

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**  
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**  
**[Electrical Division]**  
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**E-mail :- pmelectricalophwc2021@gmail.com, Website: www.ophwc.nic.in**

**PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-E TYPE QTRS. AT DIGP STAFF COLONY ,BERHAMPUR IN THE DIST. OF GANJAM.**

**BID REF NO.- 74/PM/ELECT/OPHWC/2023-24**

**NAME  
&  
ADDRESS  
OF THE  
FIRM**

**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS. 2023-24	AMOUNT IN RS.
<b>PART-I</b>	<b>3 phase 3W 11 KV line with 80 sq. mm AAAC -10 MTR.</b>				
1	9 Mtr Long GI Joist Pole(23 Kg/Mtr.)	No	1	20182.50	20,182.50
2	GI base plate(500x500x10 mm) (20 kg each)	No	1	1950.00	1,950.00
3	Earthing support coil type GI	No	1	215.80	215.80
4	100x50x6 mm GI channel for straight cross arm,1.45 Mtr.,9.2 Kg/Mtr.(2 Nos.)including tapping point	Kg	25.76	97.50	2,511.60
5	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1053.00	1,053.00
6	GI Back clamp for 11 KV V Cross Arm	No.	1	104.00	104.00
7	11 KV F clamp 2.9 Kg each	No	1	312.00	312.00
8	80 sq. mm AAAC	Km	0.031	55900.00	1,732.90
9	Disc insulator 45 KN (B&S) Polymer	No.	3	1118.00	3,354.00
10	11 KV HW fitting (B&S)2 bolted	No	3	338.00	1,014.00
11	11KV Pin Insulator polymer	No.	3	260.00	780.00
12	PG clamp for 80 sq. mm AAAC	No	3	689.00	2,067.00
13	HT stay set complete	No.	1	1365.00	1,365.00
14	11KV stay insulator	No.	1	65.00	65.00
15	7/10 SWG stay wire, Grade-2	Kg	10	97.50	975.00
16	HT stay clamp (1.9 Kg/Pair)	pair	1	162.50	162.50
17	GI Nuts and Bolts of assorted size	Kg	3	101.40	304.20
18	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	104.00	312.00
19	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.41	97.50	234.98
20	Danger Board	No	1	104.00	104.00
21	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6	97.50	58.50

22	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1,000.00
					<b>39,857.98</b>
<b>PART-II</b>	<b>Installation of 63 KVA 11/0.4KV sub station - 1 No.</b>				
1	11 Mtr Long WPB Pole with base Plate (30.44 Kg/mtr)	No	2	34321.52	68,643.04
2	Earthing support coil type GI	No	2	215.80	431.60
3	Top Pressure Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	97.50	5,023.20
4	AB switch mounting channel(100x50x6)mm,(9.2 Kg/mtr)	K.g	51.52	97.50	5,023.20
5	HG fuse mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	38.08	97.50	3,712.80
6	Channel for cantilever arrangement 50x50x6mm. . (4.5 kg./mtr.)	Kg.	13.6	97.50	1,326.00
7	Angle for cantilever arrangement 50x50x6mm (4.5 kg./mtr.)	Kg.	13.5	97.50	1,316.25
8	Channel for DP bracing 100x50x6 mm-(9.2 Kg/mtr) GI	K.g	51.52	97.50	5,023.20
9	DP Bracing angle 50x50x6 mm ,7 Mtr.(4.45 Kg/Mtr.GI	Kg.	31.5	97.50	3,071.25
10	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	13.5	97.50	1,316.25
11	11KV AB switch( 3 pole,200 Amp,50Hz)	Set	1	9555.00	9,555.00
12	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	7956.00	7,956.00
13	9KV 5KA LA, Station class	No.	3	1274.00	3,822.00
14	Disc insulator 45 KN (B&S) Polymer	No.	3	1118.00	3,354.00
15	11 KV HW fitting (B&S)2 bolted	No	3	338.00	1,014.00
16	11KV Pin Insulator polymer	No.	3	260.00	780.00
17	HT stay set complete	No.	2	1365.00	2,730.00
18	11KV stay insulator	No.	2	65.00	130.00
19	7/10 SWG stay wire, Grade-2	Kg	20	97.50	1,950.00
20	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
21	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1365.00	9,555.00
22	25x4 mm GI flat(for S/S earthing)	Kg	30	97.50	2,925.00
23	25x6 mm GI flat(for neutral earthing of 63 KVA S/S	Kg	20	97.50	1,950.00
24	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 63 KVA S/S .	No	1	23818.60	23,818.60
25	63 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	112450.00	112,450.00
26	GI Nuts and Bolts of assorted size	Kg	30	101.40	3,042.00
27	55 sq. mm AAAC for jumpering	Km	0.05	39000.00	1,950.00
28	1 core 150 sq. mm LT XLPE cable(armoured)	Mtr.	32	273.00	8,736.00

