

**WDFC FIELD UNIT-MUMBAI-SOUTH-ELECTRICAL/WDFC  
TENDER DOCUMENT**

**Tender No:** MUMSEL405OHEBalance

**Closing Date/Time:** 25/11/2024 16:00

**GGM/Electrical/DFCCIL/Mumbai South** acting for and on behalf of The President of India invites E-Tenders against Tender No **MUMSEL405OHEBalance** Closing Date/Time 25/11/2024 16:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Name of Work</b>	Execution of balance Works for 2x25 kV High Rise OHE in JNPT-Vaitarna Section of DFCCIL in CGM/Mumbai South Unit (102 Km)		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Two Packet System
<b>Tender Closing Date Time</b>	25/11/2024 16:00	<b>Date Time Of Uploading Tender</b>	17/10/2024 17:17
<b>Pre-Bid Conference Required</b>	Yes	<b>Pre-Bid Conference Date Time</b>	28/10/2024 12:00
<b>Advertised Value</b>	1420785426.36	<b>Tendering Section</b>	WORKS
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	7253900.00	<b>Validity of Offer ( Days)</b>	120
<b>Tender Doc. Cost (Rs.)</b>	29500.00	<b>Period of Completion</b>	12 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	11/11/2024	<b>Are Joint Venture (JV) firms allowed to bid</b>	Yes
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A-OHE Items</b>							1420785426.36	Above/ Below/Par
1	1	240.00	Per Track KM	14906.30	3577512.00	AT Par	3577512.00	
<b>Description:-</b> 1Submission and approval of Design and Drawings and supply of as erected drawings.								
2	2	10000.00	cum	9552.23	95522300.00	AT Par	95522300.00	
<b>Description:-</b> 2.1Casting of OHE Foundations in all types of soils other than hard rocks using mechanical augers								
3	3	1000.00	cum	10442.26	10442260.00	AT Par	10442260.00	
<b>Description:-</b> 2.2Casting of OHE Foundations in hard rocks.								
4	4	1500.00	cum	14242.20	21363300.00	AT Par	21363300.00	
<b>Description:-</b> 2.3Casting of OHE Foundations using tripod for excavation in marshy land where mechanical auger working is not feasible								
5	Please see Item Breakup for details.				235619396.00	AT Par	235619396.00	
<b>Description:-</b> 3.1Supply and Erection of Fabricated and galvanized B Series Mast, bridge mast (i.e., B-200(S), B-225(S), B-250(S) & B-300(S)) with 1000 GSM hot dipped galvanisation								
6	Please see Item Breakup for details.				143743994.00	AT Par	143743994.00	
<b>Description:-</b> 3.2Supply and Erection of Fabricated and galvanized Portals (N, O, TTB & R Type) with 1000 GSM hot dipped galvanisation								
7	7	450.00	MT	163274.06	73473327.00	AT Par	73473327.00	
<b>Description:-</b> 4Supply and Erection of Fabricated and galvanized SPS, including Drop Arm & OHE SPS) other than Mast with 1000 GSM hot dipped galvanisation								
8	8	7500.00	Numbers	5216.11	39120825.00	AT Par	39120825.00	
<b>Description:-</b> 5.1Supply of 09 ton Insulators ( CD-1600)								
9	9	5308.00	Set	10432.21	55374170.68	AT Par	55374170.68	
<b>Description:-</b> 5.2Supply of Bracket Insulators ( CD-1600) and Stay Insulators ( CD-1600)								
10	10	800.00	Set	8976.43	7181144.00	AT Par	7181144.00	
<b>Description:-</b> 5.3Supply of Post Insulators ( CD-1600)								
11	Please see Item Breakup for details.				51692655.82	AT Par	51692655.82	
<b>Description:-</b> 6.1Supply and Erection of Single Bracket assembly ( Modular type)								
12	Please see Item Breakup for details.				42707802.40	AT Par	42707802.40	
<b>Description:-</b> 6.2Supply and Erection of Single Bracket assembly (IR Modified type)								
13	Please see Item Breakup for details.				13487868.96	AT Par	13487868.96	
<b>Description:-</b> 6.3Supply and Erection of Single Bracket assembly (IR-Convensional)								
14	Please see Item Breakup for details.				21855600.00	AT Par	21855600.00	
<b>Description:-</b> 7Supply and Erection of Guy Rod Assembly								
15	Please see Item Breakup for details.				73039435.65	AT Par	73039435.65	
<b>Description:-</b> 8Supply and Erection of 288 Sq. mm AAAC Feeder wire (19*4 mm) with all fittings as required								
16	Please see Item Breakup for details.				13820511.80	AT Par	13820511.80	
<b>Description:-</b> 9Supply and Erection of 93.3 sq.mm AEC wire with all fittings as required								
17	Please see Item Breakup for details.				12849907.95	AT Par	12849907.95	
<b>Description:-</b> 10Supply and Erection of BEC wire with all fittings as required								

