

**PART B (Sanitary Work) SCHEDULE-B**

NAME OF WORK:-

**REHABILITATION / IMPROVEMENT / RENOVATION & PROVISION OF MISSING FACILITIES IN EXISTING PRIMARY / ELEMENTARY SCHOOLS DISTRICT MALIR @ GBELS HAJI PATHAI GOTH SECTOR 7/A MAYMARABAD.**

S.NO.	DESCRIPTION	QNTY	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 (S.I.No: 1/a/Chapter-1)	3.00	5044.60	Each	15,133.80
2	Providing and fixing 24"x18" lavatory basin white glazed earthen ware complete with & 1/c the cost of W.L. 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: 8/Chapter-1)	1.00	4253.70	Each	4,253.70
3	Add Extra labour for providing and Fixing of earthen ware pedestal white or coloured glazed (Standard Patterns) (S.I.No: /Chapter-1)	3.00	938.47	Each	2,815.00
4	Supplying and Fixing Swan type pillar cock of superior quality single c.p. head 1/2" dia (S.I.No: 18/aP-16)	3.00	887.80	Each	2,663.00
5	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/Chapter-1)	4.00	447.15	Each	1,789.00
6	Providing and fixing 6"x2" or 4"x2" C.I. top 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/Chapter-1)	4.00	2042.43	Each	8170.00
7	Supplying and fixing long bib cock of Superior Quality with c.p. head 1/2" dia. (S.I.No: 15a/Chapter-6)	3.00	1109.46	Each	3,328.00
8	Supplying and Fixing Stop cock of superior quality with c.p. jhead 1/2" dia (S.I.No: 13/a/Chapter-6)	3.00	1109.46	Each	3,328.00
9	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 cost 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.	4.00	5913.22	Each	23,653.00

**CHECKED**

SWAN  
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10	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
11	Providing & Fixing handle valves (China) (S.I.NO.7 P-14).				
	1/2" dia	1.00	200.42	P.Rft	200.00
	3/4" dia	1.00	271.92	P.Rft	272.00
	1" dia	1.00	365.42	P.Rft	365.00
12	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/Chapter-2)	1.00	800.80	Each	801.00
13	Providing R. C. C. Pipe with collars class "B" and digging the trenches to required depth and fixing in position including cutting, fitting and jointing with maxphalt composition and cement mortar 1:1 and testing with water pressure to a head of 4 ft above the top of the highest pipe and refilling with the excavated stuff 4" dia & 6" dia. (S.I.No. 2/b/c/Chapter-10)				
	6" dia	15.00	199.25	P.Rft	2,989.00
				<b>Total:-</b>	<b>99,256.50</b>
					<b>% Below / Above</b>

**Contractor Signature**

**NON-SCHEDULE ITEM**

14	Providing & Fixing uPVC Pipe (PAK ARAB or equivalent) Schedule 40 surface or concealed masonry / Cement Concrete or R.C.C pipe required height jointing by using solvent (AGM or equivalent) 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	40.00	66.00	P.Rft	2,640.00
	3/4" dia	50.00	81.00	P.Rft	4,050.00
	1" dia	70.00	106.00	P.Rft	7,420.00
15	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				
	1/2" dia	3.00	64.00	Each	192.00
	3/4" dia	4.00	68.00	Each	272.00
	1" dia	3.00	84.00	Each	252.00
16	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				
	1/2" dia	2.00	353.00	Each	706.00
	3/4" dia	2.00	463.00	Each	926.00
	1" dia	2.00	573.00	Each	1,146.00
17	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				
	1/2" dia	2.00	60.00	Each	120.00
	3/4" dia	2.00	63.00	Each	126.00
	1" dia	2.00	73.00	Each	146.00

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 DR. A. H. SMAN  
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18	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				
	1/2" dia	2.00	68.00	Each	136.00
	3/4" dia	2.00	77.00	Each	154.00
	1" dia	2.00	90.00	Each	180.00
19	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				
	1/2" dia	5.00	66.00	Each	330.00
	3/4" dia	5.00	72.00	Each	360.00
	1" dia	5.00	74.00	Each	370.00
20	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 fitting and jointing using approved solvent				
	3" dia	40.00	391.00	P.Rft	15,640.00
	4" dia	60.00	541.00	P.Rft	32,460.00
21	Providing & Fixing Elbow 90° (PAK ARAB or equivalent) 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				
	3" dia	3.00	306.00	Each	918.00
	4" dia	5.00	416.00	Each	2,080.00
22	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				
	3" dia	3.00	435.00	Each	1,305.00
	4" dia	5.00	578.00	Each	2,890.00
23	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				
	3" dia	3.00	232.00	Each	696.00
	4" dia	5.00	292.00	Each	1,460.00
24	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				
	3" dia	4.00	5,033.00	Each	20,132.00
	4" dia	5.00	8,883.00	Each	44,415.00

Non Schedule Item 141,522.00

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

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 DRAFTSMAN  
 Education Division-II