

SCHEDULE "B"

PROVIDING LAING P.E WATER LINE 4", 6", 8" FROM KW&SB FILTER PLANT TO WATER TANK AT SHANTI NAGAR UC - 23 GULSHAN - E - IQBAL

ABSTRACT OF COST

SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
1	Excavation for pipe line in trenches & pits & all kind of soil of morum i/c trimming & dressing sides to true alignment and shape & levelling of beds of trenches to correct level & grade cutting, jointing holes & disposable of surplus earth within one chain as directed by Engineer In charge. (Vol-IV, Part-VI, Ch-2, Pg-60, Sr. 1)	%oCft	360,000.00 Cft	Rs. 4,650.00	Rs. 1,674,000
2	Providing, Laying & Fixing in trench i/c fitting, jointing & testing etc. complete in all respect the high Density Polyethylene PE pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051. (Vol-IV, Part-VI, Ch-2, Pg-25, Sr. F)				
	4" Ø	P.Rft	8,000.00 Rft	Rs. 268.00	Rs. 2,144,000
	6" Ø	P.Rft	8,000.00 Rft	Rs. 530.00	Rs. 4,240,000
	8" Ø	P.Rft	8,000.00 Rft	Rs. 1,044.00	Rs. 8,352,000
3	Full hire charges of the pumping set per day inclusive of wage of driver and assistant fuel or electric energy plate form required for placing pump etc. at lower depth with suction and delivery pipe for pumping out water found at various depth from trenches i/c the cost of erection and dismantling after completion of the job. Higher charge of pumping set of upto 10 HP (but not less than 5 HP) pumping out water form 10' deep trench. (Vol-IV, Part-VI, Ch-2, Pg-76, Sr. 23-i)	P.Day	60.00 Days	Rs. 1,500.00	Rs. 90,000
4	Refilling the excavated stuff in trenches 6" thick layer including watering ramming to full compaction etc. complete (Vol-IV, Part-VI, Ch-2, Pg-77, Sr. 24)	%oCft	313,200.00 Cft	Rs. 2,760.00	Rs. 864,432
5	Providing and Supplying of C.I Sluice Valve etc. complete (Vol-III, Part-III-A, Pg-11, Sr. 2-b, d)				
	4" Ø	Each	11.00 Nos	Rs. 5,460.00	Rs. 60,060
	6" Ø	Each	11.00 Nos	Rs. 9,360.00	Rs. 102,960
	8" Ø	Each	11.00 Nos	Rs. 11,000.00	Rs. 121,000
6	Fixing of Sluice Valve with 2 C.I Tail piece one end flanged and other socket including the cost of nuts bolts and rubber packing, labor etc. (Vol-III, Part-C M.S Special, Pg-12, Sr. 11-b,c)				
	4" Ø	Each	11.00 Nos	Rs. 1,532.00	Rs. 16,852
	6" Ø	Each	11.00 Nos	Rs. 1,886.00	Rs. 20,746
	8" Ø	Each	11.00 Nos	Rs. 3,100.00	Rs. 34,100
7	Providing and Fixing MS Split Collar Tee on PRCC Pipe of different size having width as mentioned against etc. item, it includes the cost of 4 Nos thick flanges, nuts & bolt, rubber packing, labor and sealing material etc. complete (Vol-III, Part-C M.S Special, Pg-4, Sr. 4-b,c)				
	4" Ø	Each	11.00 Nos	Rs. 1,835.00	Rs. 20,185
	6" Ø	Each	11.00 Nos	Rs. 2,129.00	Rs. 23,419
	8" Ø	Each	11.00 Nos	Rs. 3,710.00	Rs. 40,810
8	Providing and Fixing MS flanged made of MS plate having a thickness and total weight as mentioned against each item. It includes the cost of making holes, facing, welding, nuts, bolts, rubber packing white lead, filter cartage etc. complete (Vol-III, Part-C M.S Special, Pg-8, Sr. 8-a,b,c)				
	4" Ø	Each	11.00 Nos	Rs. 1,148.00	Rs. 12,628
	6" Ø	Each	11.00 Nos	Rs. 1,520.00	Rs. 16,720
	8" Ø	Each	10.00 Nos	Rs. 2,330.00	Rs. 25,630
9	Providing and Fixing a Long 3/8" thick MS neck to existing Pipe or to a split collar tee having a total weight as mention each items (Vol-III, Part-C, Pg-11, Sr. 10-a,b,c)				
	4" Ø	Each	11.00 Nos	Rs. 1,229.00	Rs. 13,519
	6" Ø	Each	11.00 Nos	Rs. 1,984.00	Rs. 21,824
	8" Ø	Each	11.00 Nos	Rs. 2,502.00	Rs. 27,522

SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
10	Providing and Fixing M.S Tail piece (Dholki) on A.C pipe fabricated with 8" thick M.S plate, having dimensions and weight as mentioned against each item, it includes the cost of labor and sealing material etc. complete (Vol-III, Part-C, Pg-7, Sr. 7-a,c,d)				
	4" Ø	Each	11.00 Nos	Rs. 1,098.00	Rs. 12,078
	6" Ø	Each	11.00 Nos	Rs. 1,422.00	Rs. 15,642
	8" Ø	Each	11.00 Nos	Rs. 2,230.00	Rs. 24,530
11	Providing and Fixing M.S Bend fabricated with 3/8" Dia M.S plate having an outer length and total weight as mentioned against each item (Vol-III, Part-C, Pg-5, Sr. 5(a)-a, b,c)				
	4" Ø	Each	11.00 Nos	Rs. 1,082.00	Rs. 11,902
	6" Ø	Each	11.00 Nos	Rs. 2,435.00	Rs. 26,785
	8" Ø		11.00 Nos	Rs. 2,241.00	Rs. 24,651
12	Making connection with the existing Manholes i/c the cost of cutting holes in walls making them good in cement concrete 1:2:4 and making the required channel etc. complete. (Vol-III, Part-V-B, Chap-16, Pg-31, Sr. 3)	Each	79.00 Nos	Rs. 180.00	Rs. 14,220
13	Providing Chamber 3'x2' (915x615 mm) inside dimension 4 1/2' (1372 mm) deep as per approved design for sluice value 3" to 12" dia with 18" (457 mm) dia inside cast iron cover and frame (wt.=1 cwt 3 qr) fixed in R.C.C 1:2:4 (102 mm) thick (with 5 Lbs. steel per cft) 9" (299 mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every one foot beyond 2 1/2 ft. depth curing, excavation, back filling and disposal of surplus earth etc. complete. (Vol-IV, Part-VI, Chap-2, Pg-49, Sr. 1)	Each	33.00 Nos	Rs. 18,820.00	Rs. 621,060

Total Cost of Work Rs. **18,673,275**

Add / Deduct _____% on I.No. 1 to 13 :-

Rs. _____
TOTAL :- Rs. _____

CONTRACTOR SIGNATURE

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