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 :- 03 AS PER IFB

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

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	CONSTRUCTION OF 11 KV LINE .				
1	9 Mtr Long 300 Kg PSC Pole	No	2	3630.00	7,260.00
2	RCC Base Plate for support	No	2	361.34	722.68
3	11 KV V Cross Arm	No	2	851.00	1,702.00
4	Back Clamp for 11KV V cross Arm	No	2	140.00	280.00
5	11 KV F clamp GI	No	2	135.00	270.00
6	11 KV Pin insulator polymer	Nos	6	140.00	840.00
7	Disc insulator 70KN B&S polymer	Nos	3	150.00	450.00
8	H W fittings 70 KN (3bolted)	Set	3	412.00	1,236.00
9	Earthing for support (Coil type)	No	2	164.00	328.00
10	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.52	74.00	38.78
11	Danger Board	No	2	180.00	360.00
12	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.602	74.00	44.55
13	GI barbed wire/Anticlimbing device spike type	kg	6	74.00	444.00
14	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.407	111.00	267.18
15	50/55 sqmm XLPE insulated Covered Conductor	Mtr	157.50	101.00	15,907.50
16	Tension assembly wedge type with anchoring Clamp for 11 KV 55 sqmm covered conductor	Ea	3.00	880.00	2,640.00
17	IPC for 50/55 sq.mm AAA Conductor for covered conductor	No	3.00	550.00	1,650.00
18	Non Metalic Ties 11 KV For Covered conductor	No	6.00	110.00	660.00
19	HT stay set (complete)	Set	1	1434.00	1,434.00
20	Stay insulator	No	1	87.00	87.00
21	Stay Clamp	Pair	1	260.00	260.00
22	7/10 SWG GI stay wire	Kg	10	77.00	770.00
23	GI Nut , Bolt & Washer of different sizes	Kg	2	74.00	148.00

24	100x50x6 mm GI Channel for straight Cross arm 1.2mtr each 02nos & 0.3 mtr long 02 nos including tapping point	Kg	55.2	78.00	4,305.60
25	Fish plate 50x8mm, 3.14 Kg/mtr, each 0.300 Mtr length.	Kg	3.768	78.00	293.90
26	Black paint	Ltr	0.50	212.77	106.39
27	Yellow Paint	Ltr	1	212.77	212.77
28	Sundries (Binding tapes & other etc.)	Ls	1	169.49	169.49
				Total Rs.	**43,270.09**
II	**Construction of3 Ph 5 W LT AB Cable (3x50+1x35+1x16 sq.mm.)=0.280Km**				
29	8 Mtr. Long 200 KG PSC Pole	No	9	2390.00	21,510.00
30	RCC Base plate for PSC Pole	No	9	361.34	3,252.05
31	LT Stay Set (Complete)	Set	3	736.00	2,208.00
32	L.T Stay Insulator	No	3	19.00	57.00
33	L.T Stay Clamp	No	3	350.00	1,050.00
34	7/12 SWG Stay Wire	Kg	12	79.00	948.00
35	3x50+1x35+1x16 mm2 LT XLPE AB cable	Mtr.	294	186.00	54,684.00
36	Pole Clamp For Eye hook for XLPE AB Cable.	No	10	240.00	2,400.00
37	Eye Hook for XLPE Aerial cable	No	10	75.00	750.00
38	Dead End Clamp	No	6	217.00	1,302.00
39	Susp. Clamp for LT AB cable	No	4	140.00	560.00
40	Earthing for support (Coil type)	No	9	164.00	1,476.00
41	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	2.358	87.32	205.91
42	GI Nut , Bolt & Washer of different sizes	Kg	9.8	74.00	725.20
43	GI barbed wire/Anticlimbing device	Kg	27	74.00	1,998.00
44	Back Clamp for ACD	Kg	10.83	72.00	779.90
45	Danger Board	No	9	180.00	1,620.00
46	Back Clamp for Danger board	Kg	2.71	72.00	194.98
47	Black paint	Ltr	4.5	212.77	957.47
48	Yellow paint	Ltr	9	212.77	1,914.94
49	Sundries & minor materials	Ls	1	423.73	423.73
				Total Rs.	**99,017.18**
III	**Installation of 100 KVA 11/0.4KV Sub Station - 1 No.**				
50	9 Mtr Long 300 Kg PSC Pole	No	2	3,630.00	7,260.00
51	RCC Base plate for PSC Pole	No	2	361.34	722.68
52	Earthing of support Coil Type	No	2	164.00	328.00
53	No. 8 GI wire for earthing	Kg	0.524	74.00	38.78
54	Top Pressure Channel 100x50x6mm of 2.8Mtr Long 02 Nos	Kg	51.52	78.00	4,018.56
55	Bracing Channel (75x40x6)mm GI 2.8 mtr long 2nos (@6.8Kg/Mtr)	Kg	38.08	78.00	2,970.24
56	Bracing Angle for 50x50x6mm, 4 mtr long each, 2Nos (4.5kg/mtr) with galvanisation Charges.	kg	31.5	78.00	2,457.00
57	AB switch & HG Fuse, Mounting GI Channel 75x40x6 - 2.8mtr long, 4nos (@6.8kg/mtr)	Kg	76.16	78.00	5,940.48
58	Cantilever Channel for supporting HG Fuse 75x40x6mm MS Angle 1.mtr Long 2Nos (6.8Kg/mtr)	Kg	13.6	78.00	1,060.80
59	Angle for cantilever arrangement for HG fuse 50x50x6mm 1.5 mtr long each,2Nos (4.5kg/mtr) with Galvanisation charges	Kg	13.5	78.00	1,053.00
60	Angle for Mounting of LTDB box 50x50x6 mm 3mtr long each ,(4.5kg/Mtr) with Galvanized charges.	Kg	9	78.00	702.00

