

Dhaka Water Supply and Sewerage Authority

Office of the Executive Engineer
MODS Zone-7, Dhaka WASA
107/1/A/1/A, North Jatrabari
Near Ideal School and College, Dhaka.
Phone : 7547929

Name of work: Removing of contamination water at Nama Shyampur, Jurain wasa road, comissionar road, Saban factory road, Khandakar Road under MODS Zone-7 area, Dhaka WASA.

Time of Completion : 45 days.

Item no	Item Code	Group	Description of the items	Unit	Qty	Rate (Tk)	Total Amount (Tk.)
1	2	3	4	5	6	7	8
Part-A (Departmental Materials)							
1	Approved Rate	Civil	225 mm dia uPVC Pipe (PN -10)	m	10.000	1,600.000	16,000.000
2	Approved Rate	Civil	160 mm dia uPVC Pipe (PN -10)	m	16.000	810.000	12,960.000
3	Approved Rate	Civil	100 mm dia uPVC Pipe (PN -10)	m	20.000	380.000	7,600.000
Total Amount Tk.							36,560.000
Total Amount(In word): Thirty six thousand five hundred sixty taka only.							
PART-B (Repairing of water line leakage/Removing of contamination water)							
1	Approved Rate	Civil	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	249.830	331.001	82,693.980
2	Approved Rate	Civil	Back filling by excavated granular soil including depositing and compaction at all required depth in accordance with the technical specification by excavated soil for kutchra road surface	Cum	129.840	154.001	19,995.490
3	Approved Rate	Civil	B) Removal of excavated earth/debris etc.	Cum	119.990	288.001	34,557.240
4	Approved Rate	Civil	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	110.970	578.001	64,140.771
5	Approved Rate	Civil	Extra-over item 1 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	10.620	288.001	3,058.571
6	Approved Rate	Civil	50 mm down graded picked jhama khoa consolidation in foundation trenches by mixing in mixer machine in foundation with best quality local sand(F.M. 1.2) and cement in (1:6:12) (cement : sand : khoa) proportion to achieve minimum dry density of 90% with optimum moisture content (Modified proctor test) including breaking and screening chips etc. all complete and accepted by the Engineer.	Cum	5.310	2,580.001	13,699.805
7	Approved Rate	Civil	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. Asphalt/concrete road surface	Sqm.	86.550	74.001	6,404.787
8	Approved Rate	Civil	Dismantle of R.C.C. Road and Removal of debris to a safe distance	Cum	25.970	2,790.001	72,456.326
9	Approved Rate	Civil	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.	18.000	814.001	14,652.018
10	Approved Rate	Civil	200mm dia CI Dresser-Coupling in/c Nut-bolts	Each	10.000	1,668.001	16,680.010

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Item	Item Code	Group	Description of the items	Unit	Qty	Rate (Tk)	Total Amount (Tk.)
1	2	3	4	5	6	7	8
11	Approved Rate	Civil	150mm dia CI Dresser-Coupling in/c Nut-bolts	Each	12.000	1,411.001	16,932.012
12	Approved Rate	Civil	100mm dia CI Dresser-Coupling in/c Nut-bolts	Each	18.000	951.001	17,118.018
13	Approved Rate	Civil	Supply and Installation of MS casing pipe to water distribution pipe lines lying on the alignment of the sewer main at all depths, for the diameter of water pipeline given below. The rate to include excavation of the water pipeline; necessary cleaning; cutting of the water pipeline and re-jointing to the approval of the Engineer; supply and fit of the required casing pipe, and backfill of all excess excavation in accordance with the Technical Specification. in accordance with Technical Specification and direction of Engineering in charge. DN 150 mm for 100 /110 mm dia	M	3.000	2,220.001	6,660.003
14	Approved Rate	Civil	DN 200 mm for 150 /160 mm dia	M	1.500	3,068.001	4,602.002
15	Approved Rate	Civil	DN 300 mm for 200/225 mm dia	M	2.000	4,068.001	8,136.002
16	Approved Rate	Civil	1 inch Bond Plug/End Cap	Each	10.000	25.001	250.010
17	Approved Rate	Civil	3/4 inch Bond Plug/End Cap	Each	6.000	20.001	120.006
18	Approved Rate	Civil	8 inch Clamp	Each	18.000	500.001	9,000.018
19	Approved Rate	Civil	6 inch Clamp	Each	15.000	350.001	5,250.015
						Total Amount Tk	396,407.083

Total Amount (in word): Three Lakh ninety six thousand four hundred seven point zero eight three taka only.

Summary:

Part-B	396,407.083
Cost of Departmental Materials Which is Supplied from Departmental Store (Part-A).	36,560.000
Say Total Estimated Cost (Part-B)	396,407.083
Total Tk=	432,967.083
Deducted of Departmental Materials Cost (Part-A)	36,560.000
Grand Total Tk.	396,407.083

Grand Total Amount (in word): Three Lakh ninety six thousand four hundred seven point zero eight three taka only.

May DK
16.07.23
Sub-Assistant Engineer
MODS Zone-7
Dhaka WASA.

16.07.23
Assistant Engineer
MODS Zone-7
Dhaka WASA.

24/09/26
Executive Engineer
MODS Zone-7
Dhaka WASA.