

BOQ

Name of Work: Construction of boundary wall in south side of 132/33 kV Nalbari GSS.

Name & Address of Bidder:-

Sl. No.	Description of works	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.875	cum		
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	4.313	cum		
3	Demolishing R.B. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in- charge	48.60	cum		
4	Earth work in rough excavation, banking excavated earth in layers not exceeding 20cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m : All kinds of soil	49.140	cum		
5	Dry brick on edge flooring in required pattern with bricks of class designation 7.5 on a bed of 12 mm mud mortar, including filling joints with Jamuna sand, with common burnt clay non modular bricks.	36.400	sqm		
6	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	2.730	cum		
7	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :Cement mortar 1:6 (1 cement : 6 coarse sand)	68.040	cum		
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	1113.234	kg		
9	Form work : Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	87.750	sqm		
	Form work : Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	28.000	sqm		

Sl. No.	Description of works	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)
10	Reinforced cement concrete work in walls (any thickness),including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level upto floor five level, excluding the cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recyled Concrete Aggregate(RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size derived from Recyled Concrete Aggregate(RCA) upto 20%	10.141	cum		
11	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) : With F.P.S.(non modular) bricks	5.698	cum		
12	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	163.769	sqm		
13	Wall painting with Acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on New work	163.769	sqm		
14	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 50 mm nominal dia Pipes	25.20	metre		
15	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	79.800	kg		
16	RBT reinforced barbed wire	168.00	metre		
Total=					
Adding 18% GST=					
Grand Total=					
Say =					