

BIHAR STATE POWER TRANSMISSION COMPANY LIMITED					
Name of Work			Work of Re-construction of damaged eastern side boundary wall at 132/33KV GSS , Digha .		
Estimated Cost			₹ 9,72,613		
NIT No.			10/PR/BSPTCL/2020		
Bill of Quantity					
S. No.	Description	Quantity	Unit	Rate	Amount (in Rs.)
1	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50M lead. In cement Mortar	36.81	m <sup>3</sup>	685.10	25218.53
2	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured):From brick work in cement mortar	11.04	m	2246.70	24803.57
3	Boring, Providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap) :300 mm dia piles	82.32	m	2264.10	186380.71
4	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	1.60	cum	238.6	381.76
5	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/l,	21.02	Sqm	277.60	5835.15
6	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upt floor five level excluding cost of centring, shuttering, finishin and reinforcement.1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	16.77	m <sup>3</sup>	5723.10	95976.39
7	Brick work with bricks of class designation 100B in foundations and plinth in : Cement mortar 1.:4 (1 cement: 4 coarse sand )	8.40	m <sup>3</sup>	5037.20	42312.48
	Brick work with bricks of class designation 100B in foundations and plinth in : Cement mortar 1.:4 (1 cement: 4 coarse sand )	19.220	m <sup>2</sup>	5739.40	110311.27
8	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				0.00
	Thermo-Mechanically Treated bars TMTC-500-12mm dia.	1199.87	kg	75.20	90230.22
	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	221.16	kg	76.70	16962.97
	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	1049.41	kg	77.40	81224.33
9	Centring and shuttering including strutting, propping etc. and removal of form for.				
	A. Lintels, beams, plinth bams, griders, bressumers and cantilevers.	177.04	m <sup>2</sup>	335.30	59362.35
	B. Columns,Pillars, Piers, Abutments, Posts and Struts	52.70	m <sup>2</sup>	425.80	22439.66
10	12 mm cement plaster of mix:1:6(1 cement: 6 coarse sand)	326.20	m <sup>2</sup>	126.20	41166.44
11	Steel work welded in built up sections/framed work including cutting hoisting, rixing in position andapplying a priming coat of approved steel primer using structural steel, etc. as required:In gratings, frames, guard bar, ladders, railings, brackts. gates & similar works.	203.74	kg	88.80	18092.11
12	Drilling 6mm Dia. In M.S. angle iron for fixing of staples etc. as per building specification and direction of E/l.	234.00	Each	7.50	1755.00

13	Galvanised steel barbed wire	89.17	Kg	51.88	4626.14
14	Labour for fitting and fixing barbed wire fencing in six rows horizontal up to a height of 1.85m and two diagonals including fixing of post in cement concrete at 2.5m centres including cost of staples (but excluding the cost of cement concrete, angle, iron post, its cutting and making holes, nuts & bolts) all complete as per building specification and direction of E/I.	59.54	M	61.80	3679.57
15	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade: New work (three or more coats)	326.21	m <sup>2</sup>	68.30	22280.14
16	Painting with ready mixed paint of approved brand and manufacture in all	8.05	m <sup>2</sup>	74.50	599.73
17	Providing labour for cleaning the site	15.00	Each	295.02	4425.30
18	<b>Carriage cost of materials</b>				
(a)	Bricks (1km katch+7km pucca)	8.30	per 1000	830.11	6891.57
(b)	Stone chips (171 km Koderma)	14.42	m <sup>3</sup>	2764.46	39863.51
(c)	Sone sand (74 km koilwar)	20.93	m <sup>3</sup>	1305.86	27331.65
(d)	Local sand (1km katch+2km pucca)	1.91	m <sup>3</sup>	259.46	495.57
19	Extra cost of cement	207.00	bags	15.87	3285.09
20	Extra Cost of Bricks	8.30	per 1000	1271.80	10558.48
21 (2602 A)	Deduction of price for old bricks	5.46	per 1000	-5825.20	-31782.29
					<b>₹ 9,14,707.42</b>
<b>Including GST Factor (1.2127/1.1405</b>					<b>₹ 9,72,613</b>
<b>Additional performance guarantee shall be applicable for rate quoted below BOQ rate as per tender terms and conditions</b>					
<b>Name of the Contractor</b>					
<b>Address of the Contractor</b>					
<b>I/we offer in Figures..... in words..... % (Percentage) High / Less/Estimated rate as mentioned in the Bill of quantity.</b>			<b>IN FIG.</b>		
			<b>IN WORDS</b>		