

M/s. Wali & Brothers**Priced Bill of Quantities (BOQ)****Unit Rate Basis**

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	-	Earth work in excavation up to the required depth for pipeline chamber all kinds of soil, precautions necessary to avoid damage of under ground utility services, including removing the excavated earth & stacking the same to safe distance. de-watering machine will be install for maintain the excavation site to dry condition at all time and disposal of surplus excavated materials etc. all complete as per Drawing, Specification & Direction of the E/C.	Cum	39.550	155.001	One Hundred and Fifty-Five point Zero Zero One	6130.290	Six Thousand One Hundred and Thirty point Two Nine	I have seen
2	Civil	-	Supply and laying of single layer Polythene Sheet weighing one Kg per 6.5 Sqm in floor or any where below cement concrete in all respect and in accordance with Technical Specification and direction of Engineering in charge.	Sqm	2.000	273.001	Two Hundred and Seventy-Three point Zero Zero One	546.002	Five Hundred and Forty-Six point Zero Zero Two	I have seen
3	Civil	-	Placing of Mass concrete (1:3:6) for the base slab of water pipe line chamber including the supply of all materials all in accordance with Technical Specification and direction of Engineering in charge, and standard drawings.	Cum	0.150	6647.001	Six Thousand Six Hundred and Forty-Seven point Zero Zero One	997.050	Nine Hundred and Ninety-Seven point Zero Five	I have seen
4	Civil	-	Installation and laying of (uPVC) Unplasticized polyvinyl chloride/DI / PE /MS water pipelines (including supply of materials, fittings, Equipment described in schedule of requirement Annex --Section?) in accordance with the technical specification and the standard detailed drawings, of any diameter specified below. The rate includes for excavation in all kinds of soil,BFS/HBB/ Bituminous Rd CC RCC rd surface except rock to the full depth of trench required by the specifications, precautions	P/M	5.000	4471.199	Four Thousand Four Hundred and Seventy-One point One Nine Nine	22355.995	Twenty-Two Thousand Three Hundred and Fifty-Five point Nine Nine Five	I have seen

			necessary to avoid damage of underground utility services, (any damage Contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, de-watering of the trench to keep dry condition at all times, including all necessary shoring, boxing, must be protected from any collapse of trench sides, preparation of trench bottom, at depth of 1.2.M ,transport (all kinds of materials, equipment, pipes & fittings) to site, laying, jointing and cleaning of the water pipes; disposal of surplus excavated material and transport back surplus materials to Dhaka WASA stores (materials supplied by Dhaka WASA described in Anexure ----) as per specifications and direction of Engineering in charge (cost of excess excavated earth would be deducted as per depth material rate) 1.8.d-200mm dia MS Pipe (Seamless)							
5	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 fittings mentioned in the depth materials chart Annex --- will be supplied by the DWASA. 2.8.b -150 mm dia PVC bend 90 (PN-10) ISO 4422	P/Nr	4.000	2113.699	Two Thousand One Hundred and Thirteen point Six Nine Nine	8454.796	Eight Thousand Four Hundred and Fifty-Four point Seven Nine Six	I have seen
6	Civil	-	Extra-Over item I for the supply lay of Ductile/cast iron /M.S./GI fittings for PVC pipes in accordance with the technical specification.3.11.C-200 mm dia M.S bend 45° .	P/Nr	4.000	7526.749	Seven Thousand Five Hundred and Twenty-Six point Seven Four Nine	30106.996	Thirty Thousand One Hundred and Six point Nine Nine Six	I have seen
7	Civil	-	Extra-Over item I for the supply lay of Ductile/cast iron /M.S./GI fittings for PVC pipes in accordance with the technical specification3.14.h-MS. TEE 225X150X225mm Tee	P/Nr	2.000	5894.899	Five Thousand Eight Hundred and Ninety-Four point Eight Nine Nine	11789.798	Eleven Thousand Seven Hundred and Eighty-Nine point Seven Nine Eight	I have seen
8	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	P/Nr	4.000	1506.499	One Thousand Five Hundred and Six	6025.996	Six Thousand AND Twenty-Five point	I have seen

