

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 :- 02 AS PER IFB

NAME OF THE WORK :- EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 4-E+4-F TYPE STAFF QUARTERS AT MARINE POLICE STATION, ARJYAPALLI IN THE DISTRICT OF GANJAM.

BID REF NO.- 46/PM/ELECT/OPHWC/2026-27

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
I	Construction of 3P 3W Line with 50mm2 XLPE Cable - 0.050 Km				
1	9 Mtr Long 300 Kg PSC Pole	No	1.00	3630.00	3,630.00
2	GI Base Plate for support 20 Kg	No	1.00	361.34	361.34
3	11KV V cross arm (10.5Kg each)	No	1.00	851.00	851.00
4	GI Back Clamp for V cross Arm (0.8kg each)	No	1.00	140.00	140.00
5	11 KV F clamp (GI)	No	1.00	135.00	135.00
6	11 KV 5KN Polymer pin insulator	No	3	140.00	420.00
7	12KV 10KA 11KV Lighting Arrestor Station CI-II without surge counter for XLPE cable.	No	3	1960.00	5,880.00
8	(75x40x6) Mm GI Channel, 1.2 Mtr Long, 02 Nos for road support of Las.	Kg	16.32	78.00	1,272.96
9	Heat shrinkable joning kit suitable for 3Cx50 mm2 11KV XLPE Cable (outdoor Type)	No	4.00	1610.18	6,440.71
10	11KV AL 3Cx50 Sq.mm XLPE Round Armoured.	Mtr	25.20	859.00	21,646.80
11	7/12 SWG GI Stay Wire,	Kg	7.71	79.00	609.17
12	11 KV XLPE cable clamp to hold support wire.	No	25.00	22.77	569.28
13	Pole Clamp for Eye hook for XLPE cable.	Pair	4.00	240.00	960.00
14	Eye hook for XLPE cable	No	4.00	75.00	300.00
15	Suspension Clamp for XLPE cable	Pair	4.00	140.00	560.00
16	Conductor dead end clamp suitable for bare messenger XLPE Aerial bunched cable (25-70 mm)	No	2.00	217.00	434.00
17	GI Flat 25 x6 mm for earthing	Kg	24.00	72.00	1,728.00
18	GI Pipe earthing 40 mm dia medium gauge (3.25mm thickness) 3 mtr long	No	3.00	1300.00	3,900.00
19	Earthing coil	No	1.00	164.00	164.00
20	GI Nut , Bolt & Washer of different sizes	Kg	5.00	74.00	370.00
21	100x50x6mm, MS Channel for straight cross arm (1.2mx16 pcs) (9.2kg/mtr)+(0.2mx0 pcs) 99.2kg/mtr) for tapping & cut point pole.	Kg	22.08	78.00	1,722.24
22	Anticlimbing Device (GI barbed with 3kg per support)	Kg	3.00	74.00	222.00
23	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(8x0.59x0.510)	Kg	0.60	78.00	46.80

24	Danger Plate	No	1.00	180.00	180.00
25	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(2x0.59x0.510)	Kg	0.60	78.00	46.80
26	Sundries	LS	1.00	1694.92	1,694.92
A	A. Sub total				54,285.01
B	B. Stock, Storage & Insurance @ 3% of A				1,628.55
C	Sub Total (C=A+B)				55,913.57
D	T&P @ 2% of C				1,118.27
E	Contingency @ 3% of C				1,677.41
F	Transportation @ 7.5% of C				4,193.52
G	Erection Charges @ 20% on PSC poles				747.78
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges @ 10%				5,217.47
J	Total				68,868.01
27	Material for earthing including masanory work for earth pit, salt, charcoal .	No	3	3784.73	11,354.19
28	Concreting of support C.C.,1;1;5;3, 0.375 Cum @ 6648.85/- for PSC Pole.	No	1	2493.32	2,493.32
29	Couping with C.C. 1;1:5:3, 1125Cum @ Rs 6648.85	No	1	748.00	748.00
	Total Rs.				83,463.52
II	LT Line using 4x95+1x95x16mm2 XLPE AB cable =0.215 KM				
1	9 Mtr Long 300 KG PSC Pole	No	7.00	3630.00	25,410.00
2	Base plate for support 20 Kg	No	7.00	361.34	2,529.37
3	8 Mtr Long 200 Kg PSC Pole (for stud)	Kg	4.00	2390.00	9,560.00
4	AB Cable(4x95+1x95+1x16) sq.mm.	Mtr	225.75	422.00	95,266.50
5	Suspension clamp with eye Hook for ABC	pair	7.00	193.00	1,351.00
6	Eye Hook for (XLPE AB Cable)	Pair	7.00	75.00	525.00
7	Pole clamp for eye Hook for (XLPE Cable)	No	7.00	240.00	1,680.00
8	Conductor Dead End Clamp Suitable for bare messenger XLPE AB cable (25-70 sq.mm.)	No	6.00	217.00	1,302.00
9	LT stay Set	Set	1	736.00	736.00
10	LT Stay insulator	No	1	19.00	19.00
11	LT Stay Clamp	Pair	5	350.00	1,750.00
12	7/12 SWG Stay Wire	Kg	8	79.00	632.00
13	GI Nut, Bolt & washer	Kg	14	74.00	1,036.00
14	Earthing coil	No	7	164.00	1,148.00
15	GI barbed wire/Anticlimbing device	Kg	21.00	74.00	1,554.00
16	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	4.21	78.00	328.38
17	Danger Plate	No	7.00	180.00	1,260.00
18	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	4.21	78.00	328.38
19	Sundries	LS	1.00	423.73	423.73
	A. Sub total				1,46,839.36
	B. Stock, Storage & Insurance @ 3% of A				4,405.18
	Sub Total (C=A+B)				1,51,244.54
	T&P @ 2% of C				3,024.89
	Contingency @ 3% of C				4,537.34