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18	Please see Item Breakup for details.			6484995.00	AT Par	6484995.00	
	<b>Description:-</b> 11.0Bonding and Earthing of various structures 11.1 Connection of mast/OHE structure, LC-Gate fencing, retaining or protection wall, Minor Bridge, Bridge Mast, Steel girder etc., with BEC. Price shall cover supply and erection cost of T connector, Terminal pad, lug, and suitable fasteners required for fixing of jumper wire. But Price shall not cover the cost jumper (BEC) wire which will be paid in item 8.						
19	Please see Item Breakup for details.			3373055.00	AT Par	3373055.00	
	<b>Description:-</b> 11.2Supply and erection of 50*6mm Structure bond between Mast/upright and nearest rail as per approved drawings using rail clamp and suitable fasteners.						
20	Please see Item Breakup for details.			7643808.00	AT Par	7643808.00	
	<b>Description:-</b> 11.3Same as item 11.2 but Structure bond with Rail clamp on both side						
21	21	70.00	Set	33051.87	2313630.90	AT Par	2313630.90
	<b>Description:-</b> 11.4Supply and erection of protective screen on ROB/FOBs						
22	22	4000.00	Metre	106.55	426200.00	AT Par	426200.00
	<b>Description:-</b> 11.5GI 75*8 Flat						
23	23	4000.00	Metre	78.51	314040.00	AT Par	314040.00
	<b>Description:-</b> 11.6GI 50*6 Flat						
24	Please see Item Breakup for details.			1405335.60	AT Par	1405335.60	
	<b>Description:-</b> 12Supply & Erection of Single earth electrode with earth Pit complete.						
25	25	212.00	Per Track KM	323255.51	68530168.12	AT Par	68530168.12
	<b>Description:-</b> 13.1Supply & Erection of OHE with complete fitting, droppers, termination clamps, continuity G-Jumpers, anti-theft jumpers for out of run OHE and Anti-Creep etc., as per approved method statement and drawings, but excluding Cost of Contact and Catenary Wires.						
26	Please see Item Breakup for details.			2884202.20	AT Par	2884202.20	
	<b>Description:-</b> 13.2Anti Creep						
27	Please see Item Breakup for details.			5577760.00	AT Par	5577760.00	
	<b>Description:-</b> 13.3OHE Termination						
28	28	28.00	Per Track KM	195828.15	5483188.20	AT Par	5483188.20
	<b>Description:-</b> 13.4Same as item 13.1 but suitable for lines in yard except main lines						
29	Please see Item Breakup for details.			6510180.80	AT Par	6510180.80	
	<b>Description:-</b> 14.1Supply of 3 Pulley ATD with Counter Weight Assembly						
30	Please see Item Breakup for details.			44757493.00	AT Par	44757493.00	
	<b>Description:-</b> 14.2Supply of 5 Pulley ATD with Counter Weight Assembly						
31	Please see Item Breakup for details.			10485949.32	AT Par	10485949.32	
	<b>Description:-</b> 15Cross Feeding Arrangement at TSS/SP/SSP, jumpers etc., 15.1Cross Feeders 2*37/2.25 mm						
32	Please see Item Breakup for details.			635870.34	AT Par	635870.34	
	<b>Description:-</b> 15.2Loop Jumper						
33	Please see Item Breakup for details.			248712.64	AT Par	248712.64	
	<b>Description:-</b> 15.3 Slack-Feeder						
34	Please see Item Breakup for details.			2533050.95	AT Par	2533050.95	
	<b>Description:-</b> 15.4Drop Jumpers 2*160 sq mm copper						
35	Please see Item Breakup for details.			488126.60	AT Par	488126.60	
	<b>Description:-</b> 15.5False Catenary						
36	Please see Item Breakup for details.			247843.20	AT Par	247843.20	
	<b>Description:-</b> 15.6Cut in insulators						
37	Please see Item Breakup for details.			7054992.00	AT Par	7054992.00	
	<b>Description:-</b> 15.7G jumper 120 sqmm						
38	Please see Item Breakup for details.			6026440.00	AT Par	6026440.00	
	<b>Description:-</b> 15.8 50 sqmm copper jumper						
39	Please see Item Breakup for details.			891458.00	AT Par	891458.00	
	<b>Description:-</b> 15.9G jumper 105 sqmm						
40	Please see Item Breakup for details.			199708.50	AT Par	199708.50	
	<b>Description:-</b> 16.0Supply & Erection of various type of retro reflective boards on OHE structures and public caution boards						
41	Please see Item Breakup for details.			16944903.19	AT Par	16944903.19	
	<b>Description:-</b> 17.0Supply and Erection of Light Weight Section Insulator Assembly as DFCCIL requirement						
42	Please see Item Breakup for details.			13805004.32	AT Par	13805004.32	
	<b>Description:-</b> 18.0Supply & Erection of PTFE Short Neutral section Assembly						
43	43	64.32	MT	1065082.81	68506126.34	AT Par	68506126.34
	<b>Description:-</b> 19.1Supply of Catenary wire of 125 sq. mm as per DFCCIL requirement.						
44	44	1.00	MT	1065082.81	1065082.81	AT Par	1065082.81
	<b>Description:-</b> 19.2Supply of Catenary wire of 65 sq. mm as per DFCCIL requirement.						
45	45	84.16	MT	1188235.69	100001915.67	AT Par	100001915.67
	<b>Description:-</b> 20.1Supply of Contact Wire of 150 sq. mm as per DFCCIL requirement						
46	46	34.00	MT	1188235.69	40400013.46	AT Par	40400013.46
	<b>Description:-</b> 20.2Supply of Contact Wire of 107 sq. mm as per DFCCIL requirement						

