

Priced Bill of Quantities (BOQ)

Tender/Proposal Document

Tender/Proposal Detail

Tender/Proposal ID :	878006	Invitation Reference No. :	46.05.0000.412.90.060.23.2023-24/eT-14
Closing Date and Time :	10-Oct-2023 12:45	Opening Date and Time :	10-Oct-2023 12:45
Procuring Entity :	Office of the EE, MODS Zone-7, Dhaka WASA		
Brief :	Repairing of water line at Kutubkhali, different road of Merajnagar Block-A and B, Raisnagar, Bank Colony etc area under MODS Zone-7, Dhaka WASA.		

[View Notice](#)

Lot Detail

Lot No. :	B 13.20
Lot Description :	Repairing of water line at Kutubkhali, different road of Merajnagar Block-A and B, Raisnagar, Bank Colony etc area under MODS Zone-7, Dhaka WASA.

Unit Rate Basis

Table Name : Estimate by the Procuring Entity

Item No.	Group	Item Code (If any)	Description of Items of Works (specifications preferably built-in)	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen
1	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	110.172	331.001	Three	36467.04	Thirty-Six	☐
2	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	81.440	154.001	One Hun	12541.84	Twelve	☐
3	Civil	-	B) Removal of excavated earth/debris etc	cum	28.732	288.001	Two Hun	8274.84	Eight Thou	☐
4	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	28.732	578.001	Five Hun	16607.12	Sixteen	☐
5	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 Eng	cum	8.144	2580.001	Two Tho	21011.52	Twenty-	☐
6	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.	cum	40.720	74.001	Seventy	3013.321	Three Thou	☐
7	Civil	-	Dismantle of R.C.C. Road and Removal of debris to a safe distance	cum	10.180	2790.001	Two Tho	28402.21	Twenty-	☐
8	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	27	814.001	Eight	21978.02	Twenty-	☐
9	Civil	-	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	1	4887.499	Four Tho	4887.499	Four Thou	☐

10	Civil	-	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	1	1299.499	One Tho	1299.499	One Thou	▼
11	Civil	-	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	1	5690.199	Five Tho	5690.199	Five Thou	▼
12	Civil	-	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	6	2185.001	Two Tho	13110.00	Thirteen	▼
13	Civil	-	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	1411.049	One Tho	22576.78	Twenty-Two	▼
14	Civil	-	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	1667.499	One Tho	30014.98	Thirty Thou	▼
15	Civil	-	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	3018.749	Three	18112.49	Eighteen	▼
16	Civil	-	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	1398.399	One Tho	20975.98	Twenty	▼
17	Civil	-	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	57.6	445.049	Four Hun	25634.82	Twenty-	▼
18	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.M.S Pipe Casing DN 300 mm for 200/225 mm dia	sqm	3	5138.199	Five Tho	15414.58	Fifteen	▼
19	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.PVC E-Class pipe Casing DN 300 mm for 200/225 mm dia	sqm	3	3905.399	Three	11716.19	Eleven	▼
20	Civil	-	8 inch clam for water line leakage repair	each	58	500.001	Five Hun	29000.05	Twenty-	▼
21	Civil	-	6 inch Clam for water line leakage Repair	each	55	350.001	Three	19250.05	Nineteen	▼
22	Civil	-	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	1725.001	One Tho	12075.00	Twelve	▼
23	Civil	-	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	9	2141.299	Two Tho	19271.65	Nineteen	▼

