

BOQ

NAME OF THE WORK: EXTENSION OF BOUNDARY WALL, RENOVATION & IMPROVEMENT OF CATTLE POUND AT GARBAGE GROUND IN WARD NO.-14, NORTH LAKHIMPUR, ASSAM.

Sl No.	Particulars	Unit	Quantity	Dept Rate(Rs)	Quoted Rate(Rs)	Amount(Rs)
1	Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.	Cum	3.005	116.44		
2	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. a) Brick on flat soiling	Sqm	31.045	233.08		
3	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately). (a) In prop 1 cement: 3 sand :6 coarse aggregate by volume	Cum	2.484	4593.36		
2	Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately) (A) In substructure up to plinth level b) M20 grade concrete or Prop. 1:1.5:3	Cum	5.370	6488.11		
3	1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embeded in cement mortar and will be measured and paid separately) (A) 112mm thick brick wall	Sqm	76.040	698.72		
4	15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed. b) In cement mortar 1:4	Sqm	147.380	157.54		
5	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete (upto 1st floor level). i) TATA /SAIL	Qtl.	4.930	6448.70		

6	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in-situ reinforced concrete and plain concrete work in:	Sqm	53.360	269.90		
7	Supplying, fitting and fixing double leaf heavy duty iron gate, frame made from 50mm x 6mm M.S. flat iron with another horizontal flat at the middle, 20mm dia M.S bars at 200mm apart from bottom flat to top flat and 20 mm dia M.S. bars at 200mm apart from bottom flat to middle flat including drilling, welding etc. complete. All vertical bars are to be protruded at least 100mm above the middle and top flat is to be flattened and pointed as directed. Necessary locking arrangement on both faces, arrangement for temporary closing the gate and 2 nos.(minium) strong iron hinges of M.S bars and flat of same sizes on each leaf to be embedded in C.C brick pillars as necessary including a red oxide painting to all iron works as directed and specified. (Separate payment will be made for posts).	Qtl.	2.580	7957.13		
8	Collection & supply of sand gravels 40% Gravel 60% sand including loading unloading carrying to site including payment of forest Royalties & sale tax etc complete	Cum	26.355	1528.51		
	Spreading of sand gravel as directed		26.355	96.30		
9	Raising low site around the building with approved soil obtained from outside by truck carriage including breaking clods, dressing etc. complete including paying necessary forest royelty, sales tax, land compensation, municipal gate fees, if any monopoly duty etc. (profile measurement to be taken and 12.5% deduction for shrinkage to be made from total quantity) etc. complete as directed and specified.	Cum	79.065	224.70		
10	Providing fitting, hoisting and fixing of roof trusses including purlins fabricated using MS circular hollow section conforming to relevant I.S. code, as per approved design and drawings including providing M.S. cleats, base plates, bolts and nuts and one coat of red oxide Zinc Chromate primer and two coats of approved enamel paints complete including fitting necessary cleats etc. for fixing ceiling joists as per design and drawing as directed.	Qtl.	2.460	9457.73		
11	Providing corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc.to be measured and paid separately).	Sqm	94.600	481.98		
12	Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.	Cum	6.050	6271.12		
13	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary.	Cum	9.143	369.80		

14	65 mm thick cement concrete floor consisting of 50 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 25mm and down) and 15 mm thick wearing layer in cement concrete in prop. 1:1:2 (1cement :1 coarse sand : 2 coarse aggregate of size 10mm down) laid in panels and finished with a floating coat of neat cement finish (using cement slurry for bond @ 2.75 kg. per square metre of floor area) including curing etc. complete as directed.	Sqm	20.320	546.88		
15	Supplying fitting and fixing Hand pump for 40 mmdia tube well with all accessories complete as directed	Each	1.000	1966.75		
16	Labour for boring hole for inserting tube well pies through different soil/rock media including hire charges of drill pipes,scaffolding ,toos and plants as necessary and taking out the same and lowering pipes,fittings complete as directed by the department	Each	8.000	441.06		
17	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches including trenching and refilling the same etc complete as directed 40 mm diameter	Rm	8.000	403.50		
18	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches including trenching and refilling the same etc complete as directed 75 mm diameter	Rm	8.000	928.35		
19	Labour for boring hole for inserting tube well pipes through different soil/ rock media including hire charges of drill pipes, scaffolding, tools and plants as necessary and taking out the same and lowering pipes, fittings complete as directed by the Department.	Rm	8.000	462.74		
20	Supplying, fitting and fixing suction pipes plain/bevel ended, conforming to relevant IS codes of practice including supplying and fitting of accessories, lowering of assembly pipes concentrically in the casing pipes complete as directed.40 mm diameter	Rm	8.000	474.01		
21	Supplying fitting, fixing, testing and commissioning of following capacity motor(Crompton Greaves/Auatic/Aquatic/CRIV Guardmake complete with necessary connection as approved specific and directed by the department 0.5 HP singl phase 1420 rpm	Each	1.000	7591.65		
22	a) Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.	Sqm	228.330	43.51		
23	b) Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on new wall surface (two coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials.	Sqm	228.330	50.02		
Total=						
In Words-						

Executive Officer,
North Lakhimpur Municipal Board