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47	Please see Item Breakup for details.	1837647.72	AT Par	1837647.72
	<b>Description:-</b> 21.1Supply and Erection 10 KVA 25 kV/240 V Auxiliary Transformer			
48	Please see Item Breakup for details.	2258820.74	AT Par	2258820.74
	<b>Description:-</b> 21.2Supply and Erection of 25 KVA 25 kV/240 V Auxiliary Transformer			
49	Please see Item Breakup for details.	490219.97	AT Par	490219.97
	<b>Description:-</b> 21.3Supply and Erection of 50 KVA 25 kV/240 V Auxiliary Transformer			
50	Please see Item Breakup for details.	616747.86	AT Par	616747.86
	<b>Description:-</b> 22.1Supply and Erection of Automatic Change over (ACO) Suitable for 10 KVA Auxiliary Transformers			
51	Please see Item Breakup for details.	3148082.10	AT Par	3148082.10
	<b>Description:-</b> 22.2Supply and Erection of ACO Panel Suitable for 25 KVA Auxiliary Transformers			
52	Please see Item Breakup for details.	916059.20	AT Par	916059.20
	<b>Description:-</b> 22.3Supply and Erection of ACO Panel Suitable for 50 KVA Auxiliary Transformers			
53	Please see Item Breakup for details.	105102.48	AT Par	105102.48
	<b>Description:-</b> 23.0Supply & erection of anti-climbing for Auxiliary Transformer			
54	Please see Item Breakup for details.	924266.56	AT Par	924266.56
	<b>Description:-</b> 24.0Supply without Insulator & erection of 25 kV D.O. fuse switch.			
55	Please see Item Breakup for details.	653884.00	AT Par	653884.00
	<b>Description:-</b> 25.0Supply and Erection and laying of Cables for commissioning of ACO panel suitable for 10/25/50/100 KVA Auxiliary Transformers 25.12Cx70 sqmm			
56	Please see Item Breakup for details.	336010.00	AT Par	336010.00
	<b>Description:-</b> 25.22Cx120 sqmm			
57	Please see Item Breakup for details.	1036040.00	AT Par	1036040.00
	<b>Description:-</b> 25.32Cx185 sqmm			
58	Please see Item Breakup for details.	945678.60	AT Par	945678.60
	<b>Description:-</b> 26.1Supply and Erection of Single Pole Isolators			
59	Please see Item Breakup for details.	603507.30	AT Par	603507.30
	<b>Description:-</b> 26.2Supply and Erection of Double Pole Isolators			
60	Please see Item Breakup for details.	120366.18	AT Par	120366.18
	<b>Description:-</b> 26.3Extra for Earthing Arrangement for item item 26.1 or 26.2			
61	Please see Item Breakup for details.	49956746.52	AT Par	49956746.52
	<b>Description:-</b> 27.0Supply and erection of 25 KV feeder Cu cable of size 1cx240 sqmm			
62	Please see Item Breakup for details.	2061877.44	AT Par	2061877.44
	<b>Description:-</b> 28.0Supply and erection of Termination kit 25 KV feeder Cu cable of size 1cx240 sqmm			
63	63	1.00	Numbers	14663104.27
	<b>Description:-</b> 29.0Integrated Testing & Commissioning of OHE, PSI & SCADA, current collection and GPS mapping etc.			

