

Office of the Executive Engineer
MODS Zone-7, Dhaka WASA

Section: 6 (Bill of Quantities with technical specification)

Name of work: Estimate for Finding out contamination point and removing of contamination water at Donia, Rasulpur, South Kutubkhali, Sobujbag, Pagla etc. area under MODS Zone-7, Dhaka WASA

Item No.	Group	Basis of Rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Amount= (6x7)
1	2	3	4	5	6	7	8
Part-A (Departmental Materials)							
1	Water	Approved rate	315 mm dia uPVC Pipe (PN -10)	rm	3	3200.00	9,600.000
2	Water	Approved rate	225 mm dia uPVC Pipe (PN -10)	rm	12	1600.00	19,200.000
3	Water	Approved rate	160 mm dia uPVC Pipe (PN -10)	rm	12	810.00	9,720.000
Total Amount Tk.						38,520.000	
Total Amount (in word): Thirty Eight Thousand Five Hundred Twenty Taka Only.							

Part-B (Repairing of water line leakage/Removing of contamination water)							
1	Water	Approved rate	Repairing of water line leakage 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,	cum	258.45	331.001	85,547.208
2	Water	Approved rate	Back filling by excavated granular soil including depositing and compaction at all required depth in accordance with the technical specification by excavated soil for kutchha road surface.	cum	213.45	154.001	32,871.513

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Item No.	Group	Basis of Rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Amount (6x7)
1	2	3	4	5	6	7	8
3	Water	Approved rate	Repairing of water line leakage 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.	cum	45.00	578.001	26,010.045
4	Water	Approved rate	Extra over item 1 for completing temporary reinstatement of rigid and flexible paved road by compacted sand (FM 1.2) of 75 mm thick and one layer brick soling by full burned 1st class bricks of appropriate size (excavated bricks of proper sizes and quality is allowed to use) of the existing surfaced road in accordance with the technical specification and direction of Engineering in charge, and standard detail drawing for all water pipeline of any diameters for the type of road Surface given below.				
5	Water	Approved rate	Asphalt/concrete road surface	sqm	24.00	74.001	1,776.024
6	Water	Approved rate	Dismantle of R.C.C. Road and Removal of debris to a safe distance	cum	4.80	2790.001	13,392.005
7	Water	Approved rate	Shore protection work during excavation in foundation trenches to protect loss due to damage of property by Palisading beyond 1.5 m depth accepted by the Engineer [the rate is including cost of vertical post]	sqm	81.00	814.001	65,934.081
8	Water	Approved rate	300mm dia CI Dresser-Coupling in/c Nut-bolts	each	8.00	3019.001	24,152.008
9	Water	Approved rate	200mm dia CI Dresser-Coupling in/c Nut-bolts	each	24.00	1668.001	40,032.024
10	Water	Approved rate	150mm dia CI Dresser-Coupling in/c Nut-bolts	each	18.00	1411.001	25,398.018
11	Water	Approved rate	225X225X225mm Tee	each	4.00	5345.001	21,380.004
12	Water	Approved rate	225X160X225mm Tee	each	3.00	3900.001	11,700.003
	Water	Approved rate	160X110X160mm Tee	each	2.00	2460.001	4,920.002

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Item No.	Group	Basis of Rate	Description of Items of Works	Unit	Qty	Unit rates or prices	Amount (6x7)
1	2	3		5	6	7	8
13	Water	Approved rate	90° PVC bend 225mm dia	each	4.00	4888.001	19,552.004
14	Water	Approved rate	1 inch Bond Plug/End Cap	each	120.00	25.001	3,000.120
15	Water	Approved rate	3/4 inch Bond Plug/End Cap	each	80.00	20.001	1,600.080
16	Water	Approved rate	8 inch Clamp	each	28.00	500.001	14,000.028
17	Water	Approved rate	6 inch Clamp	each	20.00	350.001	7,000.020
Total Amount (in word): Three Lakh Ninety Eight Thousand Two Hundred Sixty Five Point One Eight Eight Taka Only.							398,265.188

Summary:

	Part-B	398,265.188
Cost of Departmental Materials Which is Supplied from Departmental Store (Part-A).		
Say Total Estimated Cost (Part-B)		38,520.000
Total Tk (Part A + Part B) =		398,265.188
Deducted of Departmental Materials Cost (Part-A)		
Net Total Tk.		398,265.188

Total Amount (in word): Three Lakh Ninety Eight Thousand Two Hundred Sixty Five Point One Eight Eight Taka Only.

PAUL SARKER
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MODS Zone-7
Dhaka WASA

মোঃ আফজাল হোসেন
সহকারী প্রকৌশলী
মডস জোন-৭
ঢাকা ওয়াসা

মোঃ শাহ আলম
নির্বাহী প্রকৌশলী
মডস জোন-৭
ঢাকা ওয়াসা