

**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 :- 05 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT GUNUPUR FIRE STATION IN THE DISTRICT OF RAYAGADA.****BID REF NO.- 14/PM/ELECT/OPHWC/2026-27**

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

**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>PART-I</b>	<b>Construction of 11 KV Line.</b>				
1	11 KV 'V' cross arm(10.2 Kg each)	No.	2	1,150.20	2,300.40
2	Back clamp for 11 KV V cross Arm	No.	2	113.60	227.20
3	11 KV F clamp 2.9 Kg each	No	2	340.80	681.60
4	Top Bracket 100x50x6 mm MS Channel(2 Kg each)	No.	2	213.00	426.00
5	Disc insulator 45 KN (B&S) Polymer	No.	3	1,221.20	3,663.60
6	11 KV HW fitting (B&S)45 KN, 2 Bolt	No	3	184.60	553.80
7	11 KV Pin Insulator	No	9	284.00	2,556.00
8	HT stay set (Complete)REC Construction standard	No.	1	1,491.00	1,491.00
9	HT stay Insulator, Type-C	No.	1	71.00	71.00
10	Stay clamp(1.9 Kg/Pair)	pair	1	177.50	177.50
11	7/10 SWG GI Stay wire, grade-2	Kg	10	106.50	1,065.00
12	Earthing Device coil type GI	No	2	235.72	471.44
13	GI Nuts and Bolts of assorted size	Kg	10	110.76	1,107.60
14	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	132.48	106.50	14,109.12
15	WPB 160x152 mm (30.44 Kg/Mtr.)11 Mtr. Long with Base Plate 300x300x12 for Stud Pole	No.	2	34,321.52	68,643.04
16	55 sq. mm AAAC	Km	0.1545	42,600.00	6,581.70
17	PG clamp for 55 sq. mm AAAC	Nos.	3	681.60	2,044.80

18	Fish Plate 50x8 mm, 0.97 Kg/Mtr., each 0.280 Mtr. Length	Kg	0.815	106.50	86.80
19	No.6 GI wire for guarding	Kg	30	106.50	3,195.00
20	100x50x6 mm GI channel for straight cross arm, 1.5 Mtr. Each 4 Nos, 9.2 Kg/Mtr.	Kg	55.2	106.50	5,878.80
21	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No.	2	1,491.00	2,982.00
22	GI Flat (25x6)mm for earthing og Guarding both sides	Kg	20	106.50	2,130.00
23	Galvanisation of RS & MS Materials	Kg	30.19	14.20	428.70
24	Danger Board	No	2	113.60	227.20
25	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
26	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.612	106.50	65.18
27	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	2.448	106.50	260.71
28	Sundries	Ls	1	1,200.00	1,200.00
<b>A.Sub Total Rs.</b>					<b>123,306.79</b>
B	Stock,storage and insurance (@3% on A)				<b>3,699.20</b>
C	TOTAL RS.				<b>127,005.99</b>
D	T&P @ 2% of C				<b>2,540.12</b>
E	Contigency @ 3% of C				<b>3,810.18</b>
F	Transportation @ 7.5% of C				<b>9,525.45</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>9,165.49</b>
H	TOTAL RS.				<b>152,047.23</b>
29	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	2	1,600.00	3,200.00
30	Concreting of WPB poles in ratio 1:1:5:3=0.45 cum @6648.85	Nos.	2	2,991.98	5,983.96
31	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @66648.85	Nos.	1	1,329.77	1,329.77
32	Couping of poles in ratio 1:1:5:3, 0.1125 cum @66648.85	Nos.	2	748.00	1,496.00
33	Survey of incremental / delta network and assets changes of 11 KV network and updatation in GESW database.	Km	0.051	9,633.00	491.28
					<b>164,548.24</b>
<b>PART-II</b>	<b>Installation of 63 KVA 11/0.4KV sub station - 1 No.</b>				