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-OHE Items					
<b>Item- 5</b>	3.1Supply and Erection of Fabricated and galvanized B Series Mast, bridge mast (i.e., B-200(S), B-225(S), B-250(S) & B-300(S)) with 1000 GSM hot dipped galvanisation					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	MT	2000.00	113335.51	226671020.00
2	2	Erection	MT	3600.00	2485.66	8948376.00
					<b>Total</b>	<b>235619396.00</b>
<b>Item- 6</b>	3.2Supply and Erection of Fabricated and galvanized Portals (N, O, TTB & R Type) with 1000 GSM hot dipped galvanisation					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	MT	1000.00	133544.39	133544390.00
2	2	Erection	MT	1200.00	8499.67	10199604.00
					<b>Total</b>	<b>143743994.00</b>
<b>Item- 11</b>	6.1Supply and Erection of Single Bracket assembly ( Modular type)					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Each	1150.00	42546.97	48929015.50
2	2	Erection	Each	2688.00	1028.14	2763640.32
					<b>Total</b>	<b>51692655.82</b>
<b>Item- 12</b>	6.2Supply and Erection of Single Bracket assembly (IR Modified type)					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Each	2368.00	16816.21	39820785.28
2	2	Erection	Each	2808.00	1028.14	2887017.12
					<b>Total</b>	<b>42707802.40</b>
<b>Item- 13</b>	6.3Supply and Erection of Single Bracket assembly (IR-Convensional)					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Each	912.00	13761.03	12550059.36
2	2	Erection	Each	912.00	1028.30	937809.60
					<b>Total</b>	<b>13487868.96</b>
<b>Item- 14</b>	7Supply and Erection of Guy Rod Assembly					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	2000.00	9794.03	19588060.00
2	2	Erection	Numbers	2000.00	1133.77	2267540.00
					<b>Total</b>	<b>21855600.00</b>
<b>Item- 15</b>	8Supply and Erection of 288 Sq. mm AAC Feeder wire (19*4 mm) with all fittings as required					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Per Track KM	205.00	340005.93	69701215.65
2	2	Erection	Per Track KM	205.00	16284.00	3338220.00
					<b>Total</b>	<b>73039435.65</b>
<b>Item- 16</b>	9Supply and Erection of 93.3 sq.mm AEC wire with all fittings as required					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Per Track KM	85.00	123321.08	10482291.80
2	2	Erection	Per Track KM	205.00	16284.00	3338220.00
					<b>Total</b>	<b>13820511.80</b>
<b>Item- 17</b>	10Supply and Erection of BEC wire with all fittings as required					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Per Track KM	35.00	242102.37	8473582.95
2	2	Erection	Per Track KM	215.00	20355.00	4376325.00
					<b>Total</b>	<b>12849907.95</b>
<b>Item- 18</b>	11.0Bonding and Earthing of various structures 11.1 Connection of mast/OHE structure, LC-Gate fencing, retaining or protection wall, Minor Bridge, Bridge Mast, Steel girder etc., with BEC. Price shall cover supply and erection cost of T connector, Terminal pad, lug, and suitable fasteners required for fixing of jumper wire. But Price shall not cover the cost jumper (BEC) wire which will be paid in item 8.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	5500.00	865.09	4757995.00
2	2	Erection	Numbers	5500.00	314.00	1727000.00
					<b>Total</b>	<b>6484995.00</b>
<b>Item- 19</b>	11.2Supply and erection of 50*6mm Structure bond between Mast/upright and nearest rail as per approved drawings using rail clamp and suitable fasteners.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	1700.00	1615.19	2745823.00
2	2	Erection	Numbers	1700.00	368.96	627232.00
					<b>Total</b>	<b>3373055.00</b>
<b>Item- 20</b>	11.3Same as item 11.2 but Structure bond with Rail clamp on both side					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	3200.00	1964.77	6287264.00
2	2	Erection	Numbers	3200.00	423.92	1356544.00
					<b>Total</b>	<b>7643808.00</b>
<b>Item- 24</b>	12Supply & Erection of Single earth electrode with earth Pit complete.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	170.00	6613.34	1124267.80
2	2	Erection	Numbers	170.00	1653.34	281067.80
					<b>Total</b>	<b>1405335.60</b>
<b>Item- 26</b>	13.2Anti Creep					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	220.00	8908.04	1959768.80
2	2	Erection	Numbers	220.00	4201.97	924433.40
					<b>Total</b>	<b>2884202.20</b>

