

M/S. SHAHJAHAN ENTERPRISE**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	Water related works	1.3 (b)	Supply & lay unpracticed polyvinyl chloride DI/GI/MS Water pipe line in accordance with the technical specification and the standard details drawing of any diameter and to the depth specified below, The rate to include for excavation in all kind of soil except rock to the full depth of trench required by the specification (including allowances for the bedding materials) de-watering of the trench to keep the trench in a dry condition at all times the preparation of trench bottom, provision & laying of sand bedding & surrounding materials including boxing if required up to a depth of 1.2 M transport to site, Laying jointing and cleaning of the water pipe lines, back filling of the trench with selected excavated earth to the temporary road reinstatement, removal and disposal of surplus excavated materials and transporting back the surplus materials to Dhaka (cost of excess excavated earth shall be deducted from the contractors bill as per rate mentioned in the departmental materials schedule). 150 mm dia ?C? class pvc pipe	P/M	32.000	805.001	Eight Hundred and Five point Zero Zero One	25760.032	Twenty-Five Thousand Seven Hundred and Sixty point Zero Three Two	I have seen
2	Water related works	1.3 (c)	200 mm dia ?C? class pvc pipe	P/M	16.000	1216.001	One Thousand Two Hundred and Sixteen point Zero Zero One	19456.016	Nineteen Thousand Four Hundred and Fifty-Six point Zero One Six	I have seen
3	Water related works	1.3 (e)	300 mm dia ?C? class pvc pipe	P/M	12.000	2678.001	Two Thousand Six Hundred	32136.012	Thirty-Two Thousand One Hundred	I have seen

							and Seventy-Eight point Zero Zero One		and Thirty-Six point Zero One Two	
4	Water related works	2.12	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 900 ?C? class 150mm Dia	P/Nr	6.000	1130.001	One Thousand One Hundred and Thirty point Zero Zero One	6780.006	Six Thousand Seven Hundred and Eighty point Zero Zero Six	I have seen
5	Water related works	2.12	PVC bend 900 ?C? class 200mm Dia	P/Nr	8.000	2004.001	Two Thousand AND Four point Zero Zero One	16032.008	Sixteen Thousand AND Thirty-Two point Zero Zero Eight	I have seen
6	Water related works	2.15 (c)	150×150×150mm dia pvc Tee	P/Nr	6.000	1028.001	One Thousand AND Twenty-Eight point Zero Zero One	6168.006	Six Thousand One Hundred and Sixty-Eight point Zero Zero Six	I have seen
7	Water related works	2.15 (e)	200×150×200mm dia pvc Tee	P/Nr	8.000	1489.001	One Thousand Four Hundred and Eighty-Nine point Zero Zero One	11912.008	Eleven Thousand Nine Hundred and Twelve point Zero Zero Eight	I have seen
8	Water related works	2.15 (b)	PVC End Cap 150mm "C" Class	P/Nr	20.000	512.001	Five Hundred and Twelve point Zero Zero One	10240.020	Ten Thousand Two Hundred and Forty point Zero Two	I have seen
9	Water related works	2.15 (c)	PVC End Cap 200mm "C" Class	P/Nr	13.000	847.001	Eight Hundred and Forty-Seven point Zero Zero One	11011.013	Eleven Thousand AND Eleven point Zero One Three	I have seen
10	Water related works	N/A	Extra-over item I for supply and lay of cost iron/M.S/G.I fitting for PVC D/ I fitting in accordance with the technical specification 200 mm dia service clamp	Pair	20.000	550.001	Five Hundred and Fifty point Zero Zero One	11000.020	Eleven Thousand point Zero Two	I have seen
11	Water related works	N/A	150 mm dia service clamp	Pair	14.000	450.001	Four Hundred and Fifty point Zero Zero One	6300.014	Six Thousand Three Hundred point Zero One Four	I have seen
12	Water related	4/2 (b)	Extra-over item I for supply and lay of Ductile/cost iron	P/Nr	18.000	1227.001	One Thousand	22086.018	Twenty-Two	I have