1	WPB GI Pole 160x152 mm (30.44 Kg/Mtr.)11 Mtr. Long	No.	2	34,321.52	68,643.04
2	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5,486.88
3	Transformer mounting GI channel 100x50x5 mm-2.8 Mtr. Long,2 Nos.(9.56 Kg/mtr)	K.g	51.52	106.50	5,486.88
4	AB switch & HG Fuse mounting GI channel(75x40x6)mm,each 2.8mtr long, 4 Nos. (6.8 Kg/mtr)	K.g	76.2	106.50	8,115.30
5	Cantilever GI Channel for supporting HG Fuse,75x40x6mm MS Angle -1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1,448.40
6	Cantilever GI Channel for supporting HG Fuse,50x50x6mm MS Angle -1 Mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	106.50	958.50
7	Angle for Cantilever arrangement for AB Switch and HG Fuse 50x50x6 mm 2 Mtr. Long each 2 Nsos.(4.5 Kg/Mtr.)	Kg.	18	106.50	1,917.00
8	Transformer Belting Angle GI 50x50x6mm ,2.8 mtr long(4.5 K.g/mtr)with side angle Total 7 mtr.	K.g	31.5	106.50	3,354.75
9	LT Distribution Box mounting angle GI(50x50x6)3 Mtr. Long (4.5 Kg/Mtr.)	Kg	13.5	106.50	1,437.75
10	Disc insulator 45 KN (B&S) Polymer	No.	3	1,221.20	3,663.60
11	11 KV HW fitting (B&S)45 KN	No	3	184.60	553.80
12	11KV AB switch 3 pole(200 Amp, 50 Hz,Polymer type insulator, Horizontal type)	Set	1	10,437.00	10,437.00
13	11KV HG fuse 3 pole(200 Amp, 3 pole, 50 Hz,Polymer type insulator, Horizontal type)	Set	1	8,690.00	8,690.00
14	11 KV LA(9 KV, 10 KA)DH class	No.	3	1,420.00	4,260.00
15	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 63 KVA S/S	No	1	26,017.24	26,017.24
16	Spike GI using 50x6 mm flat welded with 8 mm square bar(2 Nos. spike per set in each pole)	No	4	220.00	880.00
17	HT stay set (Complete)REC Construction standard	No.	2	1,491.00	2,982.00
18	HT stay Insulator, Type-C	No.	2	71.00	142.00
19	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
20	7/10 SWG GI Stay wire, grade-2	Kg	20	106.50	2,130.00
21	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
22	Earthing Device coil type GI	No	2	235.72	471.44
23	No.6 GI wire	Kg	35	106.50	3,727.50

24	25x6 mm GI flat for earthing	Kg	25	106.50	2,662.50
25	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2,769.00
26	63 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	122,830.00	122,830.00
27	95 sq. mm 3.5 core LT PVC Cable(Un-armoured)	Mtr.	12	472.86	5,674.32
28	Danger Board	No.	2	113.60	227.20
29	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.602	106.50	64.11
30	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
31	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	2.407	106.50	256.35
32	Sundries(Pole Numbering, Zebra painting, Binding wire and other accessories)	Ls	1	3,000.00	3,000.00
<b>A.Sub Total Rs.</b>					<b>309,760.16</b>
B	Stock,storage and insurance (@3% on A)				<b>9,292.80</b>
C	TOTAL RS.				<b>319,052.97</b>
D	T&P @ 2% of C				<b>6,381.06</b>
E	Contingency @ 3% of C				<b>9,571.59</b>
F	Transportation @ 7.5% of C				<b>23,928.97</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>22,044.43</b>
H	TOTAL RS.				<b>380,979.02</b>
33	Materials for earthing including masonry work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1,600.00	11,200.00
34	Concreting of WPB poles in ratio 1:1:5:3=0.45 cum @6648.85	Nos.	2	2,991.98	5,983.96
35	Couping of poles in ratio 1:1:5:3, 0.1125 cum @66648.85	Nos.	2	748.00	1,496.00
36	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @66648.85	Nos.	2	1,329.77	2,659.54
37	Survey and digitization of new DSS and its internals including attributes.	No.	1	6,883.00	6,883.00
38	Survey and digitization of new MCCB/ LTDB and its internals including attributes.	Job	1	6,883.00	6,883.00
39	Filling Sand @ Rs.431.60/cmt for (8ftx12ftx1/2 ft)=48cft=1.359 cmt	No.	1	1,390.12	1,390.12
40	Metal spreading of 40 mm size HGB Metal @ 981.36/cmt for (8ftx12ftx1/4 ft)=24 cft=0.679 cmt	No.	1	666.75	666.75