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<b>Item- 27</b>	13.3OHE Termination					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	500.00	10031.34	5015670.00
2	2	Erection	Numbers	500.00	1124.18	562090.00
					<b>Total</b>	<b>5577760.00</b>
<b>Item- 29</b>	14.1Supply of 3 Pulley ATD with Counter Weight Assembly					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	80.00	77149.00	6171920.00
2	2	Erection	Numbers	80.00	4228.26	338260.80
					<b>Total</b>	<b>6510180.80</b>
<b>Item- 30</b>	14.2Supply of 5 Pulley ATD with Counter Weight Assembly					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	550.00	77149.00	42431950.00
2	2	Erection	Numbers	550.00	4228.26	2325543.00
					<b>Total</b>	<b>44757493.00</b>
<b>Item- 31</b>	15Cross Feeding Arrangement at TSS/SP/SSP, jumpers etc., 15.1Cross Feeders 2*37/2.25 mm					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Set	92.00	112392.93	10340149.56
2	2	Erection	Set	92.00	1584.78	145799.76
					<b>Total</b>	<b>10485949.32</b>
<b>Item- 32</b>	15.2Loop Jumper					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Set	114.00	4093.25	466630.50
2	2	Erection	Set	114.00	1484.56	169239.84
					<b>Total</b>	<b>635870.34</b>
<b>Item- 33</b>	15.3 Slack-Feeder					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Set	22.00	9236.67	203206.74
2	2	Erection	Set	22.00	2068.45	45505.90
					<b>Total</b>	<b>248712.64</b>
<b>Item- 34</b>	15.4Drop Jumpers 2*160 sq mm copper					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Set	115.00	20493.12	2356708.80
2	2	Erection	Set	115.00	1533.41	176342.15
					<b>Total</b>	<b>2533050.95</b>
<b>Item- 35</b>	15.5False Catenary					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	65.00	5584.37	362984.05
2	2	Erection	Numbers	65.00	1925.27	125142.55
					<b>Total</b>	<b>488126.60</b>
<b>Item- 36</b>	15.6Cut in insulators					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	80.00	2195.11	175608.80
2	2	Erection	Numbers	80.00	902.93	72234.40
					<b>Total</b>	<b>247843.20</b>
<b>Item- 37</b>	15.7G jumper 120 sqmm					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	700.00	9311.85	6518295.00
2	2	Erection	Numbers	700.00	766.71	536697.00
					<b>Total</b>	<b>7054992.00</b>
<b>Item- 38</b>	15.8 50 sqmm copper jumper					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	3500.00	955.13	3342955.00
2	2	Erection	Numbers	3500.00	766.71	2683485.00
					<b>Total</b>	<b>6026440.00</b>
<b>Item- 39</b>	15.9G jumper 105 sqmm					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	100.00	8147.87	814787.00
2	2	Erection	Numbers	100.00	766.71	76671.00
					<b>Total</b>	<b>891458.00</b>
<b>Item- 40</b>	16.0Supply & Erection of various type of retro reflective boards on OHE structures and public caution boards					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	150.00	1271.18	190677.00
2	2	Erection	Numbers	150.00	60.21	9031.50
					<b>Total</b>	<b>199708.50</b>
<b>Item- 41</b>	17.0Supply and Erection of Light Weight Section Insulator Assembly as DFCCIL requirement					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	51.00	315883.55	16110061.05
2	2	Erection	Numbers	58.00	14393.83	834842.14
					<b>Total</b>	<b>16944903.19</b>
<b>Item- 42</b>	18.0Supply & Erection of PTFE Short Neutral section Assembly					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	16.00	855749.99	13691999.84
2	2	Erection	Numbers	16.00	7062.78	113004.48
					<b>Total</b>	<b>13805004.32</b>
<b>Item- 47</b>	21.1Supply and Erection 10 KVA 25 kV/240 V Auxiliary Transformer					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	18.00	87504.30	1575077.40
2	2	Erection	Numbers	18.00	14587.24	262570.32
					<b>Total</b>	<b>1837647.72</b>
