THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
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[Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT DIGAPAHANDI FIRE STATION IN THE DISTRICT OF GANJAM.

BID REF NO.-59/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.
PART-A	**Construction of 3 Ph 3 W 11 KV Line**				
1	160x152 mm 11 Mtr. Long WPB GI Pole with Base Plate 300x300x12	No	9	27,310.20	2,45,791.80
2	9 Mtr. Long 300 KG PSC Pole	No	4	4,440.00	17,760.00
3	160x152 mm 13 Mtr. Long WPB GI Pole with Base Plate 300x300x12	No	2	32,688.10	65,376.20
4	100x50x6 mm GI channel for straight cross Arm(1.2 Mtrx2 Nos)(9.2 Kg/Mtr.),0.2 Mtr.for tapping & cut point pole	Kg	145.32	111.00	16,130.52
5	11 KV 'V' cross arm(10.2 Kg each)	No.	9	1,198.80	10,789.20
6	GI Back clamp for V Cross Arm	No.	9	118.40	1,065.60
7	11 KV F Clamp 2.9 Kg each	No.	9	355.20	3,196.80
8	11KV Disc insulator T & C,45 KN polymer	No.	21	1,272.80	26,728.80
9	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	21	192.40	4,040.40
10	100 sq. mm AAAC	Km	1.496	81,400.00	1,21,774.40
11	PG Clamp for 100 sq. mm AAAC	No.	21	858.40	18,026.40
12	Non metallic ties for 11 KV Covered conductor	No.	15	298.62	4,479.28
13	Mechanical connector with heat shrink sleeve for covered conductor	No.	3	521.73	1,565.19
14	Tension assembly wedge type for covered conductor	Set	24	905.00	21,720.00
15	11 KV LA(9 KV, 5 KA)	No	6	1,420.00	8,520.00
16	75x40x6 mm GI channel with Galvanisation 1.2 Mtr. Long ,2 Nos.(6.8 Kg/Mtr.)for Road support	Kg	32.64	106.50	3,476.16
17	Heat shrinkable jointing kit for 3Cx35 sq. mm 11 KV XLPE cable (outdoor)type	No.	4	13,370.72	53,482.88
18	3Cx35 sq. mm 11 KV XLPE cable(armoured)A2FXY(double Circuit)	Mtr.	63	509.78	32,116.14
19	7/12 SWG GI Saty wire for supporting XLPE cable	Kg	19.278	106.50	2,053.11

20	XLPE Cable clamp to hold support wire	No.	25.79	106.50	2,746.64
21	Pole clamp for eye Hook for AB cable	No	4	284.00	1,136.00
22	Eye Hook for XLPE Areial Bunched Cable	No	4	85.20	340.80
23	Conductor Dead End clamp suitable for bare messenger XLPE AB Cable(25-70 sq. mm)	Nos.	4	92.30	369.19
24	25x4 mm GI flat for earthing for XLPE Cable	Kg	20	106.50	2,130.00
25	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2	1,491.00	2,982.00
26	Earthing support coil type	No	5	235.72	1,178.60
27	GI Nuts, Bolts of assorted size	Kg	10.5	110.76	1,162.98
28	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	113.60	1,704.00
29	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	3.01	106.50	320.57
30	Danger Board	No	5	113.60	568.00
31	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.01	106.50	320.57
32	sundries(binding wire, insulating tape, pole numbering etc.)	Ls	1	847.46	847.46
	A.Sub Total Rs.				**6,73,899.66**
B	Stock,storage and insurance (@3% on A)				**20,216.99**
C	TOTAL RS.				**6,94,116.65**
D	T&P @ 2% of C				**13,882.33**
E	Contigency @ 3% of C				**20,823.50**
F	Transportation @ 7.5% of C				**52,058.75**
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				**36,035.90**
H	TOTAL RS.				**8,16,917.14**
33	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6648.85	Nos.	2	1,235.58	2,471.15
34	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum	Nos.	5	2,880.00	14,400.00
35	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	5	720.00	3,600.00
36	Material for earthing including masonary work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	2	1,600.00	3,200.00
	Total Rs.				23,671.15
	Sub Total Rs.				**8,40,588.29**
PART-II	**Installation of 100 KVA S/S -1 No.**				
1	11 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)	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	106.50	5,486.88
3	Transformer mounting GI Channel 100x50x6mm 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5,486.88
4	AB switch &HG fuse mounting channel GI(75x40x6)mm, 2.8 long 4 Nos(6.8Kg/mtr)	K.g	76.16	106.50	8,111.04

