

**BOQ**

**Name of Work:-**

**Name and Address of the Bidder:**

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.  <u>2.6.1 All kinds of soil</u>	127.20	cum		
2	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 local sand, with common burnt clay non modular bricks.  (a) Brick on flat soling.	90.00	sqm		
3	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources and using recycled concrete aggregate (RCA) as coarse aggregate and fine aggregate within the permissible utilization, Portland Pozzolana / Ordinary Portland/Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete.  4.20A.1.3 Concrete of M20 grade with minimum cement content of 270 kg /cum.	6.75	cum		
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.  5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	1788.07	kg		
5	Providing and laying plain/reinforced cement concrete works using cement, coarse sand & 20mm down graded stone aggregate with cost of necessary form work including dewatering if necessary, and curing for reinforced cement concrete work complete as directed (Reinforcement will be measured and paid separately)  <b><u>(I) Using mixture machine</u></b> In sub - structure up to plinth level  Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level. M20 grade	54.40	cum		

6	Labour for Loading of tower materials from store site Sixmile (Dwarandah) including digging out the tower materials from ground ,which are laying below the ground level for a long period of time , complete as directed by Deptt.				
	Semi Skilled Labour	21	Job		
	Unskilled Labour	70	Job		
7	Transportation of different size of angles members from deparmental stores situated at Sixmile (Dwarandah) to Manipur (Morigaon District ) near location Tower no 119 ( Road side tower) including labour charge for unloading angle members for five numbers of towers	1	Job		
8	Dismantling of existing damaged ( rusted) angle members for strenghtening of stub, Horizontal and daigonal member up to 3.00 m height for five numbers of towers.	5	Each		
9	Labour Charge for Cutting, making required hole , welding where necessary and fitting including Genaretor Hire charge as direction of Department for five numbers of tower.	5	Each		
10	Supplying fitting & fixing of GI nut and bolt, washer, spacer, spring, etc as per requirement as direction of department for five numbers of tower	200.00	kg		
11	Labour Charge for transportation of materials like Angle members, cement, sand, aggregate etc from location tower no 119 to 120. approximate length 300.00 m from location tower no 119 to 121. approximate length 600.00 m from location tower no 119 to 118. approximate length 300.00 m from location tower no 119 to 120. approximate length 600.00 m	4	Job		
12	Construction of temporary earthen ring well for construction purpose and filling the same after completion of the works as directed by department.				
	L/S for Five Locations	5	Each		
13	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete  13.52.1 On steel work	125.00	sqm		

**Total Amount =**

**Adding GST@18%=**

**Grand Total=**

**Say =**