<b>Item- 48</b>	21.2Supply and Erection of 25 KVA 25 kV/240 V Auxiliary Transformer					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	6.00	298671.51	1792029.06
2	2	Erection	Numbers	32.00	14587.24	466791.68
					<b>Total</b>	<b>2258820.74</b>
<b>Item- 49</b>	21.3Supply and Erection of 50 KVA 25 kV/240 V Auxiliary Transformer					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	1.00	388109.29	388109.29
2	2	Erection	Numbers	7.00	14587.24	102110.68
					<b>Total</b>	<b>490219.97</b>
<b>Item- 50</b>	22.1Supply and Erection of Automatic Change over (ACO) Suitable for 10 KVA Auxiliary Transformers					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	9.00	62082.66	558743.94
2	2	Erection	Numbers	9.00	6444.88	58003.92
					<b>Total</b>	<b>616747.86</b>
<b>Item- 51</b>	22.2Supply and Erection of ACO Panel Suitable for 25 KVA Auxiliary Transformers					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	17.00	176362.59	2998164.03
2	2	Erection	Numbers	17.00	8818.71	149918.07
					<b>Total</b>	<b>3148082.10</b>
<b>Item- 52</b>	22.3Supply and Erection of ACO Panel Suitable for 50 KVA Auxiliary Transformers					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	2.00	436218.72	872437.44
2	2	Erection	Numbers	2.00	21810.88	43621.76
					<b>Total</b>	<b>916059.20</b>
<b>Item- 53</b>	23.0Supply & erection of anti-climbing for Auxiliary Transformer					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply	Numbers	56.00	1522.08	85236.48
2	2	Erection	Numbers	56.00	354.75	19866.00
					<b>Total</b>	<b>105102.48</b>
<b>Item- 54</b>	24.0Supply without Insulator & erection of 25 kV D.O. fuse switch.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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1	1	Supply	Numbers	56.00	15742.22	881564.32
2	2	Erection	Numbers	56.00	762.54	42702.24
					<b>Total</b>	<b>924266.56</b>
<b>Item- 55</b>	25.0Supply and Erection and laying of Cables for commissioning of ACO panel suitable for 10/25/50/100 KVA Auxiliary Transformers 25.12Cx70 sqmm					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Metre	2800.00	212.30	594440.00
2	2	Erection	Metre	2800.00	21.23	59444.00
					<b>Total</b>	<b>653884.00</b>
<b>Item- 56</b>	25.22Cx120 sqmm					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Metre	1000.00	305.46	305460.00
2	2	Erection	Metre	1000.00	30.55	30550.00
					<b>Total</b>	<b>336010.00</b>
<b>Item- 57</b>	25.32Cx185 sqmm					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Metre	2000.00	470.93	941860.00
2	2	Erection	Metre	2000.00	47.09	94180.00
					<b>Total</b>	<b>1036040.00</b>
<b>Item- 58</b>	26.1Supply and Erection of Single Pole Isolators					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	15.00	58815.37	882230.55
2	2	Erection	Numbers	15.00	4229.87	63448.05
					<b>Total</b>	<b>945678.60</b>
<b>Item- 59</b>	26.2Supply and Erection of Double Pole Isolators					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	6.00	95912.85	575477.10
2	2	Erection	Numbers	6.00	4671.70	28030.20
					<b>Total</b>	<b>603507.30</b>
<b>Item- 60</b>	26.3Extra for Earhting Arrangment for item item 26.1 or 26.2					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	6.00	19573.72	117442.32
2	2	Erection	Numbers	6.00	487.31	2923.86
					<b>Total</b>	<b>120366.18</b>
<b>Item- 61</b>	27.0Supply and erection of 25 KV feeder Cu cable of size 1cx240 sqmm					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Metre	8187.00	4881.57	39965413.59
2	2	Erection	Metre	8187.00	1220.39	9991332.93
					<b>Total</b>	<b>49956746.52</b>
<b>Item- 62</b>	28.0Supply and erection of Termination kit 25 KV feeder Cu cable of size 1cx240 sqmm					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply	Numbers	56.00	29455.39	1649501.84
2	2	Erection	Numbers	56.00	7363.85	412375.60
					<b>Total</b>	<b>2061877.44</b>

