BOQ

Name of Work:- Emergency repairing of damaged Brahmaputra River crossing anchor tower legs of 132kV Kahilipara-Kamakhya-Sishugram-AIIMS DC TL.

Name & Address of Bidder:-

Sl. No.	Item Description	Units	Qty.	Rate (Rs.)	Amount (Rs.)
1.1	Replacement of Damaged tower members	Per MT	2		
1.2	Painting of towers with bituminous paints of approved quality upto 3m of approved quality from ground level. *Since the anchor tower size is 4 times of a normal tower the quantity is increased to 4* .	Per Tower	4		
1.3	Fosroc Rust remover	Ltr	40		
1.4	Civil works **(As per Annexure A)**	Job	1		
				Total=	
				GST @ 18% =	
				Grand Total =	
				Say=	

ANNEXURE-A

Sl. No.	Description of Item	Qnty	Unit	Rate (Rs)	Amount (Rs)
(A)	**CIVIL WORKS**				
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-incharge. 2.6.1 All kinds of soil	6.00	cum		
2	Centering and shuttering including strutting, propping etc. and removal of form for 5.9.1 Foundations, footings, bases of columns, etc. for mass concrete	22.40	sqm		
3	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	149.29	Kg		
4	Reinforced cement concrete Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	1.96	cum		
5	Labour for lifting construction materials(22 cum of shuttering i.e about 484 kg, 149 kg of reinforcement, for 2 Cum of concrete approximately 4800 kg) totalling roughly around 5433kg of load up to the hill side area(about 1 Km) of tower by head load. Considering 25-30 kg per worker and considering 100 kg to be lifted by 1 worker in 1 day comes to around 5433/100=54.33 labours i.e about 55 unskilled labours approximately No of bandhani required for 1 day 1 x 55 = 55	55	Days		
				Total =	