

Section-06
Bill of Quantities (BOQ)

Name of the work : Leakage repair and Contaminated water removal works in Ibrahimpur, Kafrul, NHB, Goalbari and Habibullah Road areas of DMA-1006 under MODS Zone-10, Dhaka WASA .

Sl No	Rate Schedule	Description of the item	Quantity	Unit	Rate	Amount
1	Pre-Appr Rate/ Anal- ysis	Supply & lay unpracticed polyvinyl chlorideHDPE Water pipe line in accordance with the technical specification and the standard details drawing of any diameter . All completed as per direction by the engineer.				
a	Rate	37 mm dia HDPE Pipe	35.00	Meter	185.001	6,475.035
b		75 mm dia HDPE Pipe	7.00	Meter	1,172.001	8,204.007
c		110 mm dia HDPE Pipe	8.00	Meter	2,024.001	16,192.008
d		160 mm dia HDPE Pipe	5.00	Meter	2,933.001	14,665.005
e		200 mm dia HDPE Pipe	4.00	Meter	4,000.001	16,000.004
2	Pre-Appr Rate/ Anal- ysis	Extra-over item 1 for supply (fittings described in schedule of requirement Annex -) and lay of uPVC/ DI/ MS fittings as per specifications and direction of Engineering in charge. (uPVC fittings mentioned in the deptt materials chart Annex -- will be supplied by the DWASA.				
a	Rate	160 mm dia 90' bend	6.00	Each	2,150.001	12,900.006
a		110 mm dia 90' bend	3.00	Each	1,538.001	4,614.003
b		75 mm dia 90' bend	5.00	Each	1,130.001	5,650.005
3	Pre-Appr Rate/ Anal- ysis	Extra -over item 1 for supply and lay of Ductile/ cost iron dresser type flexible coupling/adpoterss for the pipe materialsand diameter given below in accordance with the technical specification and the standard detail drawing.				
a	Rate	200 mm dia HDPE Sleeve	3.00	Each	4,108.001	12,324.003
b		160 mm dia HDPE Sleeve	2.00	Each	4,108.001	8,216.002
c		110 mm dia HDPE Sleeve	7.00	Each	1,923.001	13,461.007
d		75 mm dia HDPE Sleeve	3.00	Each	1,293.001	3,879.003
e		160 mm dia HDPE Saddle	2.00	Each	850.001	1,700.002
f		110 mm dia HDPE Saddle	2.00	Each	850.001	1,700.002
g		75 mm dia HDPE Saddle	6.00	Each	680.001	4,080.006
h		20 & 25 mm dia GI Plug	4.00	Each	45.001	180.004
4	2.10.1 (PWD)	Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.5 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.	60.00	Cum	1,088.001	65,280.060
5	2.9 (PW D)	Extra -over item I for the excavation and removal of loose soil from site and the back fill of the excess excavation with approved with the technical specification.	60.00	Cum	1,054.001	63,240.060

Handwritten signatures and dates:
10/9/25



6	2.5(PWD)	Palisading work by supplying of bitumen drum sheet walling tied with 20 BWG G.I. wire fixing the same with already driven borrak bamboo posts with half split borrak bamboo runners @ 450mm c/c horizontally with iron nails, G.I wire etc. all complete and accepted by the Engineer-in-charge. (Rate is excluding the cost of bamboo post).	60.00	sqm	613.001	36,780.060
7	Pre-Approved Rate	Hire Charge of 1.5 KVA mobile Generator for power supply to drive electrofusion machine. Including fuel and operators all complete as per direction of the E/C.	11.00	Per/day	2,000.001	22,000.011
8	Pre-Approved Rate	Hire Charge of electrofusion machine to joint sleeve in the excavation. all complete as per direction of the E/C.	8.00	Per/day	1,500.001	12,000.008
9	WASA R.S-18	Hire Charge of de-watering pump. Bailing out of all from pipe line trench with supply of De- watering pump required size including supplying of fuel, lubricants and all other required accessories & manpower to keep the trench in a dry condition at all times etc. all complete as per direction of the E/C.	10.00	Per/day	1,862.001	18,620.010
10	WASA R.S-21	Reconstruction & repair of service manhole (Drain pit) Reconstruction & repair of broken service manhole (drain pit) including supply of bricks sand cement, khoa with labor/Mistry I/C, Supply of all other materials as per direction of the E/C.	8.00	Each	1,500.001	12,000.008
11	WASA R.S-22	Constructing 30 mm clear width and depth up to 300 mm brick masonry surface drain with 125 mm thick check wall in cement mortar (1:6) on 75 mm thick cement concrete base(1:3:6) over one layer of brick fiat soling, the surface having minimums 12 mm thick cement plaster 1:3 neat cement finishing, caring at least for 7 days in/c excavation of all kinds of soil, back filling with fine sand, consolidation and dressing	7.00	M	422.001	2,954.007
12	WASA R.S-21	Making of plug at DCC Drain pit for remove dirty water and remove the plug after completion the work including supplying of sand, jute, bag, rope G.I. Wire etc.	4.00	Each	777.001	3,108.004
13	WASA R.S-16	Connection of existing house service line to new water main at all depth in accordance with the technical specification for the diameter of service line giver below . The rate to include for plugging, de-watering, cleaning and unplugging of the existing service line, The rate also to including for necessary diversion and pumping to keep the service line in continuous operation.				
a		a)DN- 20 to DN 25 mm dia	3.00	Each	1,216.001	3,648.003
b		b)DN- 32 to DN 50 mm dia	4.00	Each	2,021.001	8,084.004
14	3.4.1(PWD)	Placing of Mass concrete 1:3:6 for the anchor blocks at all bends, tees end caps and reducers, including the supply of all materials in accordance with technical specification and direction of Engineering in charge and standard drawings. The rate to include for necessary additional excavation; supply of all materials and for the wrapping of all PVC fittings encased in concrete with two layers of heavy duty polythene sheeting.	5.47	cum	7833.000	42,846.510



15	24 10(PWD_ 2018)	Providing compacted sub-base course with well graded material of crushed well burnt picked jhama / 1st class brick bats and sand (FM 0.8) with mixing proportion 2 : 1 having compacted thickness made as per specification including local handling, spreading uniformly to proper grade camber and super elevation, packing, rolling properly with 8 to 10 ton capacity power driven road roller and watering properly for compaction of 100% MDD (standard) blinding with sand including cost of fuel, lubricants, spares, maintenance, driver etc. all complete and accepted by the Engineer-in-charge.	12.00	cum	5449 001	65,388.012
16	LS	Road Safety measures and tools as per direction of Engineer in Charge.	1.00	LS	12000 001	12,000.001
Total Tk=						498,188.860

Tender Price quoted by the Tenderer : (% above / Less)

Tk. In Figure :

Tk. In Word :

1% Less
4,93,206.97
Four Lac Ninety Three Thousand Two Hundred six and Paise Ninety seven only
PK

25



PK
18/9/15

PK
10/09/15

Amr.
14/09/15