**4. ELIGIBILITY CONDITIONS**

**Important :** All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Allowed (Mandatory)

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	As per Tender Document.	No	No	Allowed (Mandatory)
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**5. COMPLIANCE**

**Important :** All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

**Check Lst**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Not Allowed

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Allowed (Mandatory)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Allowed (Mandatory)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	Final_TenderDocument_17102024_UploadedInREPS.pdf	Tender Document
2	Annexure-2_LOP_JNPT-Vaitarna-1-6-1-3.pdf	LOPs1
3	CTP-11GPSDRRev-Fupdatedon30.9.2020-Model.pdf	General Power Supply Drawing
4	5-OH-TD-1135REV.B.pdf	Sectioning Diagram
5	1.5-OH-TD-1001.pdf	Typical Arrangement of OHE Mast
6	5-OH-TD-1235_REV_A_SH1.pdf	Cylindrical Foundations
7	5-OH-TD-1235_REV_A_SH2.pdf	Cylindrical Foundations
8	5-OH-TD-1236_REV_A_SH1.pdf	Cylindrical Foundations
9	5-OH-TD-1236_REV_A_SH2.pdf	Cylindrical Foundations
10	5-OH-TD-1127_REV_D.pdf	Cylindrical Foundation OHE Mast



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11	12.5-OH-TD-1114_REV_A_SH11.pdf	Typical Plan Feeder AEC
12	12.5-OH-TD-1114_REV_A_SH12.pdf	Typical Plan Feeder AEC
13	12.5-OH-TD-1114_REV_A_SH13.pdf	Typical Plan Feeder AEC
14	3242-SubmissionofControlcopiesofMethodstatementforfoundationMastererectionandgrouting_compressed.pdf	Method Statement OHE Foundation
15	6881-ResubmissionofMethodStatementforInstallationofBuriedEarthConductorBEC._compressed.pdf	Method Statement BEC Installation
16	6794-ResubmissionofMethodStatementforstringingofAerialEarthConductorandFeederWire._compressed.pdf	Method Statement AEC and Feeder In
17	NIT-BalanceWorkOHE_1.pdf	NIT OHE Work

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** HARI GOPAL TIWARI

**Designation :** GGMElectrical