

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 :- 02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO JCO MESS AND 30-F TYPE STAFF QUARTERS AT OSAP 3RD BN., KORAPUT IN THE DISTRICT OF KORAPUT.

BID REF NO - 35/PM/ELECT/OPHWC/2026-27

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
I	LT LINE				
1	Stay set complete	Set	6.00	738.40	4,430.39
2	7/12 SWG Stay Wire	No.	24	106.50	2,556.00
3	LT Stay Clamp(1.40kg/pair)	No.	6	156.20	937.22
4	Stay insulator	No.	6	42.60	255.61
5	Suspension clamp with I hook	No.	4	482.80	1,931.19
6	Eye Hook	No.	7	85.20	596.42
7	Pole clamp for I hook	No.	11	284.00	3,124.00
8	Dead end clamp I hook	No.	7	92.30	646.08
9	Neutral Connector type B suitable for main 35 to 70 sq.mm, AAAC & tap 2.5 to 10sqmm.Service wireCablecover by black weather.	No.	1	46.86	46.86
10	Insulated piercing connector, Type-A main 16 to 95 sq.mm. & Tap-16 to 95 sq.mm.	No.	3	113.60	340.81
11	GI Nut, Bolt & washers of different sizes	Kg	8.73	110.76	966.96
12	AB cable(3x50+1x35+1x16)	km	0.2625	198,800.00	52,185.00
13	9 Mtr Long 300 Kg PSC Pole	No.	7	4,260.00	29,820.00
14	Earthing of support Coil Type	No	7	235.72	1,650.04
15	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.834	106.50	195.32
16	Base Plate for PSC Pole	No	7	361.34	2,529.37
17	GI barbed wire/Anticlimbing device	Kg	21	113.60	2,385.64
18	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	8.568	106.50	912.49
19	Black Paint	Ltr	3.5	312.40	1,093.39

20	Yellow colour Paint	Ltr	7	212.77	1,489.40
21	Sundries	Set	1	700.00	700.00
				A. Sub total	108,792.18
B	Stock, Storage & Insurance @ 3% of A				3,263.77
C	Sub Total (C=A+B)				112,055.95
D	Contingency @3% of C				3,361.68
E	T & P 2% of C				2,241.12
F	Transportation @ 7.5% of C				8,404.20
G	Erection Charges for PSC Pole @ 20%				6,142.92
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				8,134.13
J	Sub Total Rs.				140,340.00
H	Total				140,340.00
	Civil Item				
22	Stay Concreting in ratio 1:2:4 as per TPSODL Specification and drawing=0.2 Cum	No	6	1,329.77	7,978.63
23	Concreting of pole in ratio 1:1:5:3 (9 mtr8 M PSC Pole 0.375 CUM)	No	7	2,493.32	17,453.25
24	Couping of pole in ratio 1:1:5:3 (11 mtr WPB/10 M/9 M/8 M Pole 0.1125 CUM)	No	7	748.00	5,236.00
25	Survey of incremental/delta network and assets changes of LT network and updatation in GESW databas	Km	0.25	9,633.00	2,408.25
	Sub Total				173,416.13
	SERVICE CONNECTION				
1	LT 3 1/2 Core 35 mm2 PVC Cable	Mtr	30	215.84	6,475.17
2	No-8 SWG GI wire	KG	3	106.50	319.50
3	Insulated piercing connector, Type-B main 16 to 95 sq.mm. & Tap-2.5 to 10 sq.mm.	No.	3	56.80	170.39
4	Neutral Connector type B suitable for main 35 to 70 sq.mm, AAAC & tap 2.5 to 10sqmm.Service wireCablecover by black weather.	No.	1	46.86	46.86
5	200 A Kit kat Fuse	No.	3	707.16	2,121.48
6	40 mm GI S/C bracket	No.	1	383.40	383.40
7	Sundries	Ls	1	300.00	300.00
				A. Sub total	9,816.80
B	Stock, Storage & Insurance @ 3% of A				294.50
C	Sub Total (C=A+B)				10,111.30
D	Contingency @3% of C				303.34
E	T & P 2% of C				202.23
F	Transportation @ 7.5% of C				758.35
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				1,011.13
J	Sub Total Rs.				12,386.34
H	Total				12,386.34
	TOTAL RS.(PART-A)				185,802.47
I	Construction of 11 KV Line				
1	11 KV V Cross Arm (10.2 Kg each)	No	1	1,198.80	1,198.80
2	Back Clamp for 11 KV V Cross Arm	No	1	118.40	118.40

