

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 :- 03 AS PER IFB****NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 1-E+8-F TYPE STAFF QUARTERS AT SHERAGADA FIRE STATION IN THE DISTRICT OF GANJAM.****BID REF NO.-81/PM/ELECT/OPHWC/2025-26**

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.
PART-A	Construction of 3 Ph 3 W 11 KV Line-0.010 Km				
1	9 Mtr. Long 300 KG PSC Pole	No	1	4,260.00	4,260.00
2	RCC Base Plate	No	1	361.34	361.34
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
4	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
5	Top F clamp	No.	1	340.80	340.80
6	100x50x6 mm GI channel or straight cross Arm (1.2 mtr.x02 pcs)on each pole (9.2 Kg/Mtr.)for tapping pole & Cut point pole	Kg	26.68	92.30	2,462.56
7	Galvanisation of all MS & RS materials	Kg	39.78	14.20	564.88
8	11KV Disc insulator T & C,45 KN polymer	No.	3	1,221.20	3,663.61
9	11KV H.W Fittings T&C 45KN	No.	3	184.60	553.80
10	11KV Pin Insulator 320 CD polymer	No.	3	284.00	852.00
11	Danger Board	No	1	113.60	113.60
12	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
13	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1	106.50	106.50
14	HT stay set complete	No.	1	1,491.00	1,491.00
15	11KV stay insulator	No.	1	71.00	71.00
16	7/8 SWG stay wire, Grade 2	Kg	10	106.50	1,065.00
17	HT stay clamp (1.9 Kg/Pair)	pair	1	177.50	177.50
18	Earthing support coil type	No.	1	235.72	235.72
19	55 sq. mm AAAC	kM	0.031	42,600.00	1,320.60
20	GI Nuts, Bolts of assorted size	Kg	2	110.76	221.52
21	sundries(binding wire, insulating tape, pole numbering etc.)	Ls	1	1,000.00	1,000.00
					20,466.03

PART-II	Upgradation of S/S from 25 KVA to 63 KVA S/S -1 No.				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	2	34,321.52	68,643.04
2	Top Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	92.30	4,755.30
3	Transformer mounting GI Channel 100x50x6mm 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	92.30	4,755.30
4	AB switch &HG fuse mounting channel GI(75x40x6)mm, 2.8 long 4 Nos(6.8Kg/mtr)	K.g	76.16	92.30	7,029.57
5	Transformer Belting Angle 50x50x6mm 2.8 mtr long,2 Nos.(4.5 K.g/mtr)with side angle total 7 Mtr.	Kg.	31.5	92.30	2,907.45
6	Angle for mounting LT Distribution Box 35x35x5 mm ,1 Mtr. Long ,2 Nos.(3.5 Kg/Mtr.)	Kg.	13.5	92.30	1,246.05
7	galvanisation of all MS & RS materials	Kg	224.2	14.20	3,183.64
8	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10,437.00	10,437.00
9	11KV HG fuse 3 pole(200 Amp)	Set	1	8,690.40	8,690.40
10	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
11	25x6 mm GI flat for LA	Kg	8	106.50	852.00
12	25x4 mm GI flat for others	Kg	30	106.50	3,195.00
13	Danger Board	No	2	113.60	227.20
14	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	106.50	64.09
15	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
16	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.4072	106.50	256.37
17	HT stay set (Complete)REC Construction standard	No.	2	1,491.00	2,982.00
18	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2,130.00
19	HT stay Insulator, Type-C	No.	2	71.00	142.00
20	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
21	11KV Disc insulator T & C,45 KN polymer	No.	3	1,221.20	3,663.61
22	11KV H.W Fittings T&C 45KN	No.	3	184.60	553.81
23	11 KV LA(12 KV, 5 KA)	No.	3	3,195.00	9,585.00
24	63 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II, IS 1180, Ammendment-4	No	1	140,470.99	140,470.99
25	LT Distribution box(GI) with 3 pole MCCB(I/C 100 Amp),Aluminium busbar 200 Amp with Kit Kat Fuse (O/G-6 Nos. of 63 Amp)for 63 KVA S/S,MCCB should have integrated protection for overload, short circuit & earth fault.The GI encloser thickness must be 3 mm thickness & IP 55 compiled.	No.	1	32,581.36	32,581.36
26	Cable 1.1 KV AL 4Cx95 sq. mm Armoured cable-A2XWay-FRLSH	Mtr.	15	499.42	7,491.30
27	GI Nuts, Bolts of assorted size	Kg	25	110.76	2,769.00
28	Sundries	LS	1	1,000.00	1,000.00
					331,085.06