	works		dresser type flexible coupling/adapters for the pipe materials and diameter given below in accordance with the technical specification and the standard detail drawing. 150 mm dia C.I D/C coupling				Two Hundred and Twenty-Seven point Zero One		Thousand AND Eighty-Six point Zero One Eight	seen
13	Water related works	4/2 (c)	200 mm dia C.I D/C coupling	P/Nr	16.000	1450.001	One Thousand Four Hundred and Fifty point Zero Zero One	23200.016	Twenty-Three Thousand Two Hundred point Zero One Six	I have seen
14	Water related works	4/2 (d)	300 mm dia C.I D/C coupling	P/Nr	8.000	2625.001	Two Thousand Six Hundred and Twenty-Five point Zero Zero One	21000.008	Twenty-One Thousand point Zero Zero Eight	I have seen
15	Water related works	2.5 (PWD)	Palisading work by supplying of bitumen drum sheet walling tied with 20 BWG G.I. wire fixing the same with already driven borraak bamboo posts with half split borraak bamboo runners @ 450mm c/c horizontally with iron nails, G.I wire etc. all complete and accepted by the Engineer-in-charge. (Rate is excluding the cost of bamboo post).	sqm	72.960	613.001	Six Hundred and Thirteen point Zero Zero One	44724.553	Forty-Four Thousand Seven Hundred and Twenty-Four point Five Five Three	I have seen
16	Water related works	2.10.1 (PWD)	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.	cum	46.270	1088.001	One Thousand AND Eighty-Eight point Zero Zero One	50341.806	Fifty Thousand Three Hundred and Forty-One point Eight Zero Six	I have seen
17	Water related works	7	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	73.030	207.001	Two Hundred and Seven point Zero Zero One	15117.283	Fifteen Thousand One Hundred and Seventeen point Two Eight Three	I have seen
18	Water related works	9	Extra over item I for the excavation & removal of loose soil from site and the back of the excess excavation with approved with the technical specification.	cum	121.980	288.001	Two Hundred and Eighty-Eight point Zero Zero One	35130.362	Thirty-Five Thousand One Hundred and Thirty point Three Six Two	I have seen

19	Water related works	16/1	connection of existing house service line to new water main at all depth in accordance with the technical specification for the diameter of service line giver below the rate to include for plugging dewatering cleaning and unplugging of the existing service line the rate also to including for necessary diversion and pumping to keep the service line in continues operation. DN 20 to DN 25 mm dia	P/Nr	14.000	1216.001	One Thousand Two Hundred and Sixteen point Zero Zero One	17024.014	Seventeen Thousand AND Twenty-Four point Zero One Four	I have seen
20	Water related works	16/2	DN 32 to DN 50 mm dia	P/Nr	10.000	2021.001	Two Thousand AND Twenty-One point Zero Zero One	20210.010	Twenty Thousand Two Hundred and Ten point Zero One	I have seen
21	Water related works	3.4.1 (PWD)	" Placing of Mass concrete 1:3:6 for the anchor blocks at all bends, tees end caps and reducers, including the supply of all materials in accordance with technical specification and direction of Engineering in charge and standard drawings. The rate to include for necessary additional excavation; supply of all materials and for the wrapping of all PVC fittings encased in concrete with two layers of heavy duty polythene sheeting. "	cum	2.000	8886.001	Eight Thousand Eight Hundred and Eighty-Six point Zero Zero One	17772.002	Seventeen Thousand Seven Hundred and Seventy-Two point Zero Zero Two	I have seen
22	Water related works	20	"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/day	19.000	1862.001	One Thousand Eight Hundred and Sixty-Two point Zero Zero One	35378.019	Thirty-Five Thousand Three Hundred and Seventy-Eight point Zero One Nine	I have seen
23	Water related works	24.10 (PWD)	Providing compacted sub-base course with well graded material of crushed well burnt picked jhama / 1st class brick bats and sand (FM 0.8) with mixing proportion 2 : 1 having compacted thickness made as per specification including local handling, spreading uniformly to proper grade camber and super elevation, packing, rolling properly with 8 to 10 ton capacity power driven road roller and watering properly for compaction of 100% MDD (standard) blinding with sand	cum	5.700	5449.001	Five Thousand Four Hundred and Forty-Nine point Zero Zero One	31059.306	Thirty-One Thousand AND Fifty-Nine point Three Zero Six	I have seen

			including cost of fuel, lubricants, spares, maintenance, driver etc. all complete and accepted by the Engineer-in-charge.							
24	Water related works	LS	Road Safety measures and tools as per direction of Engineer in Charge	LS	1.000	5000.001	Five Thousand point Zero Zero One	5000.001	Five Thousand point Zero Zero One	I have seen
							Grand Total:	494838.553	Four Lakh Ninety-Four Thousand Eight Hundred and Thirty-Eight point Five Five Three	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. MD. HOWLADER on behalf of M/S. SHAHJAHAN ENTERPRISE