3	11 KV F Clamp 2.9 Kg each	No	1	355.20	355.20
4	Disc Insulator (B& S) 45 KN Polymer	No	3	1,272.80	3,818.39
5	Hard Ware Fitting (B& S) 45 KN	Set	3	192.40	577.19
6	11 KV Pin Insulator Polymer	No	5	296.00	1,480.00
7	H.T. Stay set complete	No	1	1,554.00	1,554.00
8	11 KV. Stay insulator	No	1	74.00	74.00
9	H.T Stay Clamp (1.9Kg/Pair)	No	1	185.00	185.00
10	7/10 SWG GI Wire for stay Wire Grade-2	Kg	10	111.00	1,110.00
11	Earthing device/ Support Coil type (GI)	No	1	245.68	245.68
12	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.262	111.00	29.08
13	GI Nut, Bolt & washer	Kg	3.75	115.44	432.90
14	100x50x6 mm Channel for straight Cross arm 1.2 mtr each 2nos & 0.3 mtr long 2nos @9.2kg/mtr for 180 Nos @9.2Kg/mtr for 90 degree CP.	Kg	27.6	111.00	3,063.60
15	Fish Plate 50x8mm,0.97Kg/mtr each .0.280mtr Length.	Kg	1.086	111.00	120.55
16	Pole WPB GI 160x152 11 Mtr With Base Plate 300x300x12	No	1	27,310.20	27,310.20
17	80 mm ² AAA conductor	Km	0.093	75,095.20	6,983.85
18	PG Clamp for 80 mm ² conductor.	No	3	784.40	
19	GI barbed wire anticlimbing device @3kg/pole Support.	Kg	3	118.40	355.19
20	Back clamp for Barbed wire anticlimbing Device 25x3 mm ,flat, 0.60 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos.	Kg	1.224	111.00	135.86
21	Danger Board	No	1	118.40	
22	Back clamp for danger Board(25x3 mm) GI earth flat,0.6 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.306	111.00	33.97
23	Yellow Paint	Ltr.	1	212.77	212.77
24	Black Paint	Ltr.	0.5	312.40	156.20
25	Saundries (Paint & others)	No.	1	500.00	500.00
					50,050.84
II	INSTALLATION OF 250 KVA S/S.				
1	WPB GI Pole 160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No.	2	27,310.20	54,620.41
2	Top Pressure GI Channal 100x50x6mm	Kg	51.52	111.00	5,718.72
3	AB Switch & HG Fuse Mounting Channel 75x40x6mm GI	kg	76.16	111.00	8,453.76
4	Angle for mounting LT Distribution box (50x50x6) mm (50x50x6) mm 1.0 mtr long 2ns (4.5kg/mtr)	Kg	9	111.00	999.00
5	AB Switch OP Channel Support 75x40x6 mm GI Channel	kg	4.25	111.00	471.75
6	AB Switch Side Support Channel 75x40x6 mm GI Channel	kg	6.59	111.00	731.49
7	HG Fuse side support channel 75x40x6 mm GI channel	kg	6.59	111.00	731.49
8	Cantilever GI Channel for supporting AB switch arm. 75x40x6 1 mtr long 2nos (6.8kg/per mtr)	kg	5.508	111.00	611.39
9	AB Switch OP Digonal Angle Channel Support 50x50x6 mm GI Channel	kg	1.746	111.00	193.81

10	Cantilever Angle for AB switch arm. 50x50x6 mm GI angle	kg	5.769	111.00	640.36
11	11KV AB switch 3Pole (400 Amp)	Set	1	17,538.00	17,538.00
12	HG Fuse (11 KV, 400A, 3Pole) with PI	Set	1	17,064.40	17,064.40
13	11 KV LA (9 KV,10 KA, DH Class)	No	3	1,480.00	4,440.00
14	LT Distrubution Box with MCCB, Aluminim Busbar for 250 KVA S/S.	No	1	71,040.00	71,040.00
15	LT 3 1/2 Core 300 mm2 PVC Cable (unarmoured)	Mtr	15	1,471.12	22,066.78
16	25x4 mm GI Flat	Kg	53.6	111.00	5,949.60
17	HT Stay Set (Complete)	pair	4	1,554.00	6,216.00
18	HT Stay Insulator	No.	4	74.00	296.00
19	HT Stay Clamp(1.95 K.g/Pair)	Pair	4	185.00	740.00
20	7/10 SWG Stay Wire	KG	40	111.00	4,440.00
21	50x6 mm GI Flat for earthing ,2.36kg/m	Kg	70	111.00	7,770.00
22	Earthing of support Coil Type	No	2	245.68	491.36
23	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.524	111.00	58.16
24	GI Nut, Bolt & washers of different sizes	Kg	30	115.44	3,463.22
25	GI barbed wire/Anticlimbing device	No	6	118.40	710.39
26	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.45	111.00	271.73
27	Danger Board	No	2	118.40	236.80
28	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.612	111.00	67.93
29	250 KVA , 11/0.4 KV(AL) Transformer BIS Energy Level-II	No	1	619,789.28	619,789.28
30	80 mm2 AAA conductor (for Jumping)	Km	0.02	63,640.00	1,272.80
31	Yellow paint	Ltr.	2	212.77	425.54
32	Black Paint	Ltr.	1	312.40	312.40
33	Sundries	Set	1	1,000.00	1,000.00
					858,832.55
III	LT 3Ph 5 W Line.				
1	Stay set (Complete)	SET	11	769.60	8,465.62
2	7/12 SWG Stay Wire	KG	88	111.00	9,768.00
3	LT Stay Clamp	No.	11	162.80	1,790.76
4	Stay Insulator	EA	11	44.40	488.38
5	Suspension clamp with I Hook for ABC	Pair	35	503.20	17,612.12
6	Eye hook for (XLPE Aerial bunched cable)	No.	20	88.80	1,775.93
7	Pole Clamp for I hook	Pair	55	296.00	16,280.00
8	Dist Box LT Polycarbonate 10 way	No.	25	920.34	23,008.47
9	Buckless for Steel Strap	No	1.25	705.00	881.25
10	Steel Strap size 20mmx50M long	Roll	1.25	1,584.03	1,980.04
11	Cable 1.1 KV AI 4Cx25 sq.mm. Armoured	Mtr	50	182.47	9,123.31
12	Conductor Dead End Clamp	No	20	96.20	1,924.07
13	Natural Connector type B suitable for main 35 to 70 sq.mm, AAAC & tap 2.5 to 10sqmm.Service wireCablecover by black weather.	No.	30	48.84	1,465.17
14	Insulated piercing connector, Type-A main 16 to 95 sq.mm. & Tap-16 to 95 sq.mm.	No.	90	118.40	10,655.85

