

Office of the Executive Engineer
MODS Zone-3, Dhaka WASA
Lalmatia steel tank compound, Dhaka.

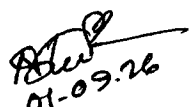
Estimate

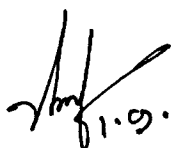
Sub: Leakage Repairing work of 12" PVC pipe in front of Newmarket Thana at Katabon road under MODS Zone-3, Dhaka WASA.

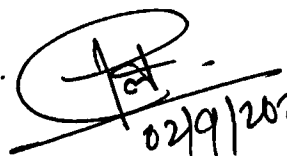
Sl.No	Basis of Rate	Description	Unit	Qty	Rate	Amount
1	M/R	Extra-over item 1 for the supply (including supply of fittings described in schedule of requirement Annex-----) and installation following adopters for jointing components of pipelines, diameter given below, as per specifications and direction of Engineering in charge and the standard detail drawings.				
		300mm dia MS dresser coupling	Each	2	3850.00	7700.00
2	DWASA W-1/3(d)	uPVC Pipe(C' class BS 3505) 300mm dia	M	3	3183.20	9549.60
3	PWD-23 02.10.1.	Extra-over item 1 for the supply and placing of saturated river sand / earth backfield for all required trench depths in accordance with the technical specification and standard detail drawings, for all sewer pipe diameters.				
		Back filling by saturated river sand (at any depth)	Cum	6	1088.00	6528.00
4	M/R	Daily labour	Person	12	800.00	9600.00
5	M/R	Skilled Labour	Person	2	1000.00	2000.00
6	M/R	(De-Watering) 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. (Day & Night)	Day	2	2000.00	4000.00

Sl.No	Basis of Rate	Description	Unit	Qty	Rate	Amount
7	PWD-23 24.14	38 mm thick compacted pre-mixed dense bituminous carpeting with 20 mm downgraded stone-chips (having LAA value $\leq$ 30%, water absorption not greater than .2%, flakiness index not greater than 35) of gradation as specified @ 0.56 cum of stone chips mixed with 45 kg heated bitumen of 60/ 70 penetration grade heated straight run bitumen satisfying the requirements of ASTM/ AASHTO. Bitumen content % by wt. of total is 4.5% to 5.50% or as determined by job mix design. The bitumen and stone-chips shall be separately heated to a temperature of 140°C–155°C and 150°C–170°C respectively before mixing. The mixture should be rolled with appropriate steel drum roller (3-5 tons) & pneumatic multiple tire roller (8-10 tons) to full compaction. The rolling temperature shall be maintained not below 90°C including supplying of all materials, their carriage, labourers, tools and equipment etc. all complete as per direction of the Engineer-in-charge. (In order to achieve the specified grading a blending of nominal maximum size of 20 mm, 12 mm crushed stone chips and stone dust is suggested and proportion will have to be determined by the laboratory analysis).	Sqm	9.3	1029.00	9569.70
					Total	48947.30

In word: Tk Forty Eight Thousand Nine Hundred Forty Seven Point Three zero only.


01-09-26
অশোক কুমার হালদার
উপ-সহকারী প্রকৌশলী
মডুস জোন-৩, ঢাকা ওয়াসা।


11.9.26
মিলন মজুমদার
সহকারী প্রকৌশলী
মডুস জোন-৩, ঢাকা ওয়াসা।


02/9/2026
সালেহ মোহাম্মদ তাওসিফ
নির্বাহী প্রকৌশলী (চঃ দাঃ)
মডুস জোন-৩, ঢাকা ওয়াসা।