

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
JANAPATH, BHOINAGAR, BHUBANESWAR - 22**

**[Electrical Division]**

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**PRICE BID FOR THE WORK UNDER SL. NO :- 03 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO MANCHESWAR FIRE STATION IN THE DISTRICT OF KHURDA.**

**BID REF NO :- 14/PM/ELECT/OPHWC/2026-27**

**NAME &  
ADDRESS  
OF THE  
FIRM**

**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>I</b>	<b>INSTALLATION OF 63 KVA S/S.</b>				
1	WPB GI Pole 160X160x6 (11 Mtr. Long, 30.44 Kg/Mtr.)	No	2	36,804.27	73,608.54
2	GI Channel 100x50x6 mm	Kg	131.26	106.50	13,979.08
3	GI Flat 50x6 mm	Kg	158.78	106.50	16,910.18
4	GI channel 75x40x6 mm	Kg	102.96	106.50	10,965.24
5	GI Angle 50x50x6 mm	Kg	52.758	106.50	5,618.73
6	63 KVA, 11/0.4 KV Transformer BIS Energy Level-II	No	1	141,308.92	141,308.92
7	LT Distribution Box with MCCB, Aluminium Busbar of single Bay with kit kat Fuse for 63 KVA S/S.	No	1	26,017.24	26,017.24
8	55 sq. mm AAAC XLPE covered conductor	Mtr	50	99.74	4,987.00
9	1.1 KV XLPE AL 4Cx95 sq. mm XLPE armoured cable	Mtr	15	499.41	7,491.15
10	11 KV AB switch (200 Amp, 3 pole) Gang operated	Set	1	10,437.00	10,437.00
11	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8,690.00	8,690.00
12	Wedge connector for 55 sq. mm conductor	EA	6	100.00	600.00
13	Polycarbonate Bird Guard	No	6	29.40	176.40
14	11 KV Disc insulator polymer type 70 KN	No	3	1,633.00	4,899.00
15	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
16	11 KV LA (12KV, 10 KA) station class-2	No	3	5,041.00	15,123.00
17	11 KV Pin Insulator polymer type	No	3	284.00	852.00
18	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
19	HT Stay Insulator	No.	2	177.50	355.00
20	HT Stay Clamp (1.95 K.g/Pair)	Pair	2	71.60	143.20
21	7/10 SWG Stay Wire	KG	30	106.50	3,195.00
22	GI Pipe for earthing 40mm dia 3mtr long	No	7	1,491.00	10,437.00

23	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2,769.00
24	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
25	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	3.009	106.50	320.46
26	Danger plate	Kg	2	113.60	227.20
27	Name Plate	No	1	113.60	113.60
28	Enamel Paint yellow	Ltr	2	216.00	432.00
29	Black paint with Barrel	Ltr	1	312.40	312.40
A	<b>A. Sub total</b>				<b>365,122.94</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>10,953.69</b>
C	<b>Sub Total (C=A+B)</b>				<b>376,076.62</b>
D	<b>T&amp;P @ 2% of C</b>				<b>7,014.71</b>
E	<b>Contingency @ 3% of C</b>				<b>11,282.30</b>
F	<b>Transportation @ 7.5% of C</b>				<b>28,205.75</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>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>12,937.06</b>
J	<b>Total</b>				<b>446,584.69</b>
30	Laying of PCC M20	M3	1.126	6,648.85	7,486.61
31	PCC 1:3:6	M3	1.5	5,247.48	7,871.22
32	Installation of 11 KV complete stay set with concrete	No	2	2,301.53	4,603.06
33	Earth chamber including installation of earthing pipe	No	7	3,784.73	26,493.11
34	Laying of cable upto 120 sq. mm	Mtr.	15	47.87	718.05
35	Supply & erection GI fencing with Gate	M2	16	3,682.44	58,919.04
36	Supply and crimping/fixing/connection of terminal AL 95 Lug	No	8	92.06	736.48
37	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>108,898.95</b>
	<b>Sub total Rs</b>				<b>555,483.63</b>
II	<b>CONSTRUCTION OF 11 KV LINE</b>				
A	<b>11 KV DP WITH ISOLATOR</b>				
1	WPB GI Pole160X160x6(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	36,804.27	73,608.54
2	GI channel 100X50X6mm	Kg	64.052	106.50	6,821.54
3	GI flat 50x6 mm	Kg	52.345	106.50	5,574.74
4	GI channel 75x40x4.8 mm	Kg	134.23	106.50	14,295.71
5	GI Angle 50x50x6 mm	Kg	63.216	106.50	6,732.50
6	Danger plate	No	2	113.60	227.20
7	GI Flat 25x3 mm	Kg	3.009	106.50	320.46
8	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
9	HT Stay Insulator	No.	2	71.00	142.00
10	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	177.50	355.00