			pipelines, diameter given below, as per specifications and direction of Engineering in charge and the standard detail drawings.3.17.C-M.S End cap				point Four Nine Nine		Nine Nine Six	
9	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.3.10.C-M.S bend 221/2°.	P/Nr	2.000	6750.499	Six Thousand Seven Hundred and Fifty point Four Nine Nine	13500.998	Thirteen Thousand Five Hundred point Nine Nine Eight	I have seen
10	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.4.2.C- 200 mm dia C.I Dresser Coupling in/c nut-bolts	P/Nr	4.000	1667.499	One Thousand Six Hundred and Sixty-Seven point Four Nine Nine	6669.996	Six Thousand Six Hundred and Sixty-Nine point Nine Nine Six	I have seen
11	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.4.2.b-150 mm dia Dresser Coupling in/c nut-bolts	P/Nr	3.000	1411.049	One Thousand Four Hundred and Eleven point Zero Four Nine	4233.147	Four Thousand Two Hundred and Thirty-Three point One Four Seven	I have seen
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.4.3.d-150 mm dia C.I Flange Adapter in/c nut-bolts	P/Nr	2.000	1756.499	One Thousand Seven Hundred and Fifty-Six point Four Nine Nine	3512.998	Three Thousand Five Hundred and Twelve point Nine Nine Eight	I have seen
13	Civil	-	Extra-over item 1 for the supply, depositing and compaction of fine sand (FM 0.8) bedding, surrounding and above pipes up to required depth with proper ramming of 150mm layer as per specifications and direction of Engineering in charge and standard detail drawings for all pipelines. 6/a-Bedding and surrounding by River Saturated Sand (F.M 0.8)	Cum	6.782	578.449	Five Hundred and Seventy-Eight point Four Four Nine	3923.041	Three Thousand Nine Hundred and Twenty-Three point Zero Four One	I have seen

14	Civil	-	A)Extra-over item 1 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	9.350	578.499	Five Hundred and Seventy-Eight point Four Nine Nine	5408.966	Five Thousand Four Hundred and Eight point Nine Six Six	I have seen
15	Civil	-	B)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	22.865	154.099	One Hundred and Fifty-Four point Zero Nine Nine	3523.474	Three Thousand Five Hundred and Twenty-Three point Four Seven Four	I have seen
16	Civil	-	Removal of excavated earth/debris etc.	Cum	16.685	331.221	Three Hundred and Thirty-One point Two Two One	5526.422	Five Thousand Five Hundred and Twenty-Six point Four Two Two	I have seen
17	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.	P/days	12.000	2141.301	Two Thousand One Hundred and Forty-One point Three Zero One	25695.612	Twenty-Five Thousand Six Hundred and Ninety-Five point Six One Two	I have seen
18	Civil	-	Interconnection of water pipelines to any existing water supply networks, the rate includes for excavation, cutting, necessary plugging, de-watering, cleaning and unplugging, protection and repair of any existing structures. All works shall be done in accordance with Technical Specification and direction of Engineering in charge and Standard detail Drawings for the diameter of the existing water pipelines given below. 14/3- 200 /225 mm dia PVC	P/Nr	3.000	2584.049	Two Thousand Five Hundred and Eighty-Four point Zero Four Nine	7752.147	Seven Thousand Seven Hundred and Fifty-Two point One Four Seven	I have seen
19	Civil	-	Misc item for Delivery line & Washout line. 24.d-350-200x20 th. M.S Flange	P/Nr	10.000	574.999	Five Hundred and Seventy-Four point Nine Nine Nine	5749.990	Five Thousand Seven Hundred and Forty-Nine point Nine Nine	I have seen

20	Civil	-	Misc item for Delivery line & Washout line. 24.e-350-150x20 th. M.S Flange	P/Nr	10.000	517.499	Five Hundred and Seventeen point Four Nine Nine	5174.990	Five Thousand One Hundred and Seventy-Four point Nine Nine	I have seen
21	Civil	-	Stem maintenance	P/Nr	2.000	4000.001	Four Thousand point Zero Zero One	8000.002	Eight Thousand point Zero Zero Two	I have seen
22	Civil	-	Wedge Replacing	P/Nr	4.000	1000.001	One Thousand point Zero Zero One	4000.004	Four Thousand point Zero Zero Four	I have seen
23	Civil	-	Body Gasket	P/Nr	5.000	350.001	Three Hundred and Fifty point Zero Zero One	1750.005	One Thousand Seven Hundred and Fifty point Zero Zero Five	I have seen
24	Civil	-	Nut and Bolts	P/Nr	100.000	35.001	Thirty-Five point Zero Zero One	3500.100	Three Thousand Five Hundred point One	I have seen
25	Civil	-	Labour charge for fitting & fixing(stem ,wedge etc) and cleaning of s/valve inside etc.	Each	8.000	615.001	Six Hundred and Fifteen point Zero Zero One	4920.008	Four Thousand Nine Hundred and Twenty point Zero Zero Eight	I have seen
							Grand Total:	199248.823	One Lakh Ninety-Nine Thousand Two Hundred and Forty-Eight point Eight Two Three	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Kabir on behalf of M/s. Wali & Brothers