

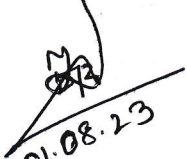
**OFFICE OF THE EXECUTIVE ENGINEER
MODS ZONE-9, DHAKA WASA**

Estimate:

Name of The Work: Leakage detection and repair-maintenance of 110 mm dia & 160 mm dia water line at Road No-6, Prianka Housing and Road-23 sector-14, under MODS Zone-9, Dhaka WASA.

Sl No	Rate Schedule	Description of the item	Quantity	Unit	Rate	Amount
1	Pre-Approved Rate	Supply & lay unpracticed polyvinyl chloride HDPE 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.				
		37 mm dia HDPE Pipe	10	Meter	185.001	1850.010
		50 mm dia HDPE Pipe	5	Meter	450.001	2250.005
		110 mm dia HDPE Pipe	1.5	Meter	2,024.001	3036.002
		160 mm dia HDPE Pipe	1	Meter	2,400.960	2400.960
		110 mm dia HDPE Sleeve	2	Each	1,923.001	3846.002
		160 mm dia HDPE Sleeve	2	Each	2,375.000	4750.000
2	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. $(0.9*3*1.5)+(0.8*3*1.5)=4.05+3.6=7.65$	7.65	Cum	1,088.001	8323.208
3	2.9 (PWD)	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.	7.65	Cum	1,054.001	8063.108
4	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.	1	Per/day	2,000.001	2000.001
5	Pre-Approved Rate	Hire Charge of electrofusion machine to joint sleeve in the excavation. all complete as per direction of the E/C.	1	Per/day	1,500.001	1500.001
6	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.	2	Per/day	1,862.001	3724.002
7	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 given 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) DN- 20 to DN 25 mm dia	3	Each	1,216.001	3648.003
		b) DN- 32 to DN 50 mm dia	1	Each	2,021.001	2021.001
8	LS	Road Safety measures and tools as per direction of Engineer in Charge	1	Each	2500.001	2500.00
Total Tk=						49,912.30

In Word- Forty Nine Thousand Nine Hundred Twelve Point Three Zero Taka Only


01.08.23
মোঃ নাজমুল হোসাইন
উপ-সহকারী প্রকৌশলী
মডস জোন-৯
ঢাকা ওয়াসা


01/08/2023
মোঃ ফারুক হোসেন
সহকারী প্রকৌশলী
মডস জোন-৯
ঢাকা ওয়াসা


01.08.23
(মোঃ মোজাহিদুর রহমান)
নির্বাহী প্রকৌশলী (চঃ দাঃ)
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