15	GI Nut, Bolt & washers of different sizes	Kg	36.278	115.44	4,187.96
16	AB cable (3x95+1x70+1x16)	Km	1.386	359,640.00	498,461.04
17	9mtr long 300 Kg PSC Pole	No	32	4,440.00	142,080.00
18	Earthing device/ Support Coil type (GI)	no	32	245.68	7,861.69
19	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	8.384	111.00	930.62
20	Base Plate for PSC Pole	No	32	361.34	11,562.85
21	GI barbed wire/Anticlimbing device	Kg	96	118.40	11,366.24
22	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	39.168	111.00	4,347.65
23	Danger Board	No	32	118.40	3,788.75
24	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	9.792	111.00	1,086.91
25	Yellow Paint	Ltr.	32	212.77	6,808.68
26	Black Paint	Ltr.	16	312.40	4,998.37
27	Saundries	Ls	1.00	3,200.00	3,200.00
A	Total Rs.				805,899.73
				A. Sub total	1,714,783.13
B	Stock, Storage & Insurance @ 3% of A				51,443.49
C	Sub Total (C=A+B)				1,766,226.62
D	Contingency @3% of C				52,986.80
E	T & P 2% of C				35,324.53
F	Transportation @ 7.5% of C				132,467.00
G	Erection Charges for PSC Pole @ 20%				29,268.48
H	Erection Charges of DTR and Joist Poles @ 5%				36,138.57
I	Erection Charges of other @ 10%				89,711.27
J	Sub Total Rs.				2,142,123.28
H	Total				2,142,123.28
IV	Dismantling Charges				
1	Dismantling 31-55 sqmm AAAC Conductor	Mtr	1560.00	6.44	10,046.40
2	Dismantling of PSC Pole 8/9 Mtr	No.	4.00	920.61	3,682.44
3					13,728.84
4	Stay Concreting in ratio 1:2:4 as per TPSODL Specification and drawing=0.2 Cum	Nos.	16	1,300.00	20,800.00
5	Suply & Installation of Earthing pipe with 40mm dia 3 Mtr Long Class-B GI Pipe with earth chamber as per specufication and drawing resistance will be measured and recorded and shall be as per scope including all required materials.	No	7	5,100.00	35,700.00
6	Concreting of pole in ratio 1:1:5:3 (11 M WPB Pole 0.45 CUM)	Nos.	3	2,991.98	8,975.95
7	Concreting of pole in ratio 1:1:5:3 (9 M/8 M PSC Pole)	Nos.	32	2,493.32	79,786.24
8	Couping of pole in ratio 1:1:5:3 (11 mtr WPB/10 M/9 M/8 M Pole 0.1125 CUM)	Nos.	35	748.00	26,180.00
9	Plinth for Transformer	No	1	32,181.60	32,181.60
10	Construction of Brick Boundary wall for fencing of S/S in size of 5mtrx4mtr (250 KVA DSS)	No	1	131,402.00	131,402.00

11	Survey and digitization of New DSS and its internals including attributed.	No	1	6,883.00	6,883.00
12	Survey of incremental/delta network and assets changes of 11 KV network and updation in GESW database.	Km	0.03	9,633.00	288.99
13	Survey of incremental/delta network and assets changes of LT network and updation in GESW database.	Km	1.32	9,633.00	12,715.56
					354,913.34
	Total Rs.(PART-B)				2,510,765.46
	Sub Total Rs. (Part-A+Part-B)				2,696,567.93
	Cess @ 1%				26,965.68
	Total Estimated Cost				2,723,533.61
	Total Estimated Cost in Figures				2,723,534.00
EXCESS	☐ LESS ☐ (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)**