

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.****JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com****PRICE BID FOR THE WORK UNDER SL. NO :- 08 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AUTOMATED DRIVING TESTING TRACK (ADTS) AT GOPALPUR IN THE DISTRICT OF CUTTACK.****BID REF NO :- 03/PM/ELECT/OPHWC/2026-27**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
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**SCHEDULE OF WORKS**

<b>Sl. No.</b>	<b>Description of work</b>	<b>Unit</b>	<b>Qty.</b>	<b>Estimated Cost in Rs.</b>	
				<b>RATE IN RS.</b>	<b>AMOUNT IN RS.</b>
<b>I</b>	<b>LT Line</b>				
<b>1</b>	9 Mtr Long 300 KG PSC Pole	No	5	4,260.00	21,300.00
<b>2</b>	LT Stay set Complete	Set	2	738.40	1,476.80
<b>3</b>	7/12 SWG GI stay wire, Grade -2	Kg	24	106.50	2,556.00
<b>4</b>	LT stay Clamp ( 1.40Kg/pair)	Pair	2	156.20	312.40
<b>5</b>	LT Stay insulator	No	2	42.60	85.20
	<b>LT Accessories with Eye Hook and Clamp</b>				
<b>6</b>	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	7	284.00	1,988.00
<b>7</b>	EYE hook for XLPE Aerial bunched Cable	No	4	85.70	342.80
<b>8</b>	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	4	92.30	369.20
<b>9</b>	Suspension Clamp with EYE hook for ABC	No	3	482.80	1,448.40
<b>10</b>	4C×35 mm <sup>2</sup> (P)+1C×35 mm <sup>2</sup> (M)+1CX16 mm <sup>2</sup> (Street Light) (LT AB Cable)	Mtr	173.25	152.16	26,361.72
<b>11</b>	Insulated piercing connector.Type-A-main 50 to 150 sq.mm & Tap-50 to 150 sq.mm	No	5	62.13	310.65
<b>12</b>	Pipe Earthing (each 5th pole to earth)	No	1	1,491.00	1,491.00
<b>13</b>	Coil Earthing	No	4	235.72	942.88
<b>14</b>	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr.- 2 Mtr. For connecting pole with Coil earthing	Kg	1.31	106.50	139.52
<b>15</b>	Danger plate (LT)	Kg	5	113.60	568.00
<b>16</b>	Back Clamp for anticlimbing device 25X3 mm. flat	Kg	7.523	106.50	801.20
<b>17</b>	GI barbed wire/Anticlimbing device	Kg	15	113.60	1,704.00
<b>18</b>	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	Kg	2.5	106.08	265.20

19	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr.	10	216.00	2,160.00
20	Black paint (GIS Numbering & Zebra stripping)	Ltr	5	312.40	1,562.00
A	<b>A. Sub total</b>				<b>66,184.96</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,985.55</b>
C	<b>Sub Total (C=A+B)</b>				<b>68,170.51</b>
D	<b>T&amp;P @ 2% of C</b>				<b>1,242.35</b>
E	<b>Contingency @ 3% of C</b>				<b>2,045.12</b>
F	<b>Transportation @ 7.5% of C</b>				<b>5,112.79</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				
H	<b>Erection Charges @ 20% on PSC Poles</b>				<b>4,387.80</b>
I	<b>Erection Charges @ 10% for other materials</b>				<b>4,017.81</b>
J	<b>Total</b>				<b>84,976.38</b>
21	Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod & stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts & Bolts,including excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm)	No	2	2,301.53	4,603.06
22	Laying PCC M20	Cu.Mtr	1.875	6,648.85	12,466.59
23	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	1	3,784.73	3,784.73
					20,854.38
	<b>Total Rs.</b>				<b>105,830.76</b>
I	<b>INSTALLATION OF 63 KVA S/S.</b>				
1	WPB 160X160X6-11 Mtr. Long ,30.44 Kg/mtr.- DP Structure	No.	2	36,804.27	73,608.54
2	9 Mtr Long 300 KG PSC Pole	No.	1	4,260.00	4,260.00
3	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	2	284.00	568.00
4	EYE hook for XLPE Aerial bunched Cable	No	2	85.70	171.40
5	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	2	92.30	184.60
6	GI Channel 100x50x6 mm	Kg	131.259	106.50	13,979.08
7	GI flat 50x6 mm	Kg	158.781	106.50	16,910.18
8	GI channel 75x40x4.8 mm	Kg	124.379	106.50	13,246.36
9	GI angle 50x50x6 mm	Kg	52.758	106.50	5,618.73
10	63 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II	No	1	141,308.92	141,308.92

