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 :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 12-F TYPE STAFF QUARTERS AT BALIANTA FIRE STATION IN THE DISTRICT OF KHORDHA.

BID REF NO :- 58/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.
I	**INSTALLATION OF 250 KVA S/S.**				
1	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	No.	3	240.00	720.00
2	EYE hook for XLPE Aerial bunched Cable	No.	3	75.00	225.00
3	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No.	3	217.00	651.00
4	LT Stay set Complete	SET	1	736.00	736.00
5	7/12 SWG GI stay wire, Grade -2	KG	12	79.00	948.00
6	LT stay Clamp	No.	1	350.00	350.00
7	LT Stay insulator	No.	1	19.00	19.00
8	250 KVA , 11/ 0.4 KV (CU) Transformer, BIS Energy Loss level II, Ammendment-4	No.	1	619789.00	619789.00
9	LT Distribution Box for 250 KVA S/S	No.	1	55267.00	55267.00
10	55 SQ.MM. AAAC XLPE Covered Conductor	Mtr.	50	101.00	5050.00
11	1 Cx 630 mm2 LT XLPE Cable(Un-Armoured)	Mtr.	60	642.00	38520.00
12	1.1kV, 4Core, 150 sqmm, XLPE insulation armoured - Aluminium UG cable from LTDB to Pole	Mtr.	40	850.00	34000.00
13	HDPE pipe of 110 mm diameter, PE 80- PN8	Mtr.	20	261.00	5220.00
14	Wedge connector for 100 sq. mm AAAC	No.	3	100.00	300.00
15	Polycarbonate Bird guard	No.	3	21.00	63.00
16	Gi Pipe Earthing 40mm. 3 Mtr. Long	EA	2	1300.00	2600.00
17	GI Nuts & Bolts of Assorted size	KG	10	74.00	740.00
18	GI Barbed wire/Anticlimbing device	KG	6	74.00	444.00
19	Danger plate 11kv	EA	2	180.00	360.00
A				**A. Sub total**	**7,66,002.00**
B				**B. Stock, Storage & Insurance @ 3% of A**	**22,980.06**
C				**Sub Total (C=A+B)**	**7,88,982.06**
D				**T&P @ 2% of C**	**14,082.35**
E				**Contigency @ 3% of C**	**23,669.46**
F				**Transportation @ 7.5% of C**	**59,173.65**
G				**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**	**31,919.13**
H				**Erection Charges @ 20% on PSC Poles**	