41	Brick wall Boundary with grill gate as per TPSODL(3X3)Mtr.as per TPSODL	Mtr.	12	7,300.12	87,601.44
					<b>505,742.83</b>
<b>PART-III</b>	<b>LT LINE-0.189 Km(4x35+1x35+1x16) sq. mm AB Cable</b>				
1	9 Mtr. Long 300 KG PSC Pole	No.	6	4,260.00	25,560.00
2	L.T Stay set (Complete )	Set	6	738.40	4,430.40
3	L.T Stay Insulator	No.	6	42.60	255.60
4	L.T Stay Clamp(1.4 K.g/Pair)	Pair	6	156.20	937.20
5	7/12 SWG Stay Wire	Kg	48	106.50	5,112.00
6	4x35+1x35+1x16 sqmm AB Cable	Km	0.189	152,364.41	28,796.87
7	RCC Base Plate	No.	6	361.34	2,168.04
8	Earthing device coil type(GI)	No	6	235.72	1,414.32
9	Pole clamp for eye Hook for AB cable	No	8	284.00	2,272.00
10	Dead end clamp suitable for XLPE cable	No	4	92.30	369.19
11	Eye hook for AB Dead End cable	No.	8	85.20	681.63
12	Suspension clamp with I Hook for ABC	No.	4	482.80	1,931.20
13	Insulated piercing connector.Type-A-main 16 to 95 sq.mm to Tap-16 to 95 to 10 sq.mm	No	20	113.60	2,272.03
14	Neutral connector.Type-B-main 35 to 70 sq.mm AAAC & Tap-2.5 to 10 sq.mm service cable cover by black weather resistant insulation cover	No	4	46.86	187.44
15	GI Nuts and Bolts of assorted size	Kg	10	110.76	1,107.60
16	Danger Board	No.	6	113.60	681.61
17	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	1.836	106.50	195.53
18	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	18	113.60	2,044.80
19	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	7.344	106.50	782.14
20	No. 8 GI wire for earthing	Kg	1.57	106.50	167.21
21	Sundries( Zebra painting, Piercing connector, Insulation Tape and other accessories)	Ls	6	1,000.00	6,000.00
	Total Rs.				<b>87,366.81</b>
	<b>A.Sub Total Rs.</b>				<b>87,366.81</b>
B	Stock,storage and insurance (@3% on A)				<b>2,621.00</b>
C	TOTAL RS.				<b>89,987.81</b>
D	T&P @ 2% of C				<b>1,799.76</b>
E	Contingency @ 3% of C				<b>2,699.63</b>

F	Transportation @ 7.5% of C				<b>6,749.09</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>11,631.46</b>
H	TOTAL RS.				<b>112,867.75</b>
22	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	6	1,329.77	7,978.62
23	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	6	748.00	4,488.00
24	Concreting of PSC poles in ratio 1:1:5:3=0.375 cum @6400	Nos.	6	2,493.92	14,963.52
25	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.	Km	0.189	9,633.00	1,820.64
					<b>142,118.52</b>
<b>Sub Total Rs.</b>					<b>812,409.59</b>
<b>Cess @ 1%</b>					<b>8,124.10</b>
<b>Total Estimated Cost</b>					<b>820,533.69</b>
<b>Total Estimated Cost in Figures</b>					<b>820,534.00</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)**