5	Cantilever GI Channel for supporting HG Fuse Arm,50x50x6 mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1,448.40
6	Cantilever GI Channel for supporting HG Fuse Arm,50x50x6 mm.-1 Mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	106.50	958.50
7	GI Angle for Cantilever arrangement for AB switch and HG fuse 50x50x6 mm 2 Mtr. Long each 2 Nos.(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.	Kg.	31.5	106.50	3,354.75
9	LT Distribution Box mounting angle GI(35X35X5)1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)	Kg.	13.5	106.50	1,437.75
10	11KV Disc insulator T & C,45 KN polymer	No.	3	1,221.20	3,663.61
11	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	3	184.60	553.81
12	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10,437.00	10,437.00
13	11KV HG fuse 3 pole(200 Amp)	Set	1	8,690.40	8,690.40
14	11 KV LA(9 KV, 5 KA)	No.	3	1,391.60	4,174.81
15	LT Distribution box(GI) with MCCB, Aluminium Busbar for 2 bay with kitkat fuse for 100 KVA S/S.	No.	1	32,581.36	32,581.36
16	HT stay set (Complete)REC Construction standard	No.	2	1,491.00	2,982.00
17	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2,130.00
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	55 sq. mm AAAC for jumpering	Km	0.05	42,600.00	2,130.00
21	Fish Plate 50x8 mm ,0.97 Kg/Mtr.,each 0.280 Mtr. Length	Kg	1.63	106.50	173.60
22	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
23	Earthing of support coil type	No	2	235.72	471.44
24	25x6 mm GI flat for neutral and Body earthing of DTR	Kg	84	106.50	8,946.00
25	GI Nuts, Bolts of assorted size	Kg	25	110.76	2,769.00
26	100 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II, IS 1180, Ammendment-4	No	1	1,66,140.64	1,66,140.64
27	3 Cx95 sq. mm LT PVC Cable(Un-armoured)	Mtr.	12	472.86	5,674.27
28	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
29	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	4.81	106.50	512.27
30	Danger Board	No	2	113.60	227.20
31	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2	106.50	127.80
32	Sundries	Ls	1	1,694.92	1,694.92
	A.Sub Total Rs.				**3,62,539.95**
B	Stock,storage and insurance (@3% on A)				**10,876.20**
C	TOTAL RS.				**3,73,416.14**
D	T&P @ 2% of C				**7,468.32**
E	Contigency @ 3% of C				**11,202.48**
F	Transportation @ 7.5% of C				**28,006.21**

G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				**22,734.58**
H	TOTAL RS.				**4,42,827.74**
28	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6648.85	Nos.	2	1,329.77	2,659.54
29	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum	Nos.	2	2,991.98	5,983.96
30	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	2	748.00	1,496.00
31	Material for earthing including masonary work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	7	1,600.00	11,200.00
32	Labour charges for Dismantling of 25 KVA Transformer-1 No., PSC Pole-2 Nos. and Fabricated DP materials=258.3 Kg	Ls	1	4,106.19	4,106.19
33	Construction of Brick wall Boundary for fencing of 5' height with 9" wall for area(3x3)=12M	Ls	12	7,300.12	87,601.42
34	Sundries for danger Board,anticlimbing device etc.	No	1	500.00	500.00
	Total Rs.				1,13,547.11
	Sub Total Rs.				**5,56,374.85**
PART-III	**LT Line-0.19 Km**				
1	9 Mtr. Long 300 KG PSC Pole	No	6	4,260.00	25,560.00
2	Base plate for PSC Pole 20 KG	No	6	2,130.00	12,780.00
3	3X35+1X25+1X16 sqmm AB Cable	Km	0.19	1,70,400.00	32,205.60
4	Suspension clamp with Eye Hook	No	6	482.80	2,896.80
5	Eye Hook	No	6	85.20	511.22
6	Pole clamp for eye Hook for AB cable	Pair	6	284.00	1,704.00
7	Conductor Dead End clamp suitable for bare messenger XLPE AB Cable(25-70 sq. mm)	No.	4	92.30	369.19
8	L.T Stay set (Complete)	Set	5	738.40	3,692.00
9	L.T Stay Insulator	No.	5	42.60	213.00
10	L.T Stay clamp (1.40 K.g/Pair)	Pair	5	156.20	781.00
11	7/12 SWG Stay Wire ,Grade-2	Kg	40	106.50	4,260.00
12	Insulated piercing connector	No	15	113.60	1,704.03
13	Neutral connector	No	5	46.86	234.28
14	GI Nut, bolt & washer	Kg	12	110.76	1,329.15
15	Earthing support coil type	No	6	235.72	1,414.32
16	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	18	113.60	2,044.80
17	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	3.61	106.50	384.47
18	Danger Board	No	6	113.60	681.60
19	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.61	106.50	384.47
20	Sundries	Ls	1	423.73	423.73
	A.Sub Total Rs.				**93,573.64**
B	Stock,storage and insurance (@3% on A)				**2,807.21**
C	TOTAL RS.				**96,380.85**

D	T&P @ 2% of C				**1,927.62**
E	Contigency @ 3% of C				**2,891.43**
F	Transportation @ 7.5% of C				**7,228.56**
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				**12,270.36**
H	TOTAL RS.				**1,20,698.82**
21	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6648.85	Nos.	5	1,236.42	6,182.12
22	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum	Nos.	6	720.00	4,320.00
23	Couping of Poles in ratio 1:1:5:3=0.11875 Cum @6648.85	Nos.	6	2,400.00	14,400.00
	Total Rs.				24,902.12
	Total Rs.				**1,45,600.94**
	Dismantling Charges				
1	Dismantling charges of PSC Pole	No.	9	**920.61**	**8,285.49**
2	Dismantling charges of 25 KVA DTR	No.	1	**1,534.35**	**1,534.35**
3	Dismantling charges of LT AB Cable	Mtr.	100	**23.02**	**2,301.69**
4	Dismantling charges of 11 KV Conductor	Mtr.	160	**6.44**	**1,030.51**
					1,58,752.98
	Sub Total Rs.				**15,42,564.08**
	Cess @ 1%				**15,425.64**
	Total Estimated Cost				**15,57,989.72**
	Total Estimated Cost in Figures				**15,57,990.00**
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)