	Transportation @ 7.5% of C				11,343.34
	Erection Charges @ 20% on PSC poles				7,203.82
	Erection Charges of DTR and Joist Poles @ 5%				
	Erection Charges @ 10%				11,522.54
	Total				1,88,876.47
20	Cement concreteing for stud/stay anchor plate with C.C. 1:2:4, 0.2 Cum @ 6500.00	No	1	1300.00	1,300.00
21	Couping with C.C. 1;1:5:3, 1125Cum @ Rs 6648.85 (J),	No	7	748.00	5,236.00
22	Concreting of support C.C. 1;1;5:3, 0.375 Cum @ 6648.85/- (K)	No	7	2493.32	17,453.25
	S. Total Rs				2,12,865.73
III	INSTALLATION OF 63 KVA S/S.				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2.00	27300.82	54,601.64
2	Pressure Channel (100x50x6) mm 2.8mtr . Long 2nos (9.56 Kg/Mtr) with Galvanizing	Kg	51.52	78.00	4,018.56
3	AB Swich & HG Fuse mounting GI Channel 75x40x6mm, 2.8mtr long 4Nos	kg	76.16	78.00	5,940.48
4	Cantilever GI channel for supporting HG fuse 75x40x6 mm., MS Angle 1mtr long 2Nos (6.8kg/mtr)	Kg	13.6	78.00	1,060.80
5	Cantilever GI channel for supporting HG fuse 500x50x6 mm., MS Angle 1mtr long 2Nos (4.5kg/mtr)	Kg	9	69.00	621.00
6	GI Angle for cantilever arrangement for AB switch and HG fuse 50x50x6 mm 2mtr long each , 2Nos long each, 2Nos (4.5kg/mtr) .	Kg	18	69.00	1,242.00
7	GI Angle for mounting LT distribution box (50x50x6) mm (4.5Kg/Mtr) .	Kg	13.5	69.00	931.50
8	H/W fitting 70KN , 3Bolt	Pair	3	412.00	1,236.00
9	11 KV 5KN Polymer pin insulator	No	3	140.00	420.00
10	11 KV AB switch (200 Amp, 3 pole, 50 HZ)	Set	1	9080.00	9,080.00
11	11 KV HG Fuse (200 Amp, 3 pole) with PI	Set	1	6037.00	6,037.00
12	11 KV LA (9 KV,10 KA,) Station Class	No	3	1960.00	5,880.00
13	LT Distribution Box for 63 KVA S/S	No	1	26990.00	26,990.00
14	HT Stay Set (Complete)	Set	2	1434.00	2,868.00
15	Stay Insulator	No.	2	87.00	174.00
16	Stay Clamp	Kg	2	260.00	520.00
17	7/10 SWG Stay Wire	KG	20	77.00	1,540.00
18	55sq.mm. AAA conductor for jumpering	Km	0.05	43360.00	2,168.00
19	Wedge Connector for 55mm2 AAAC	No	6	100.00	600.00
20	40mm nominal bore GI pipe (medium gauge) earthing device with 3 mtr long.	No	7	1300.00	9,100.00
21	Earthing Coil	No	2	164.00	328.00
22	25x6 mm GI flat	Kg	84	72.00	6,048.00
23	GI Bolts, Nuts & washers	Kg	25	74.00	1,850.00
24	63KVA, 11/0.4 KV (AL) Transformer BIS Energy Level-II.	No	1	141309.00	1,41,309.00
25	1.1KV AL 1Cx50, 50 sq.mm. XLPE (Unmoured)	Mtr	40	60.00	2,400.00
26	Base plate	No	2	361.34	722.68
27	GI barbed wire/Anticlimbing device	Kg	6	74.00	444.00
28	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	4.81	78.00	375.53
29	Danger Plate	No	2	180.00	360.00

30	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length	Kg	1.20	78.00	93.60
31	Sundries	Ls	1.00	1694.92	1,694.92
A	A. Sub total				2,90,654.70
B	B. Stock, Storage & Insurance @ 3% of A				8,719.64
C	Sub Total (C=A+B)				2,99,374.34
D	T&P @ 2% of C				5,987.49
E	Contingency @ 3% of C				8,981.23
F	Transportation @ 7.5% of C				22,453.08
G	Erection Charges @ 20% on PSC poles				
H	Erection Charges of DTR and Joist Poles @ 5%				10,089.40
I	Erection Charges @ 10%				9,758.64
J	Total				3,56,644.17
32	Material for masonry work for earth including masonry work for earth, pit, salt, charcoal etc	Ls	7	3784.73	26,493.10
33	Concreting of support C.C., 1;1;5;3, 0.37 Cum @ 6648.85/- for WPB Pole(11 Mtr WPB pole)	No	2	2991.98	5,983.97
34	Couping with C.C. 1;1:5:3, 1125Cum @ Rs 6648.85	No	2	748.00	1,496.00
35	Cement concreteing for stay anchor plate with C.C. 1:2:4, 0.2 Cum @ 6500.00	No	2	1300.00	2,600.00
36	Construction of plinth for new plinth mounted DSS	No	1	28000.00	28,000.00
37	Construction of Brick Boundary wall & grill gate with Civil & MS Metal & sand Spreding and metal spreading to the new Plinth mounted DSS	Rm	12	7300.12	87,601.42
	S. Total				5,08,818.66
	Sub Total Rs.				8,05,147.91
	Cess @ 1%				8,051.48
	Total Estimated Cost				8,13,199.39
	Total Estimated Cost in Figures				8,13,199.00
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)