

**Office of the Executive Engineer
MODS Zone-4 Dhaka WASA
Darus Salam Road, Mirpur, Dhaka-1216
Estimate**

Name: Installation of 200mm dia gate valve and construction of Gate Valve chamber at Road-2, Borobagh under MODS Zone-4, Dhaka WASA.

SL No	Description of the item	Unit	Quantity	Rate(Tk.)	Amount (Tk.)
1	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft / saturated / organic clayey soil / soil of semi-liquid state.	cum	6.95	217	1508.150
2	One Layer Brick Flat Soling	sqm	3.34	597	1993.980
3	Brick works with first class bricks	cum	1.89	8419	15911.910
4	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing	sqm	18.59	373	6934.070
5	Mass concrete (1:2:4) in foundation or in floor	cum	0.51	8886	4531.860
6	RCC WORKS: 1:2:4 (measured on gross concrete section) ($f_c = 19$ MPa, minimum $f_{cr} = 24$ MPa in nominal mix 1:2:4), with brick-chips (Sand of F.M. 1.2 and F.M. 2.2 in equal proportion)	cum	0.48	13986	6713.280
7	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar	Kg	56.52	100	5652.000
8	Gate valve (Fl. type) BS 5160 Local 250mm	Each	1	Divisional Supply	
9	Hire charge of de-watering Pump	P/Day	2	1862	3724.000
10	Safety Barriers	LS	1	3000	3000.000
Total					49969.250

In Word: Forty Nine Thousand Nine Hundred Sixty Nine point Two Five Zero Taka only.

Kash.
09/08/2023
কামরুন্নাহর
উপ-সহকারী প্রকৌশলী
মডস জোন-৪, ঢাকা ওয়াসা।

Md. Mazharul Islam
09/08/2023
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Md. Mazharul Islam
09.08.2023
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MODS Zone-4, Dhaka, WASA