

**Office of the Executive Engineer
MODS Zone-4, Dhaka WASA
Darus Salam Road. Mirpur, Dhaka
Estimate**

**Name of the Work: Repairing of leakage of 150mm and 200mm dia uPVC pipe at road-2,
Borobagh area under MODS Zone-4, Dhaka WASA.**

SL No	Description of the item	Unit	Quantity	Rate(Tk.)	Amount (Tk.)
1	Pvc pipe laying & fitting work				
	(b) 150 mm dia "C" class pvc pipe	P/M	6	805.000	4830.000
2	(c) 200 mm dia "C" class pvc pipe	P/M	3	1216.000	3648.000
3	PVC End Cap 150mm "C" Class	P/Nr	2	512.000	1024.000
4	a) 200 mm dia service clamp	Pair	2	550.000	1100.000
5	b) 150 mm dia service clamp	Pair	2	450.000	900.000
6	Extra-over item I for supply and lay of Ductile/cost iron dresser type flexible coupling/adapters for the pipe materials and diameter given below in accordance with the technical specification and the standard detail drawing.				
	b) 150 mm dia C.I D/C coupling	P/Nr	4	1227.000	4908.000
7	c) 200 mm dia C.I D/C coupling	P/Nr	2	1450.000	2900.000
8	Bedding and surrounding by river saturated Sand. $(9*0.6*0.76)-((3.14*.15^2)/4)*9$ $+((1.52*1.52*.60)*2)$ $=6.72m^3$	cum	6.72	1088.000	7311.360
9	Backfilling $9*0.76*0.91+(2*(1.52*1.52*0.91))$ $=10.43m^3$	cum	10.43	207.000	2159.010
10	Excavation $(9*0.76*1.52)+(2*(1.52*1.52*1.52))$ $=17.42m^3$	cum	17.42	288.000	5016.960
11	Existing House Connection Repairing				
	DN 20 to DN 25 mm dia	P/Nr	2	1216.000	2432.000
12	DN 32 to DN 50 mm dia	P/Nr	2	2021.000	4042.000
13	Hire charge of de-watering Pump	P/day	4	1862.000	7448.000
14	Road Safety measures and tools as per direction of Engineer in Charge	LS	1	1500.000	1500.000
Grand Total					49219.330

In Word: Forty Nine Thousand Two Hundred Nineteen point Three Three Zero Taka only.

Kamrun Nahar
16/07/2023
কামরুন নাহার
উপ-সহকারী প্রকৌশলী
মডস জোন-৪, ঢাকা ওয়াসা।

Md. Mazharul Islam
16/07/23
মোহাম্মদ বিল্লাল হোসেন
সহকারী প্রকৌশলী
মডস জোন-৪, ঢাকা ওয়াসা

Md. Mazharul Islam
16.07.2023
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Executive Engineer
MODS Zone-4, Dhaka. WASA