

Payment Invoice:

Name of Work/Supply: Removing of contamination water at Konapara, Momenbagh, Shahjalal Road, Dogair, New Para Dogair, AL-Amin Road, Adorshobagh etc. areas under MODS Zone-7, Dhaka WASA.

Name of Contractor/Supplier: M/S. A. Alam Enterprise

Contract Reference/Purchase order reference: 46.05.0000.412.90.029.23/C-07, **Date:** 30/07/2023

Date of Completion: 13/08/2023

Sl. No.	Description of works	Unit	Qty	Rate (TK)	Amount (TK)
Part-A (Departmental Materials)					
1	325 mm dia uPVC Pipe (PN -10)	m	3.00	3200.00	9,600.00
2	225 mm dia uPVC Pipe (PN -10)	m	6.00	1600.00	9,600.00
3	160 mm dia uPVC Pipe (PN -10)	m	6.00	810.00	4,860.00
Total Tk.					24,060.00
Total Amount (in word) : Twenty Four Thousand Sixty taka only.					
PART-B (Repairing of water line leakage/Removing of Contamination water)					
1	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	137.824	331.001	45,619.882
2	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	108.160	154.001	16,656.748
3	B) Removal of excavated earth/debris etc	Cum	29.664	288.001	8,543.262
4	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	29.664	578.001	17,145.822
5	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 Eng	Cum	8.112	2580.001	20,928.968
6	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.	Cum	54.080	74.001	4,001.974

Accepted

Signature

Signature

Sl. No.	Description of works	Unit	Qty	Rate (TK)	Amount (TK)
7	Dismantle of R.C.C. Road and Removal of debris to a safe distance	Cum	13.520	2790.001	37,720.814
8	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	27.000	814.001	21,978.027
9	Extra-over item 1 for supply (fittings described in schedule of requirement Annex -) and lay of uPVC/ DI/ MS fittings as per specifications and direction of Engineering in charge. PVC bend 90 (PN-10) ISO 4422-225mm dia	each	3.000	4887.500	14,662.500
10	Extra-over item 1 for supply (fittings described in schedule of requirement Annex -) and lay of uPVC/ DI/ MS fittings as per specifications and direction of Engineering in charge. PVC bend 90(PN-10) ISO 4422-150 mm dia	each	2.000	1299.500	2,599.000
11	Extra-over item 1 for supply (fittings described in schedule of requirement Annex -) and lay of uPVC/ DI/ MS fittings as per specifications and direction of Engineering in charge. . uPVC TEE (PN-10) ISO 4422 -225X225X225mm Tee	each	2.000	5690.200	11,380.400
12	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. MS dresser coupling 225mm dia	each	4.000	2185.000	8,740.000
13	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. CI dresser coupling 150 mm dia Dresser Coupling in/c nut-bolts	each	16.000	1411.050	22,576.800
14	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. CI dresser coupling 225 mm dia Dresser Coupling in/c nut-bolts	each	18.000	1667.500	30,015.000
15	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. CI dresser coupling 300 mm dia Dresser Coupling in/c nut-bolts	each	6.000	3018.750	18,112.500

Accepted

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Sl. No.	Description of works	Unit	Qty	Rate (TK)	Amount (TK)
16	Shifting and connection of existing Service Lines to improved systems for all depths, diameters, length up to meter chambers at consumers premises. The rate to include all necessary uPVC BS E-class pipes/ PE Pipe , excavation, PVC clamp saddles or CI clamps, quality fittings, valves, appropriate drilling system for making holes in pipes, backfilling with sand (FM 0.8), plugging, de-watering, cleaning, unplugging, fitting fixing of float valve / check valve at the end of service line(in the reservoirs), shifting or change of service meter. The contractor will responsible for work up to the meter chamber and contractor will keep record of service line shifting works. The contractor will arrange to make the meter chamber with cost of consumer if there is no chamber or poor quality chamber. The rate includes all pipes, fittings, materials (domestic meter shall be provided by DWASA), installation arrangement, for necessary diversion and provide water to consumer for disturbing period, pressure test of each connection . After completion of work, contractor will submit the list of shifting work. All works shall be done in accordance with Technical Specification, direction of Engineering in charge and approved drawings.DN 20 to DN 25mm dia	each	15.000	1398.400	20,976.000
17	Hiring charge for supply and installation of MS sheets (1800x900x18mm) over the trench / road surface for a smooth traffic movement during the execution of works in accordance with Technical Specification and direction of Engineering in charge..	Sqm	54.000	445.050	24,032.700
18	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.M.S Pipe Casing DN 300 mm for 200/225 mm dia	Sqm	1.000	5138.200	5,138.200
19	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.PVC E-Class pipe Casing DN 300 mm for 200/225 mm dia	Sqm	1.000	3905.400	3,905.400
20	8 inch Clam for water line leakage Repair	each	43.000	500.001	21,500.043

Sl. No.	Description of works	Unit	Qty	Rate (TK)	Amount (TK)
21	1 inch Bond plug	each	45.000	25.001	1,125.045
22	3/4 inch bond plug	each	50.000	20.001	1,000.050
23	6 inch Clam for water line leakage Repair	each	38.000	350.001	13,300.038
24	Reconstruction and repairing of other utilities services (Telephone/Gas/Electricity/Sewer/surface & underground drains/storms sewer pit or any other system in the pipe alignment), includes all necessary materials, cables, replacement, reinstallation, repairing of broken service manhole, sewer pit including supply of all types of cables, pipes, fittings, course & fine aggregates, bricks, cement and any other works in accordance with Technical Specification and direction of Engineering in charge, each unit includes total safety, repair, replacement of other utilities for each 100 meter pipelines alignment, all mentioned cost will be paid by Contractor..	each	7.000	1725.000	12,075.000
25	Hire charge of de-watering Pump :Bailing out of all water 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 completed as per direction of the E/C.	each	6.000	2141.300	12,847.800
				Total Tk.	396581.973

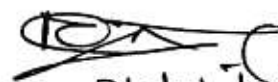
Summary:

Part-B	Sub Total Tk =	396581.973
Cost of Departmental Materials Which is Supplied from Departmental Store (Part-A)		0.000
Say Total Estimated Cost (Part-B)		396581.973
Total Tk=		396581.973
Deducted of Deplertamental Materials Cost (Part-A)		0.000
So, Total bill amount to be paid:		396581.973

In Words: Four lakh Ninety Six Thousand Five Hundred Eighty One Point Nine Seven Three Taka Only.


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 শ্রী অরুণেন্দ্র সাহু সান্নি আল
 উপ-সহকারী প্রকৌশলী
 মডস জোন-৭, ঢাকা ওয়াসা।


 মোঃ আশরাফ উদ্দিন
 সহকারী প্রকৌশলী
 মডস জোন-৭, ঢাকা ওয়াসা


 ২৬/০৮/১৬
 মোঃ শাহ আলম
 নির্বাহী প্রকৌশলী
 মডস জোন-৭
 ঢাকা ওয়াসা