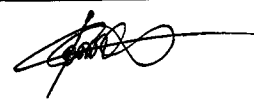


Office of the Executive Engineer
MODS Zone-7, DWASA
107/1/a/1/a, Uttor Jatrabari
Near Ideal School & College, Jatrabari
Dhaka.

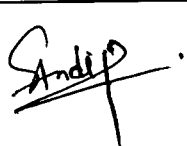
Name of Work: Repair & maintenance of delivery line and water Main line of West Mohammadbagh water pump compound under MODS Zone-7, Dhaka WASA.

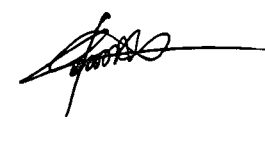
Sl. No.	Rate	Description of item	Unit	Qty	Est. Cost	Actual Cost
1	Approved Rate	Supply, lay, fitting and fixing of uPVC (Unplasticized polyvinyl chloride)/DI/PE/MS/HDPE water pipelines (including supply of materials, fittings, Equipment described in schedule) in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil, BFS/HBB/Bituminous road, CC, RCC road surface except rock to the full depth of trench required by the specifications, precautions necessary to avoid damage of underground utility services, (any damage Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, preparation of trench bottom, at depth of 1.2.M, transport (all kinds of materials, equipment, pipes & fittings) to site, laying, jointing and cleaning of the water pipes; disposal of surplus excavated material and transport back surplus materials to Dhaka WASA stores (materials supplied by Dhaka WASA described in Annexure ----) as per specifications and direction of Engineering in charge (cost of excess excavated earth would be deducted as per deptt material rate)				
		i) 200 mm dia uPVC Pipe PN 10,	M	2.000	Divisional Supply	
2	Approved Rate	iii) 200 mm dia (semless) M.S. Pipe.	M	3.000	3888.000	11664.000
3	Approved Rate	Supply, lay, fitting and fixing of DI/CI/MS/GI fittings for PVC/HDPE pipes in accordance with the technical specifications, standard detailed drawings and direction of Engineering in charge.				
		ix) 200 mm dia C.I Dresser Coupling in/c nut-bolts	Each	4.000	1668.000	6672.000
4	Approved Rate	Supply, lay, fitting and fixing of different types of fittings for Delivery main & washout line in accordance with technical				
		iv) 350-200×20 mm th M.S Flange	Each	1.000	633.000	633.000



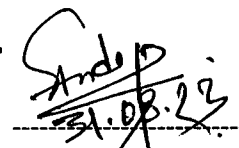


		Description of Item	Unit	Qty	Rate (B.O.T)	Amount (B.O.T) (₹)
5	Approved Rate	vi) 75×20 mm dia Nut Bolts	Each	20.000	58.000	1160.000
6	Approved Rate	vii) 20 mm dia M.S Anchor nut Bolt	Each	4.000	345.000	1380.000
7	Approved Rate	viii) 350-200×5 mm thick rubber gasket	Each	8.000	75.000	600.000
8	Approved Rate	ix) 350-150×5 mm thick rubber gasket	Each	8.000	70.000	560.000
9	Approved Rate	Supply, lay, fitting and fixing of DI/CI/MS/GI fittings for Installation of Delivery line in accordance with the technical specifications, standard detailed drawings and direction of Engineering in charge.				
		iii) Clamp (one pair)	Each	2.000	3676.000	7352.000
10	Approved Rate	Pipe bedding surrounding: Supply, depositing and compaction of fine sand (FM 0.8) bedding, surrounding and above pipes up to required depth with proper ramming of 150mm layer as per specifications, standard detailed drawings and direction of Engineering in charge.	Cum	2.500	635.000	1587.500
11	Approved Rate	Main backfill of trenches: Supply depositing and compaction of fine sand back filling (FM 0.8) at all required depth in accordance with the technical specification and direction of Engineering in charge, and standard detail drawings for all water pipe line diameters. .	Cum	6.500	635.000	4127.500
12	Approved Rate	Excavation and removal of loose soil from site and the back fill of the excess excavation with approved fill materials/ excavated earth all in accordance with technical specification.	Cum	2.357	331.000	780.002
13	Approved Rate	Interconnection of water pipelines to any existing water supply networks, the rate includes for excavation, cutting, necessary plugging, de-watering, cleaning and unplugging, protection and repair of any existing structures. All works shall be done in accordance with Technical Specification and direction of Engineering in charge and Standard detail Drawings for the diameter of the existing water pipelines given below.				
		a) 100 to 225mm dia PVC	Each	1.000	2248.000	2248.000
14	Approved Rate	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 the technical specification necessary additional excavation ; supply of all materials and for the wrapping of all PVC jetting encased in concrete with two layers of heavy duty polytheist sheeting .	Cum	0.243	7643.000	1857.249





Sl. No.	Rate	Description of Item	Unit	Qty	Rate (BDT)	Amount (BDT)
15	Approved Rate	Mobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. This work shall also covers clayey cleaning and clearing, cutting or filling, dressing the project area on and in the ground to an extent that all the events of works of the project can be executed smoothly in a working environment with a particular attention on safety and security in all respects, and to stockpile the end outcome to a place for disposal agreed by the Engineer-in-charge, where, payments are to be based on ground area determined by the Engineer-in-charge and be proportionate to the percentage progress of work under contract as a whole in all respects and approved by the Engineer-in-charge.	Sqm	50.000	169.000	8450.000
16	Approved Rate	Painting to Delivery main & washout line: Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhilik synthetic enamel/Elite quick drying/Asian decora synthetic enamel or equivalent brand) in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/roller/spray in 2 coats over single coat anti-corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge.	Sqm	0.536	189.000	101.259
Total Amount Tk.						49,172.510
Total Amount (in word) : Fourty Nine Thousand One Hundred seventy one point Five One Zero Taka Only						


 Sub-Assistant Engineer
 MODS Zone-7, DWASA
 DHAKA


 Assistant Engineer
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 Dhaka.


 Executive Engineer
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