11	7/10 SWG Stay Wire ,7/3.25 mm	KG	30	106.50	3,195.00
12	GI Pipe for earthing 40mm dia 3mtr long	No	2	1,491.00	2,982.00
13	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
14	11 KV LA (12KV,10 KA)station class-2	No	3	5,041.00	15,123.00
15	11 KV AB switch (200 Amp, 3 pole)Gang operated	Set	1	16,827.00	16,827.00
16	11 KV Pin Insulator Polymer,11 KV 200 mm FRP Dia.	No	3	284.00	852.00
17	11 KV Disc insulator polymer type 70 KN	No	6	1,633.00	9,798.00
18	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
19	Non metallicTies -11 KV 55 sq. mm CVRD AAAC	No	3	251.00	753.00
20	IPC for 11 KV 55 sq. mm CVRD AAAC	No	6	550.00	3,300.00
21	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	13.718	110.76	1,519.41
22	Enamel Paint yellow	Ltr.	2	216.00	432.00
23	Black paint with Barrel	Ltr.	1	312.40	312.40
A	<b>A. Sub total</b>				<b>169,817.10</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>5,094.51</b>
C	<b>Sub Total (C=A+B)</b>				<b>174,911.61</b>
D	<b>T&amp;P @ 2% of C</b>				<b>3,299.32</b>
E	<b>Contingency @ 3% of C</b>				<b>5,247.35</b>
F	<b>Transportation @ 7.5% of C</b>				<b>13,118.37</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>3,790.84</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>8,914.92</b>
J	<b>Total</b>				<b>209,282.40</b>
24	Laying of PCC M20	M3	1.125	6,648.85	7,479.96
25	Installation of 11 KV complete stay set with concrete	No	2	2,301.53	4,603.06
26	Earth chamber including installation of earthing pipe	No	2	3,784.73	7,569.46
	<b>Total Rs.</b>				<b>228,934.88</b>
<b>B</b>	<b>11 KV PIN POINTS WITH WPB</b>				
1	WPB GI Pole160X160x6(11 Mtr. Long ,30.44 Kg/Mtr.)	No	5	36,804.27	184,021.35
2	HT V Cross Arm	No	5	1,150.20	5,751.00
3	Top Hamper 11 KV V cross Arm	No	5	213.00	1,065.00
4	Danger plate	No	5	113.60	568.00
5	GI Flat 25x3 mm	Kg	7.523	106.50	801.20
6	GI barbed wire/Anticlimbing device	No	15	113.60	1,704.00
7	11 KV Pin Insulator Polymer,11 KV 200 mm FRP Dia.	No	15	284.00	4,260.00
8	Coil Earthing	No	5	235.72	1,178.60
9	Non metallicTies -11 KV 55 sq. mm CVRD AAAC	No	15	251.00	3,765.00

10	No. 8 GI earth wire	Kg	1.31	106.50	139.52
11	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	7.25	110.76	803.01
12	55 sq. mm XLPE Insulated AAAC Covered conductor	Mtr.	741.6	99.74	73,967.18
13	Enamel Paint yellow	Ltr.	10	216.00	2,160.00
14	Black paint with Barrel	Ltr.	5	312.40	1,562.00
A	<b>A. Sub total</b>				<b>281,745.86</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>8,452.38</b>
C	<b>Sub Total (C=A+B)</b>				<b>290,198.23</b>
D	<b>T&amp;P @ 2% of C</b>				<b>5,803.97</b>
E	<b>Contingency @ 3% of C</b>				<b>8,705.95</b>
F	<b>Transportation @ 7.5% of C</b>				<b>21,764.87</b>
	<b>Erection Charges @ 5% on poles</b>				<b>9,477.10</b>
G	<b>Erection Charges @ 10%</b>				<b>10,065.63</b>
H	<b>Total</b>				<b>346,015.74</b>
15	Laying of PCC M20	M3	2.813	6,648.85	18,703.22
	<b>Total Rs.</b>				<b>364,718.96</b>
	<b>Sub Total Rs.</b>				<b>1,149,137.47</b>
	<b>Cess @ 1%</b>				<b>11,491.37</b>
	<b>Total Estimated Cost</b>				<b>1,160,628.85</b>
	<b>Total Estimated Cost in Figures</b>				<b>1,160,629.00</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)**