

	Supplying and installing PVC strainers 'B' class of approved design quality and make in/c necessary socket etc complete. (S.I.No.9 BHE P-43).	140.00	554.05	P.Rft	Rs:	77,567.00
3	Supplying and installing PVC blind pipe 'B' class of approved design quality and make in/c necessary socket etc complete. (S.I.No. 12 BHE Page-44).	140.00	516.80	P.Rft	Rs:	72,352.00
4	Providing Laying uPVC pipes of Class 'B' fixing in trench in/c cutting fitting and jointing with solvent cement in/c testing with water to a head of 61 meter or 200 ft. (S.I.No.4 BHE Page -23).	140.00	90.00	P.Rft	Rs:	12,600.00
5	Shrouding with graded bagri (3/8" to 1/8" or 9 to 3 mm) in between bore and blind pipe for the following diameters of strainers. (S.I.No.13 BHE P-45) (200 mm 8" dia).	150.00	105.00	P.Rft	Rs:	15,750.00
6	Full hire charges of the pumping set per day in/c of wages of driver and assistant fuel or electric energy plate forms required for placing pumps etc at lower depth with suction and delivery pipes for pumping out water found at various depth from trench in/c the cost of erection and dismantling after completion of the job iii) Hire charges of pumping out water from 20ft. depth trench (PHS.I.No.23 iii) Page-53).	8.00	1500.00	P.Day	Rs:	12,000.00
7	Supplying and fixing centrifugal Pump Local made etc complete.	2.00	24000.00	Each	Rs:	48,000.00
					Total:-	Rs: <u>318,519.00</u>

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Contractor Signature

SCHEDULE ITEM 20% BELOW

1	First class deodar wood wrought joinery in doors and windows etc fixed in position in/c chowkhat hold fasts hinges, iron tower bolts chocks cleats handles and cords with hooks etc (S.I.No.7 P-58) Only shutters.	419.00	902.93	P.Sft	Rs:	378328.00
					Total:-	<u>378,328.00</u>

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SCHEDULE ITEM 10% ABOVE ON STEEL

**CHECKED**  
  
 Education Division-II

1	Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)	60.00	5001.70	P.Cwt	Rs:	300102.00
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

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-93)

	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/c painting 3 coats etc complete (wt. not less then 3.7lbs of finishing p/f) (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 of size 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**  
 Education Division-II  
 GOVT. OF SINDH KARACHI

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Contractor Signature

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

## PART-B WATER SUPPLY & SANITARY FITTING

NAME OF WORK:-

REHABILITATION / RECONSTRUCTION OF EXISTING PRIMARY /  
SECONDARY SCHOOLS AT GADAP TOWN KARACHI (ADP. NO.361  
2016-17) AT ABDUL REHMAN JOKHIO GOTH 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 brackets 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 trap 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 nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining to nylon 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. head 1/2" dia (S.I.No: 13/a/P-6)	2.00	1109.46	Each	2,218.92
11	Supplying and fixing long 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 mirror 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
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

**CHECKED**  
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**Education Division-II**

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 (Wi.1Qr) etc fixed in C. C 1:2:4 including 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 1/2" fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embedded 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**

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Contractor Signature

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**NON-SCHEDULE ITEM**

1. Providing & Fixing uPVC Pipe (PAK ARAB or equivalent) Schedule 40 upto required surface or concealed masonry / Cement Concrte or R.C.C 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)

DRAFTSMAN  
Education Division-II

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 adhesive 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 equivalent) Schedule 40 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	351.00	Each	351.00
1" dia	3.00	472.00	Each	1,416.00
4. Providing & Fixing uPVC Socket (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	38.00	Each	38.00
1" dia	3.00	55.00	Each	165.00