

Tender Inviting Authority: Project Engineer(E&M), Gidli-C Colliery,Agada Area, CCL						
Name of the Work / Contract No:				NIT No: PE(E&M)/Gidli-C/NIT/2024-25/20 Dated:16.02.2025		
Category of Services (To Be Selected by Department)				Category of Bidder (To Be Selected by Bidder)		
ITC Available	Works Contract			Bidder's Status (Mandatory)	Total GST(in Rs.)	GST to be Paid By Bidder (in Rs.)
Name of the Bidder/ Bidding Firm / Company :	Select			0.00	0.00	0.00
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be updated after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Part (I) NGR: Design, manufacturing, supply and commissioning of 3.3 KV KV, 10 Amps, Restricted Neutral Grounding system (RNG) resistance 250 ohms consisting of Neutral grounding resistor, stainless steel non-magnetic punched grid type AISI 304 grade, Max temperature rise 375 deg C, Indoor epoxy Resin cast neutral current transformer, 11KV 50/5A, VOT and Solid state NGR monitoring fail safe relay, Fuse enclosure, HRC fuses, connectors, glands, control wires and bushing studs, Buzzer (electronic), floor mounted, powder coated control panel and resistance box with all accessories, Outdoor type, Safety Features, 1. Resistance temperature sensor: trips the breaker if resistance temperature exceeds a set value 2. Temperature logs: hourly resistance temperature log for the last 24 hours. 3. Current Logs: Hourly Neutral current log for the last 24 hours.	2	Set		0.00	INR Zero Only
2	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.	2	No		0.00	INR Zero Only
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.7 Core X 2.5 SQ.MM	100	Mtr		0.00	INR Zero Only
4	Supply & Fixing of Cable 1 Core X 35 SQ.MM 1.1 KV grade Copper	40	Mtr		0.00	INR Zero Only
5	Part (II) 3.3 KV Overhead Lines: Erection of pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required above 10.00 metre and upto 12.00 metre	15	No		0.00	INR Zero Only
6	Supplying and erection of 11 KV pin insulator complete with largest steel head G.I. pin, nuts, washers etc. as required.	36	No		0.00	INR Zero Only
7	Supplying and erection of 11 KV disc insulator for 11 KV overhead lines with galvanised insulator fittings, ball and socket type and complete with galvanised strain clamps, bolts, nuts, washers etc. as required.	18	No		0.00	INR Zero Only
8	Supply of G.I. wire 8 SWG (Galvanized Iron Fencing Wire 1.50 - 17.54 = 97.46) Less 18% GST) Cradling 15 places X 50 Mtr X 6 WIRE X 131 Kg P/Kmtr X 1.05 =618.98	618.98	Kg		0.00	INR Zero Only
9	Erection of G.I. Wire No. 8 SWG including binding etc. as required	618.98	Kg		0.00	INR Zero Only
10	Supply and erection of Stay wire (7/3.15 mm dia) for earth continuity (1000 Mtr X 0.469 Kg/ Mtrs X 1.05 =492.45 Kg) Less GST 132.00-20.14=111.86	492.45	Kg		0.00	INR Zero Only
11	Erection of stay wire including binding etc. as required	492.45	Kg		0.00	INR Zero Only
12	Erection of ACSR conductor of 7/3.35 mm to 7/4.00 diameter and above including binding etc. as required. 0.65 Km X 3 WIRE X 394 Kg/Pkm X 1.05=806.71	806.71	Kg		0.00	INR Zero Only
13	Supplying of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per metre) pole top bracket, cross arm for single 11 KV over head line conductor complete with 50 mm X 6mm flat iron clamp, bolts, nuts and washers including drilling holes for insulator pins, bolts and nuts etc and painting with primer and finish paint as required.	9	No		0.00	INR Zero Only
14	Supplying of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per metre) cross arm for two 11 KV over head line conductors complete with 50 mm X 50 mm X 6 mm (angle iron bracket welded to the channel iron and complete with 50 mm X 6mm M.S. flat iron clamps, bolts and nuts including drilling holes for insulator pins, bolts, nuts and washers etc (as per drawing) and painting with primer and finish paint as required. (for erection of OH line = 9 Nos - for cradling, bracket 30 Nos=39 Nos	39	No		0.00	INR Zero Only
15	Supplying and erection of bow stay set complete (galvanised)with 120/20 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 buckle(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 and also with 0.6 m long brace of size 50 mm X 50 mm X 6 mm angle iron with 50 mm dia pulley fixed at one end of the brace as required.	15	Set		0.00	INR Zero Only
16	Supplying and erection of a set of cross bracing FRLS same work for 11 KV over head line double pole structure having four members fabricated out of 50 mm X 50 mm X 6 mm angle iron to form a rectangle of minimum size 1400 mm width X 2300 mm height, complete with 50 mm X 6mm M.S. flat iron clamps, bolts and nuts including drilling holes for insulator pins, bolts and nuts etc (as per drawing) and painting with primer and finish paint as required.	6	No		0.00	INR Zero Only
17	Supplying of two lengths of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per metre) double pole cross arm for three wire 11KV over head line conductors complete with through bolts and nuts for clamping to the poles, 50 mm X 6 mm M.S. flats welded on one side to the channel iron and with bolts and nuts on the other side for tying the cross arms together, including drilling holes for insulator pins/ fittings, bolts, nuts and washers etc (as per drawing) and painting with primer and finish paint as required.	3	No		0.00	INR Zero Only
18	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.	2	No		0.00	INR Zero Only
19	Supply & Fixing of Aluminium Unarmoured cable single core 1100 voltage grade 35 sq mm	40	Mtr		0.00	INR Zero Only
20	Supply & Fixing of Aluminium tub terminal 35 sq mm	4	No		0.00	INR Zero Only
21	Painting of poles above 10.00 metre and upto 12.00 metre	60	No		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words					INR Zero Only	