I				**Erection Charges @ 10% for other materials**	**6,573.46**
J				**Total**	**9,24,400.11**
20	PCC ratio 1:3:6(M-10 Grade) For DSS Area	Cu. Mtr	3.1985	5247.48	16,784.06
21	Supplying , Laying , spreading and compacting with hand roller stone aggregate of specified sizes: 63 mm to 45 mm size stone aggregate.	Cu. Mtr	3.1985	3000.00	9,595.50
22	Fixing of LT complete Stay Set with all accessories and civil works	No.	1	2301.53	2,301.53
23	Construction of Earthing chamber incuding earthing pipe and civil works	No.	2	3784.73	7,569.46
24	LTDB Plinth	No.	1	11354.57	11,354.57
25	DTR Plinth	No.	1	70988.27	70,988.27
26	Laying of 110 mm dia PE 80-PN8, HDPE pipe inside open trench.	Mtr.	20	195.00	3,900.00
27	Laying of 4 Cx150 mm2 LT XLPE Cable	Mtr.	40	60.00	2,400.00
28	Laying of 1.1 KV cable from 400 -1000 sq. mm	Mtr.	60	70.00	4,200.00
29	SITC of Aluminium Lugs suitable for 630 sq mm cable/conductor	No.	8	460.31	3,682.48
30	SITC of Aluminium Lugs suitable for 150 sq mm cable/conductor	No.	16	156.50	2,504.00
31	SITC of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 300-1000 sqmm	No	8	1227.48	9,819.84
32	SITC of termination kit of 1.1kV 3.5C/4C 150-240 sqmm	No.	2	4920.00	9,840.00
33	SITC of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 120-185 sqmm	No	2	2230.00	4,460.00
	Earth work excavation of soil -Route Length				
34	Earth work excavation of **soil**	Cu. Mtr	2.1	716.03	1,503.66
35	Earth work excavation of **hard rock**	Cu. Mtr	0.9	1759.39	1,583.45
36	Back filling with excavated soil outside and above the trench	Cu. Mtr	3	220.00	660.00
37	Painting of Pole in Black & Yellow strips/Zebra	No.	2	283.34	566.68
38	GIS coordinate mapping, drawing preparation and submission of the same for DSS.	No.	1	1000.00	1,000.00
39	SITC of DCP Extinguisher (6KG)	No	1	4500.00	4,500.00
40	SITC Display Board/Sign Board	No	1	3640.00	3,640.00
	Boundary wall				
41	Boundary wall fencing for DSS	RM	4	11173.88	44,695.52
				Total Rs	**2,17,549.03**
				Sub total Rs	**11,41,949.14**
III	**LT Line using 4C×70 mm² (P)+1CX70 mm²(M)+1CX16 mm²(Street Light) (LT AB Cable)- -0.35 Km**				
1	9 Mtr Long 300 KG PSC Pole	No	2	3630.00	7,260.00
2	GI flat for danger Plate and anticlimbing Device	Kg	4	78.00	276.12
	LT Accessories with Eye Hook and Clamp				
3	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	18	240.00	4,320.00
4	EYE hook for XLPE Aerial bunched Cable	No	6	75.00	450.00
5	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	6	217.00	1,302.00
6	Suspension Clamp with EYE hook for ABC	No	12	193.00	2,316.00
7	4C×70 mm² (P)+1CX70 mm²(M)+1CX16 mm²(Street Light)(Street Light) (LT AB Cable)	Mtr	367.5	311.00	1,14,292.50

8	10 way service Distribution Box	Nos.	2	920.00	1,840.00
9	Insulated piercing connector.Type-A-main 50 to 150 sq.mm & Tap-50 to 150 sq.mm	No	7	113.08	791.56
10	Coil Earthing	No	2	164.00	328.00
11	Danger plate (LT)	No	2	180.00	360.00
12	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	6	74.00	444.00
13	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	Kg	74	7.50	555.00
A				**TOTAL MATERIAL COST**	**1,34,535.18**
B				**Stock, Storage & Insurance @ 3% of A**	4,036.06
C				**Sub Total (C=A+B)**	**1,38,571.24**
D				**Contingency @3% of C**	**4,157.14**
E				**T & P 2% of C**	**2,771.42**
F				**Transportation @ 7.5% of C**	**10,392.84**
G				**Erection Charges for PSC Pole @ 20%**	1,495.56
H				**Erection Charges of DTR and Joist Poles @ 5%**	
I				**Erection Charges of other @ 10%**	13,109.35
J				**Sub Total Rs.**	**1,70,497.55**
Civil and Services Works (As per Technical Specification)					
14	Concreting of Pole @ 1:1.5:3(M-20 Grade)	Cu.Mtr	0.75	6648.85	4,986.64
15	Painting of Pole in Black & Yellow strips/Zebra	No	2	283.84	567.68
16	GIS Mapping, indexing/numbering of Poles	No	2.00	836.00	1,672.00
17	GIS Coordinate mapping drawing preparation and subnission of the same for New Existing line	CKM	**0.35**	**10470.00**	**3664.50**
K				**Total Services Cost**	**10,890.82**
				Total Material + Services Cost (J+K)	**1,81,388.37**
1	Dismantling of existing 11/0.4kV, 33/0.4KV, Three Phase Distribution Transformer 63KVA including removal of HT/LT leads, earth connections and unloading by crane if required.	**No.**	**1**	**1841.22**	**1,841.22**
				TOTAL MATERIAL COST	**13,25,178.73**
	Cess @ 1%				**13,251.79**
	Total Estimated Cost				**13,38,430.52**
	Total Estimated Cost in Figures				**13,38,431.00**
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)