

Name of the Work - Repair/maintenance of 3.3kv HT OH line of Bhera feeder and Bhuchungdih village feeder and installation of GOAB switch, lighting arrestor n chemical earth pit at near the transformer under RWP.

(ITC AVAILABLE)

SI .No	Description	Quantity	Units	Rate
1	Erection of Steel Tubular Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement :3 coarse sand: 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.	4	nos.	
2	Supply & erection of 100mm x 80mm pin Insulator complete with G.I spindle and nuts etc as required.	25	nos.	
3	Supplying and erection of 11 KV disc insulator for 11 KV over head lines with galvanised insulator fittings, ball and socket type and complete with galvanised strain clamps, bolts, nuts, washers etc. as required.	20	nos.	
4	Supplying and erection of stay set complete (galvanised) with 19/20 mm dia X 1.8 metres long stay rod, anchor plate of size 45 cm X 45 cm X 7.5 mm, thimble, stay clamps, turn buckie (20 mm X 60 cm), 7/4.00 mm dia G.I. stay wire and strain insulator etc in cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required	6	nos.	
5	Erection of angle iron/ channel iron cross arm on wood/RCC/PCC/steel tubular/ rail pole etc. as required.	25	nos.	
6	Supply & erection of Back Clamp consisting of MS Flat Iron 50mm x 6mm size 0.435 mtrs Length, 6 weight 1.019kg/-each.	30	nos.	
7	Supply & Fabrication of Bracket for O/H line as required.	15	nos.	
8	Supply of MS Nuts & Bolts of Different size 5/8" x 8 2.5", 3" size.	20	kg	

9	Supply of 800 A GOAB Switch with all accessories.	3	nos.	
10	Installation of 800A GOAB Switch.	3	nos.	
11	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	9	nos.	
12	Providing & fixing 25mm X 5mm G.I. Strip on surface or in recess for connections etc as required	80	Mtr	
13	Cost of material 5 spike copper lighting arrestor complete set. Dimension of ball 50mm round, Rod dia.:1", Length:2'. Base plate size (LXBXT): 150mmx150mmx6mm.	3	nos.	
14	Installation of 5 spike copper Lighting arrestor	3	nos.	
15	Erection/Retensioning of all aluminium conductor of 7/1.96 mm to 7/3.10 diameter and abows Including binding etc. as required	420	kg	
16	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	3.86	cum	
17	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand)	4.35	cum	
18	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	4.83	cum	

19	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work up to plinth level: 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	0.78	cum	
20	mm cement plaster finished with a floating coat 20 of neat cement of mix: 1:4 (1 cement: 4 fine sand)	12.55	sqm	
21	Total impact of GST	1.00	nos.	
22	Total	1.00	nos.	