11	LT Distrubution Box with MCCB, Aluminim Busbar for 63 KVA S/S.	No	1	26,017.24	26,017.24
12	55 sq. mm ACSR insulated(RABBIT)	Mtr.	50	99.74	4,987.00
13	1.1 KV 4Cx 95 sq. mm LT XLPE cable(Un Armoured)	Mtr	55	499.41	27,467.55
14	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8,690.40	8,690.40
15	11 KV AB Switch Trip Pole Gang Ope,200 A)	No	1	10,437.00	10,437.00
16	Wedge connector for 55 sq. mm conductor	No	6	100.00	600.00
17	Polycarbonate Bird Guard	No	6	29.40	176.40
18	11 KV Disc insulator polymer type 70 KN	No	3	1,633.00	4,899.00
19	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
20	11 KV Lightning Arrester(12 KV,10 KA)	EA	3	5,041.00	15,123.00
21	11 KV Pin Insulator Polymer,11 KV 200 mm FRP Dia.	No	3	281.00	843.00
22	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
23	HT Stay Insulator	No.	2	71.00	142.00
24	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	177.50	355.00
25	7/10 SWG Stay Wire ,7/3.25 mm	KG	30	106.50	3,195.00
26	GI Pipe for earthing 40mm dia 3mtr long	EA	7	1,491.00	10,437.00
27	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2,769.00
28	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
29	GI Flat 25x3 mm	Kg	3.009	106.50	320.46
30	Danger plate	No	2	113.60	227.20
31	Name Plate	No	1	113.60	113.60
32	Enamel Paint yellow	Ltr.	2	216.00	432.00
33	Black paint with Barrel	Ltr.	1	312.40	312.40
A	<b>A. Sub total</b>				<b>392,554.66</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>11,776.64</b>
C	<b>Sub Total (C=A+B)</b>				<b>404,331.30</b>
D	<b>T&amp;P @ 2% of C</b>				<b>7,168.47</b>
E	<b>Contingency @ 3% of C</b>				<b>12,129.94</b>
F	<b>Transportation @ 7.5% of C</b>				<b>30,324.85</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>11,068.25</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				<b>877.56</b>
I	<b>Erection Charges @ 10% for other materials</b>				<b>13,267.08</b>
J	<b>Total</b>				<b>479,167.45</b>
34	Laying of PCC M20	M3	0.375	6,648.85	2,493.32
35	PCC 1:3:6	M3	1.5	5,247.48	7,871.22
36	Installation of 11 KV complete stay set with concrete	No	2	2,301.53	4,603.06
37	Earth chamber including installation of earthing pipe	No	7	3,784.73	26,493.11
38	Laying of cable upto 120 sq. mm	Mtr.	55	47.87	2,632.85
39	Supply & erection GI fencing with Gate	M2	16	3,682.44	58,919.04
40	Supply and crimping/fixing/connection of terminal AL 95 Lug	No	24	92.06	2,209.44

41	Supply and Installation of 3.5/4 core ,50-95 sq. mm Gland/AL term	No	3	690.46	2,071.38
	<b>Total Rs.</b>				<b>586,460.86</b>
	<b>CONSTRUCTION OF 11 KV LINE .</b>				
<b>A</b>	<b>11 KV CUT POINT WITH 90 DEGREE ANGLE</b>				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	36,804.27	36,804.27
2	GI channel 100X50X6mm	Kg	57.589	106.50	6,133.23
3	GI flat 50x6 mm	Kg	10.573	106.50	1,126.02
4	Danger plate	No	1	113.60	113.60
5	GI Flat 25x3 mm	Kg	1.505	106.50	160.28
6	GI barbed wire/Anticlimbing device	No	3	113.60	340.80
7	11 KV Pin Insulator Polymer,11 KV 200 mm FRP Dia.	No	4	284.00	1,136.00
8	11 KV Disc insulator polymer type 70 KN	No	9	1,633.00	14,697.00
9	11 KV H/W fitting polymer type	Pair	9	497.00	4,473.00
10	Non metallicTies -11 KV 55 sq. mm CVRD AAAC	No	4	251.00	1,004.00
11	IPC for 11 KV 55 sq. mm CVRD AAAC	No	9	550.00	4,950.00
12	Coil earthing	No	1	235.72	235.72
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	106.50	27.90
14	HT Stay Set (Complete)	Set	1	1,491.00	1,491.00
15	HT Stay Insulator	No.	1	71.00	71.00
16	HT Stay Clamp(150x150 mm RS Joist)	Pair	1	177.50	177.50
17	7/10 SWG Stay Wire ,7/3.25 mm	KG	15	106.50	1,597.50
18	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	7.433	110.76	823.28
19	Enamel Paint yellow	Ltr.	2	216.00	432.00
20	Black paint with Barrel	Ltr.	0.5	312.40	156.20
<b>A</b>	<b>A. Sub total</b>				<b>75,950.31</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>2,278.51</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>78,228.82</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>1,495.83</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>2,346.86</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>5,867.16</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>1,895.42</b>
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>3,688.33</b>
<b>J</b>	<b>Total</b>				<b>93,522.42</b>
21	Laying of PCC M20	M3	0.563	6,648.85	3,743.30
22	Installation of 11 KV complete stay set with concrete	No	1	2,301.53	2,301.53

	<b>Total Rs.</b>				<b>99,567.26</b>
<b>B</b>	<b>11 KV PIN POINTS WITH WPB</b>				
<b>1</b>	55 sq. mm 11 KV AAAC XLPE Insulated Covered Conductor	Mtr.	61.8	99.74	6,163.93
<b>A</b>	<b>A. Sub total</b>				<b>6,163.93</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>184.92</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>6,348.85</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>126.98</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>190.47</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>476.16</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>634.88</b>
<b>J</b>	<b>Total</b>				<b>7,777.34</b>
	<b>Sub Total Rs.</b>				<b>799,636.22</b>
	<b>Cess @1%</b>				<b>7,996.36</b>
	<b>Total Estimated Cost</b>				<b>807,632.58</b>
	<b>Total Estimated Cost in Figures</b>				<b>807,633.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)		In Figure _____ % In word _____ %		
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/-**  
**Dy. Manager (Elect)**

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