

Kin Trade International

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	114.290	168.001	One Hundred And Sixty-Eight Point Zero Zero One	19200.834	Nineteen Thousand Two Hundred Point Eight Three Four	I have seen
2	Civil	-	A) Extra-over item 1 for the Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.5 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	85.860	1088.001	One Thousand And Eighty-Eight Point Zero Zero One	93415.765	Ninety-Three Thousand Four Hundred And Fifteen Point Seven Six Five	I have seen
3	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 kutch road surface	Cum	48.600	288.001	Two Hundred And Eighty-Eight Point Zero Zero One	13996.848	Thirteen Thousand Nine Hundred And Ninety-Six Point Eight Four Eight	I have seen
4	Civil	-	B) Removal of excavated earth/debris etc.	Cum	89.100	154.001	One Hundred And Fifty-Four Point Zero Zero One	13721.489	Thirteen Thousand Seven Hundred And Twenty-One Point Four Eight Nine	I have seen
5	Civil	-	50 mm down graded picked jhama khoa consolidation in foundation trenches by mixing in	Cum	24.540	2580.001	Two Thousand Five	63313.224	Sixty-Three Thousand	I have seen

			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 Engineer.				Hundred And Eighty Point Zero Zero One		Three Hundred And Thirteen Point Two Two Four	
6	Civil	-	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.	P/Sqm	97.200	74.001	Seventy-Four Point Zero Zero One	7192.897	Seven Thousand One Hundred And Ninety-Two Point Eight Nine Seven	I have seen
7	Civil	-	Dismantle of R.C.C. Road and Removal of debris to a safe distance	Cum	29.160	2790.001	Two Thousand Seven Hundred And Ninety Point Zero Zero One	81356.429	Eighty-One Thousand Three Hundred And Fifty-Six Point Four Two Nine	I have seen
8	Civil	-	One layer of brick flat soling in foundation or in floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer.	P/Sqm	25.920	636.001	Six Hundred And Thirty-Six Point Zero Zero One	16485.145	Sixteen Thousand Four Hundred And Eighty-Five Point One Four Five	I have seen
9	Civil	-	Brick works with first class bricks in cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer.	Cum	1.030	10097.001	Ten Thousand And Ninety-Seven Point Zero Zero One	10399.911	Ten Thousand Three Hundred And Ninety-Nine Point Nine One One	I have seen
10	Civil	-	Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days	Cum	6.300	10504.001	Ten Thousand Five Hundred And Four Point Zero Zero One	66175.206	Sixty-Six Thousand One Hundred And Seventy-Five Point	I have seen

including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge.(Cement: CEM-II / B-M)

Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having maximum water cement ratio = 0.40 and minimum fcr = 33.5 MPa, satisfying a specified compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code ACI / BNBC, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, 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 (Aggregate grading as per table shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper, fed by standard measuring boxes, 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, other charges etc. all complete, approved and accepted by the Engineer-in-charge.(Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering)

11	Civil	-	Cum	2.270	14605.001	Fourteen Thousand Six Hundred And Five Point Zero Zero One	33153.352	Thirty-Three Thousand One Hundred And Fifty-Three Point Three Five Two	I have seen
12	Civil	-	P/Sqm	58.050	475.001	Four Hundred And Seventy-Five Point Zero Zero One	27573.808	Twenty-Seven Thousand Five Hundred And Seventy-Three Point Eight Zero Eight	I have seen
13	Civil	-	P/m	60.000	810.001	Eight Hundred And Ten Point Zero Zero One	48600.060	Forty-Eight Thousand Six Hundred Point Zero Six	I have seen

precautions necessary to avoid damage of underground utility service (any damage contractor shall repair by his own cost) including removing the excavated earth & stacking the same to safe distance without any traffic obstacles, dewatering 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 WASSA stores (materials supplied by Dhaka WASSA described in Annexure-) as per specifications and direction of Engineering in charge (cost of excess excavated earth would be deducted as per depts. material rate).

Grand Total: 494584.968

Four Lakh
Ninety-
Four
Thousand
Five
Hundred
And
Eighty-
Four Point
Nine Six
Eight

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. MD. AHMED on behalf of Kin Trade International