

BLUE WAVE

Priced Bill of Quantities (BOQ)

Unit Rate Basis

Estimate by the Procuring Entity

Item no.	Group	Item Code (if any)	Description of Item	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	Select 'YES' to see the Grand Total
1	-	-	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.	p/m ³	66.270	168.001	One Hundred And Sixty-Eight Point Zero Zero One	11133.426	Eleven Thousand One Hundred And Thirty-Three Point Four Two Six	Yes
2	-	-	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.	p/m ³	48.870	1088.001	One Thousand And Eighty-Eight Point Zero Zero One	53170.608	Fifty-Three Thousand One Hundred And Seventy Point Six Zero Eight	Yes
3	-	-	Back filling by excavated granular soil including depositing and compaction at all required depth in accordance with the technical specification by excavated soil for kutcha road surface	p/m ³	27.540	288.001	Two Hundred And Eighty-Eight Point Zero Zero One	7931.547	Seven Thousand Nine Hundred And Thirty-One Point Five Four Seven	Yes
4	-	-	B) Removal of excavated earth/debris etc.	p/m ³	50.710	154.001	One Hundred And Fifty-Four Point Zero Zero One	7809.390	Seven Thousand Eight Hundred And Nine Point Three Nine	Yes
5	-	-	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 Engineer.	p/m ³	14.160	2580.001	Two Thousand Five Hundred And Eighty Point Zero Zero One	36532.814	Thirty-Six Thousand Five Hundred And Thirty-Two Point Eight One Four	Yes
6	-	-	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	55.080	74.001	Seventy-Four Point Zero Zero One	4075.975	Four Thousand And Seventy-Five Point Nine Seven Five	Yes
6	-	-	Dismantle of R.C.C. Road and Removal of debris to a safe distance	p/m ³	16.520	2790.001	Two Thousand Seven	46090.816	Forty-Six Thousand And Ninety	Yes

							Hundred And Ninety Point Zero Zero One		Point Eight One Six	
7	-	-	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	16.200	636.001	Six Hundred And Thirty- Six Point Zero Zero One	10303.216	Ten Thousand Three Hundred And Three Point Two One Six	Yes
8	-	-	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.	p/m ³	0.640	10097.001	Ten Thousand And Ninety- Seven Point Zero Zero One	6462.080	Six Thousand Four Hundred And Sixty- Two Point Zero Eight	Yes
10	-	-	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 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)	p/m ³	5.360	10504.001	Ten Thousand Five Hundred And Four Point Zero Zero One	56301.445	Fifty-Six Thousand Three Hundred And One Point Four Four Five	Yes
11	-	-	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 f'cr = 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)	p/m ³	1.510	14605.001	Fourteen Thousand Six Hundred And Five Point Zero Zero One	22053.551	Twenty- Two Thousand And Fifty- Three Point Five Five One	Yes
12	-	-	Form work/shuttering prot and necessary support etc (wooden).	p/sqm	22.320	475.001	Four Hundred And Seventy- Five Point Zero Zero One	10602.022	Ten Thousand Six Hundred And Two Point Zero Two Two	Yes
13	-	-	Installation and laying of (upvc) Unplasticized polyvinyl chloride water pipe lines (including supply) 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 except rock to the full depth of trench required by the specifications, 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, de-watering of the trench to	p/m	30.600	810.001	Eight Hundred And Ten Point Zero Zero One	24786.030	Twenty- Four Thousand Seven Hundred And Eighty- Six Point Zero Three	Yes

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 deptt. material rate).

**Grand
Total:** 297252.920

Two Lakh
Ninety-
Seven
Thousand
Two
Hundred
And Fifty-
Two Point
Nine Two

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. AHADUZAMAN JARIEN on behalf of BLUE WAVE