

**Office of the Executive Engineer
MODS Zone-4 Dhaka WASA
Darussalam Road Mirpur Dhaka 1216.**

Estimate

Name: Repair and maintenance works of 225 mm diaHDPE water line at Gabtoli Main Road (coatbari) area DMA-404 under MODS Zone-4, Dhaka WASA.

Rate Schedule	SL No	Description of the item	Unit	Quantity	Rate(Tk.)	Amount (Tk.)
	1	HDPE Pipe 225mm dia	P/M	3	Divisional Supply	
	2	HDPE sleeve 225mm dia	P/Nr	2	Divisional Supply	
2.1.3(PWD 2022-Revised)	3	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead 3.00m X 2.00m X 2m =12.00m ³	cum	12	198	2376.00
2.14(PWD 2022-Revised)	4	Cleaning and disposing of excavated earth from the construction site by truck or by any other means to a place within 30 km radius of the city or town area including loading & unloading at both ends, leveling and dressing the carried earth etc. complete and accepted by the Engineer-in-charge. (12cum-6cum)=6cum	cum	6	756	4536.00
2.10.2(PWD 2022-Revised)	5	Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.8 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. 50% of Earth cutting (12 cum-6 cum-1.8 cum-0.12 cum) =4.08 cum	cum	4.08	1167	4761.36
2.15(PWD 2022-Revised)	6	Earth filling in foundation trenches and plinth in 150 mm layers with carted earth carried by truck or by any other means including loading and unloading at both ends, leveling, watering and compacting to achieve minimum dry density of 95% with optimum moisture content (modified proctor test) including local carriage each layer up to finished level including cost of water and test (carried from beyond 300 m) etc. all complete and accepted by the Engineer-in charge.(12cum-6cum)=6cum	cum	6	709	4254.00

Member OCEE

22.09.2026

সোনিয়া আক্তা

সহকারী প্রকৌশলী
পি এন্ড ডি (পয়াঃ) বিভা
ঢাকা ওয়াসা

22/09/2026

মোঃ এমদাদুল হক
নির্বাহী প্রকৌশলী
মডস জোন-৪, ঢাকা ওয়াসা।

22/09/26

মোঃ আরিফুল হাসান
উপ-সহকারী প্রকৌশলী
মডস জোন-৪, ঢাকা ওয়াসা।

22/09/26

কামরুন নাহার
সহকারী প্রকৌশলী
মডস জোন-৪, ঢাকা ওয়াসা।

2.11(PWD 2022- Revised)	7	50 mm downgraded picked jhama khoa consolidation in foundation trenches by mixing the same with best quality local sand (F.M. 1.2) in (2:1) (Khoa:Sand) proportion to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including breaking and screening chips, laying and spreading in 150 mm layers uniformly and compacting etc. all complete and accepted by the Engineer-in-charge.(3.00m X2.00m X.30m)=1.8 cum	cum	1.8	6055	10899.00
2.19.1(PW D2022- Revised)	8	Bailing out water by 1 cusec diesel operated pump including hire charge of pump,fuel,operator, spares and maintenance etc. all complete and accepted by the Engineer-in-charge.	P/hour	10	693	6930.00
2.5 (PWD2022- Revised)	9	Palisading work by supplying of bitumen drum sheet walling tied with 20 BWG G.I. wire fixing the same with already driven borrak bamboo posts with half split borrak bamboo runners @ 450mm c/c horizontally with iron nails, G.I wire etc. all complete and accepted by the Engineer-in-charge. (Rate is excluding the cost of bamboo post).	sqm	20	613	12260.00
	10	Safety Barriers	LS	LS	3000	3000.00
					Total=	49016.360
					Say	49016

In Word: Forty Nine Thousand Sixteen Taka Only.

A. H.
22/09/25
মোঃ আরিফুল হাসান
উপ-সহকারী প্রকৌশলী
মডুস জোন-৪, ঢাকা ওয়াসা।

V. H.
22/09/26
কামরুন নাহার
সহকারী প্রকৌশলী
মডুস জোন-৪, ঢাকা ওয়াসা।

Member OCEC
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22.09.2026
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S. H.
22/09/2026
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