATION / RECONSTRUCTION OF EXISTING PRIMARY / SECONDARY SCHOOLS AT GADAP TOWN KARACHI (ADP. NO.361 2016-17) AT GOVT. BOYS PRIMARY SCHOOL DUR MUHAMMAD VILLAGE GADADP KARACHI.

S.No.	Description.	Qty	Rate	Unit	Amount.
1	Providing & fixing squatting type white Glazed of flushing cistern with internal fitting and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connections & making good in cement concrete 1:2:4 (a) W.C pan of non less than 23" clear opening between flashing rims and 3 gallons flushing tank with 4" dia C.I. traps (Foreign Quality) (S.I.No.2-A P-1)	2.00	5772.80	Each	11,545.60
3	Providing and fixing 22"x16" lavatory basin white glazed earthen ware complete with & 1/c the cost of W.I. or C.I. Cantilover bracktes 6" inches built into walls, painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia chrome plate pillar taps 1-1/2" rubber plug and chrome plated brass chain 1-1/4" dia malleable iron or cp brass traps malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4. (Standard Patterns),(S.I.No: 12/P-4)	1.00	4694.80	Each	4,694.80
4	Add Extra labour for providing and Fixing of earthen ware pedestal white or coloured glazed (Standard Patterns) (S.I.No:9 /P-3)	1.00	938.47	Each	938.00
5	Providing and fixing 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with and 1/c making requisite number of holes in walls plinth and floor for pipe connection and making good in cement concrete 1:2:4.(S.I.No: 20/P-6)	2.00	2042.43	Each	4,085.00
7	Providing and fixing in position nyloon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining to nyloon connection (S.I.No: 23/P-6)	1.00	447.15	Each	447.15
9	Supplying and fixing brass bib cock of Superior Quality with c.p. head 1/2" dia. (S.I.No: 1-B/Chapter-6)	2.00	337.92	Each	675.84
10	Supplying and Fixing Stop Cock of superior quality with c.p. jhead 1/2" dia (S.I.No: 13/a/P-6)	2.00	1109.46	Each	2,218.92
11	Supplying and fixing bib cock of Superior Quality with c.p. head 1/2" dia. (S.I.No: 15a/Chapter-6)	2.00	1109.46	Each	2,218.92
12	Providing & Fixing handle valves (China) (S.I.NO.5 P-17). 1/2" dia	1.00	200.42	Each	200.42
13	Providing and fixing 15"x12" beveled edge minor of belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden plate Superior Quality.(S.I.No: 4/b/P-7)	1.00	2047.76	Each	2,047.76
14	S/F soap tray earthenware C.P screw etc complete (S.I.NO.5 P-8)	1.00	497.20	Each	497.20

CHECKED
DRAFTSMAN
Education Division-II

16	P/F 4" dia Terminal Guard in/c extra painting to match the colour of the building (S.I.No.11 P-10)	1.00	389.70	Each	389.70
18	Providing chambers 15"x9" (inside dimensions) x24" deep for house meters with 6" thick C. C. 1:3:6 blocks set on 1:6 cement mortar, 6" thick C. C. 1:4:8 in foundation, 1/2" thick cement plaster 1:3 C.M.to all inside wall surface and to top, 1" thick C. C. 1:2:4 flooring complete with hinged cast iron cover and frame 15"x9" (inside) clear opening (Wt.1Qr) etc fixed in C. C 1:2:4 includinbg curing, excavation, back filling and disposal of surplus earth etc complete.(S.I.No.2 P-20)	1.00	5913.22	Each	5,913.00
19	Construction of main hole or inspection chamber for there or required dia circular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2" thick in site of walls and 1" (25mm) thick over benching and channel and 1/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embeded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully painted etc complete as per specification and drawing No D.P -1 of Public Health Circular Southern Zone.	2.00	14748.00	Each	29,496.00
Schedule Item Total:-					65,368.31

_____ % Below / Above

Contractor Signature

CHECKED
DRAFTSMAN
Education - II
Division-II

NON-SCHEDULE ITEM

1	Providing & Fixing uPVC Pipe (PAK ARAB or equivalent) Schedule 40 on surface or concealed masonry / Cement Concre or uPVC 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 kind of labour, material, cartage etc as approved by Engineer Incharge.(R.A)				
	1/2" dia	15.00	45.00	P.Rft	675.00
	1" dia	50.00	92.00	P.Rft	4,600.00
2	Providing & Fixing Elbow 90° (PAK ARAB or equivalent) dia of approved quality and design of various size fixed to uPVC pipe using approved adhensive compound upto required height etc. complete. This rate also in/c all kind of labour, Material, Cartage etc complete as approved by Engineer Incharge				
	1/2" dia	1.00	55.00	Each	55.00
	1" dia	3.00	140.00	Each	420.00
3	Providing & Fixing uPVC Union "Solvent" (PAK ARAB or equavelent) Schedule 40 make of approved quality and design of various size fixed to uPVC pipe using approved adhensive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.				
	1/2" dia	1.00	351.00	Each	351.00
	1" dia	3.00	472.00	Each	1,416.00
4	Providing & Fixing uPVC Socket (PAK ARAB or equavelent) make of approved quality and design of various size fixed to uPVC pipe using approved adhensive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.				
	1/2" dia	1.00	38.00	Each	38.00
	1" dia	3.00	55.00	Each	165.00

- 5 Providing & Fixing uPVC TEE (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge

1/2" dia	1.00	110.00	Each	110.00
1" dia	3.00	160.00	Each	480.00

- 6 Providing & Fixing uPVC Ball Valve (Solvent) (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge

1/2" dia	2.00	390.00	Each	780.00
1" dia	2.00	615.00	Each	1,230.00

- 7 Providing & Fixing uPVC Plastic Clip (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge

1/2" dia	2.00	66.00	Each	132.00
1" dia	5.00	74.00	Each	370.00

- 8 Providing & 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 in/c cutting and jointing using approved solvent (AGM or equivalent) etc complete. This rate also in/c all kind of labour, material, cartage etc as per approved by Engineer Incharge.

3" dia	15.00	109.00	P.Rft	1,635.00
4" dia	10.00	290.00	P.Rft	2,900.00
6" dia	50.00	434.00	P.Rft	21,700.00

Non-Schedule Item Total:-

37,057.00

CHECKED

DRAFTSMAN
Education Division-II


EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION-II
EDUCATION & LITERACY DEPARTMENT
GOVT. OF SINDH KARACHI.

2	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge G.I. sheet i/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 making and fixing.(S.I.No: 29/P-93)	108.00	228.90	P.Rft	Rs: 24721.00
3	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge G.I. sheet i/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 making and fixing.(S.I.No: 28/P-92)	360.00	240.50	P.Rft	Rs: 86580.00
4	S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in painting 3 coats etc complete (wt. not less then 3.7lbs of finsiing and (S.I.No: 26/P-93)	360.00	180.50	P.Sft	Rs: 64980.00
5	Making & Fixing steel grated doors with 1/16" thick sheeting in/c angle iron frame 2" x 2" 3/8 and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-92)	96.00	726.72	P.Sft	Rs: 69765.00
					Total:- <u>546,148.00</u>

CHECKED
 DR. ISHMAN
 Education Division-II

_____ % Below / Above

Contractor Signature

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION-II
EDUCATION & LITERACY DEPARTMENT
GOVT. OF SINDH KARACHI.