

Office of the Executive Engineer
MODS Zone-2, Dhaka WASA
144/1, water Works Road
Dhaka-1211

Name Of Work:- Repairing & Maintenance work of 160mm and 110mm dia water line leakage under MODS Zone-2, Dhaka WASA.

Sl no	Basis of rate	Description of Materials	Qty	Unit	Rate (Tk)	Total Amount (Tk)
1		160 mm dia HDPE Pipe	2	m	Department supply	
2		160 mm dia HDPE Sleeve	4	nos	Department supply	
3		110 mm dia HDPE Pipe	3	m	Department supply	
4		110 mm dia HDPE Sleeve	2	nos	Department supply	
5	PWD-2022 2.1.2	Earth work in excavation up to the required depth for pipeline chamber all kinds of soil, precautions necessary to avoid damage of under ground utility services, including removing the excavated earth & stacking the same to safe distance. de-watering machine will be install for maintain the excavation site to dry condition at all time and disposal of surplus excavated materials etc. all complete as per Drawing, Specification & Direction of the E/C 2x0.65x1.8x6= 14.04 Cum	14.04	Cum	177.883	2497.477
6	Approved Rate	A)Extra-over item 1 for the 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.	14.04	Cum	578.451	8121.452
7	Approved Rate	Extra-over item 1 for the excavation and removal of soft soil (on written permission of E/C) from the trench bottom beyond allowable depth and back fill of this by supplying, depositing and compaction in 150 mm layer of fine sand (FM 0.8) at all required depth in accordance with the technical specification and direction of Engineering in charge,	14.04	Cum	331.201	4650.062
8	PWD-2022 3.5.1	Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in charge. (Cement: CEM-II / B-M) Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2. 17x0.65x0.10 = 1.105	1.11	Cum	11121.844	12289.638
9	Approved Rate	Hire charge for Generator	2.00	day	2875.001	5750.002
10	Approved Rate	Hire charge for Electrofusion machine	2.00	day	2875.001	5750.002
11	Approved Rate	Hire charge for D-Watering Pump				
	Approved Rate	Bailing out of all water 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 completed as per direction of the E/C.	2.00	Day	2141.301	4282.602
12	Approved Rate	Reconstruction & Repairing of service manhole (Sewer/storm)	2.00	Nos	1725.001	3450.002
13	Approved Rate	Safety Boundary	1.00	L/S	2500.001	2500.001
					Total Tk =	49291.238
					Say Tk =	49291.000
In word: Forty Nine Thousand Two Hundred Ninety One only.						

29/06/24
Md. Omar Faruque
Sub-Assistant Engineer
MODS Zone-2
Dhaka WASA

17/08/2025
Sardar Jaemul Hossain
Assistant Engineer
MODS Zone-2
Dhaka WASA

17/8/2025
Mohammad Nazrul Islam
Executive Engineer
MODS Zone-2
Dhaka WASA