

M/S. Ehan Traders**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 Works	1.3b	Supply and laying of uPVC 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 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 150mm dia uPVC Pipe	P/m	59.430	805.001	Eight Hundred and Five point Zero Zero One	47841.209	Forty-Seven Thousand Eight Hundred and Forty-One point Two Zero Nine	I have seen
2	Civil Works	7.3.2	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum f _{cr} = 30 MPa, satisfying a specified compressive strength f _c = 25 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type ? I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer	cum	7.850	12367.001	Twelve Thousand Three Hundred and Sixty-Seven point Zero Zero One	97080.958	Ninety-Seven Thousand AND Eighty point Nine Five Eight	I have seen

			machine with hopper, fed by standard measuring boxes or in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Pedestals, column, column capital, lift wall and RCC wall up to ground floor							
3	Civil Works	2.10.1	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	40.660	635.001	Six Hundred and Thirty-Five point Zero Zero One	25819.141	Twenty-Five Thousand Eight Hundred and Nineteen point One Four One	I have seen
4	Civil Works	3.4.1	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.	cum	770.280	82.001	Eighty-Two point Zero Zero One	63163.730	Sixty-Three Thousand One Hundred and Sixty-Three point Seven Three	I have seen
5	Civil Works	MR	Skilled technician for PVC pipe cutting, fitting and operating cutting disk.	Nos	48.000	750.001	Seven Hundred and Fifty point Zero Zero One	36000.048	Thirty-Six Thousand point Zero Four Eight	I have seen

6	Civil Works	MR	Labor for earth excavation to rise S/V in Road level and back filling of sand and S/V, washout operation.	Nos	235.000	650.001	Six Hundred and Fifty point Zero Zero One	152750.235	One Lakh Fifty-Two Thousand Seven Hundred and Fifty point Two Three Five	I have seen
7	Civil 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	27.000	1862.001	One Thousand Eight Hundred and Sixty-Two point Zero Zero One	50274.027	Fifty Thousand Two Hundred and Seventy-Four point Zero Two Seven	I have seen
8	Civil Works	Pre Approved Rate	Hire charge of marble cutting disk for pipe cutting	P/Day	27.000	600.001	Six Hundred point Zero Zero One	16200.027	Sixteen Thousand Two Hundred point Zero Two Seven	I have seen
9	Civil Works	LS	Purchasing of bamboo, rope, hacksaw set, GI wire etc and 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:	494129.376	Four Lakh Ninety-Four Thousand One Hundred and Twenty-Nine point Three Seven Six	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md. Rahman on behalf of M/S. Ehan Traders