29	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	104.00	624.00
30	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.81	97.50	468.98
31	Danger Board	No.	2	104.00	208.00
32	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2	97.50	117.00
33	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	2000.00	2,000.00
					<b>294,347.37</b>
<b>PART-III</b>	<b>Construction of LT 3ph 4 W line using 3x50+1x35 sqmm XLPE AB Cable=0.17 Km</b>				
1	9 Mtr Long 300 KG PSC Pole	No	4	3900.00	15,600.00
2	8 Mtr Long 200 KG PSC Pole as stud pole	No	1	2600.00	2,600.00
3	Stud clamp	No	1	162.50	162.50
4	GI Base plate (500x500x10)mm for support,20 Kg each	No	5	1950.00	9,750.00
5	Earthing support coil type GI	No	4	215.80	863.20
6	3x50+1x35 sqmm XLPE AB Cable	Km	0.18	169000.00	30,251.00
7	Pole clamp for eye Hook for AB cable	pair	7	260.00	1,820.00
8	Dead end clamp	No	6	84.50	507.00
9	Eye hook	No	6	78.00	468.00
10	Suspension clamp with I Hook	pair	1	442.00	442.00
11	L.T Stay set (Complete )	Set	3	676.00	2,028.00
12	L.T Stay Insulator	No.	3	39.00	117.00
13	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	143.00	429.00
14	7/12 SWG Stay Wire	Kg	24	97.50	2,340.00
15	GI Nuts Bolts and washers	Kg	4	101.40	405.60
16	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	12	104.00	1,248.00
17	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	9.63	97.50	938.93
18	Danger Board	No.	4	104.00	416.00
19	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.41	97.50	234.98
20	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1,000.00
					<b>71,621.20</b>
<b>PART-IV</b>	<b>Erection of New Line by dismantling existing Line with 1 No. 9 Mtr. PSC Pole.(AB Cable used in existing Line will be used in new proposed LT Line)</b>				
1	9 Mtr Long 300 KG PSC Pole	No	1	3900.00	3,900.00
2	GI Base plate (500x500x10)mm for support,20 Kg each	No	1	1950.00	1,950.00
3	Earthing support coil type GI	No	1	215.80	215.80
4	Pole clamp for eye Hook for AB cable	pair	6	260.00	1,560.00
5	Dead end clamp	No	4	84.50	338.00
6	Eye hook	No	4	78.00	312.00
7	Suspension clamp with I Hook	pair	2	442.00	884.00

8	L.T Stay set (Complete )	Set	2	676.00	1,352.00
9	L.T Stay Insulator	No.	2	39.00	78.00
10	L.T Stay Clamp(1.4 K.g/Pair)	Pair	2	143.00	286.00
11	7/12 SWG Stay Wire	Kg	16	97.50	1,560.00
12	GI Nuts Bolts and washers	Kg	3	101.40	304.20
13	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	104.00	312.00
14	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.41	97.50	234.98
15	Danger Board	No.	1	104.00	104.00
16	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6	97.50	58.50
17	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1,000.00
					<b>14,449.48</b>
	A.Sub Total Rs.				<b>420,276.02</b>
B	Stock,storage and insurance (@3% on A)				<b>12,608.28</b>
C	TOTAL RS.				<b>432,884.30</b>
D	T&P @ 2% of C				<b>8,657.69</b>
E	Contigency @ 3% of C				<b>12,986.53</b>
F	Transportation @ 7.5% of C				<b>32,466.32</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>35,199.04</b>
H	TOTAL RS.				<b>522,193.87</b>
18	Cement Concrete material for stay anchor plate 0.5 cum CC 1:3:6 size(900x600x900mm) by using 40 mm BHG metal with all Labour and material.	Nos.	8	1270.00	10,160.00
19	Cement Concreting for support with C.C. 1:3:6 by using 4 cm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	7	1270.00	8,890.00
20	Cement Concreting for support with C.C. 1:3:6 by using 4 cm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum+Couping with C.C .1:3:6 using 12 mm size HBG metal= 0.3Mtrx 0.3Mtrx0.45 mtr= 0.0405 cum	Nos.	3	1460.00	4,380.00
21	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11,200.00
22	Brick wall Boundaring with fixing of iron grill gate etc as per the TPSODL specification .(Detail as per estimate)	No	1.00	150,000.00	150,000.00

23	Dismantling charges of LT pole	Ls	3.00	500.00	1,500.00
24	Dismantling charges of LT Line	Span	3.00	400.00	1,200.00
	Total Estimated Cost			Total Rs.	<b>709,523.87</b>
	Total Estimated Cost in Figures				<b>709,524.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)	_____ %			
Quoted Amount in Figure					
Quoted Amount in word					

N:B- The Estimated cost is exclusive of GST .

**Signature of Tenderer with seal**

**Sd/-  
Asst. Project Manager (Elect)**

**Sd/-  
Asst. Project Manager (Elect) (Hqr)**

**Sd/-  
Project Manager (Elect.)**