PART-III	LT Line-0.34 Km				
1	8 Mtr. Long 200 KG PSC Pole	No	8	2,840.00	22,720.00
2	RCC Base Plate	No	8	361.34	2,890.72
3	4X50+1X50+1X16 sqmm XLPE AB Cable	Km	0.34	206,220.34	69,083.81
4	L.T Stay set (Complete)	Set	8	738.40	5,907.20
5	L.T Stay Insulator	No.	8	42.60	340.80
6	L.T Stay clamp (1.40 K.g/Pair)	Pair	8	156.20	1,249.60
7	7/12 SWG Stay Wire ,Grade-2	Kg	32	106.50	3,408.00
8	Suspension clamp with Eye Hook	No	4	482.80	1,931.20
9	Dead end clamp	No.	8	92.30	738.37
10	Pole clamp for eye Hook for AB cable	Pair	8	284.00	2,272.00
11	LT distribution Box polycarbonate	No	1	1,010.38	1,010.38
12	Danger Board	No	8	113.60	908.80
13	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.4	106.50	255.60
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	24	113.60	2,726.40
15	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	9.629	106.50	1,025.49
16	Earthing support coil type	No	8	235.72	1,885.76
17	No. 8 GI wire(Dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	2.11	106.50	224.72
18	GI Nut, bolt & washer	Kg	4	110.76	443.05
19	Sundries for danger Board,anticlimbing device etc.	Ls	1	1,000.00	1,000.00
					120,021.90
	A.Sub Total Rs.				471,572.99
B	Stock,storage and insurance (@3% on A)				14,147.19
C	TOTAL RS.				485,720.18
D	T&P @ 2% of C				9,714.40
E	Contigency @ 3% of C				14,571.61
F	Transportation @ 7.5% of C				36,429.01
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				40,581.58
H	TOTAL RS.				587,016.78
20	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6400.00	Nos.	11	1,329.77	14,627.47
21	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum@6400.00	Nos.	2	2,991.98	5,983.96
22	Concreting of PSC Pole in ratio 1:1:5:3=0.375 cum	Nos.	9	2,493.32	22,439.88
23	Couping in ratio 1:1:5:3=0.1125 Cum @6400.00	Nos.	9	748.00	6,732.00
24	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	7	1,595.66	11,169.62

25	Construction of Brick wall Boundary for fencing (3mx5M for 63 KVA S/S)	No.	1	87,601.00	87,601.00
26	1) MS grill gate 1.5 mtr (h) x 1.5 mtr (w) made of 35x35x6 mm MS angel and 25x6 mm flat (Angel for out side border with horizontal & vertical crossing for i) 35x35x6 mm MS Angel= 1.5 mtr x 4=6@3 Kg/mtr=18 Kg. ii) 25x6 mm flat=1.5 mtrx8x2=24 mtr @ 1.2 Kg/Mtr=28 Kg iii) Painting of gate with 2coat.	No	1	4,863.80	4,863.80
27	Sand and metal spreading	Rs	1	2,000.00	2,000.00
28	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.	Km	0.32	9,633.00	3,082.56
29	Survey of incremental / delta network and assets changes of 11 KV network and updation in GESW database.	Km	0.01	9,633.00	96.33
30	Survey and digitization of new DSS and its internals including attributes.	Job	1	6,883.00	6,883.00
	Total Rs.				165,479.62
	Sub Total Rs.				752,496.40
	Cess @ 1%				7,524.96
	Total Estimated Cost				760,021.37
	Total Estimated Cost in Figures				760,021.00
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)**