61	AB Switch Side Support Channel 100x50x6mm,9.2Kg/mtr., each channel length 0.35mtr ., 2nos channel required.	Kg	6.44	78.00	502.32
62	Channel Support for down Pipe 75x40x6mm, (6.8Kg/mtr)., each Channel length 0.8mtr., 1nos channel required.	Kg	5.44	78.00	424.32
63	11KV, 70KN Polymeric Disc insulator (B&S)	No	3	150.00	450.00
64	Hard ware fittings B&S type 70KN (4Bolted)	kg	3	412.00	1,236.00
65	11KV AB switch 3Pole, 400A	Set	1	10,972.00	10,972.00
66	11KV HG Fuse 3Pole, 200A	Set	1	6,037.00	6,037.00
67	Lightning Arrester 9KV, 10KA (Station Class-Ii) without Surge counter.	Nos	3	1,508.00	4,524.00
68	HT Stay Set (Complete)	Set	4	1434.00	5,736.00
69	HT Stay Insulator	No.	4	87.00	348.00
70	HT Stay Clamp(1.95 K.g/Pair)	Pair	4	260.00	1,040.00
71	7/10 SWG Stay Wire	KG	40	77.00	3,080.00
72	GI Pipe for earthing 40mm dia 3mtr long	No	7	1300.00	9,100.00
73	GI Flat 25x4 mm	Kg	10	72.00	720.00
74	GI Flat 25x6 mm	Kg	60	72.00	4,320.00
75	55mm2 AAAC	Km	0.05	43360.00	2,168.00
76	Wedge Connector for 55 sqmm conductor	No	3	100.00	300.00
77	GI Nut, Bolt & washers of different sizes	Kg	25	74.00	1,850.00
78	100 KVA , 11/0.4 KV(AL) Transformer BIS Energy Level-II	No	1	189025	1,89,025.00
79	LT Distribution Box (GI) for 100KVA S/S	Nos	1	31,086.00	31,086.00
80	1Cx120mm2 LT XLPE Cable 4nos 10mtr each	Mtr	40	123.00	4,920.00
81	Danger Board	Nos	2	180.00	360.00
82	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.602	72.00	43.34
83	GI barbed wire/Anticlimbing device	kg	2	74.00	148.00
84	Back Clamp for ACD	Kg	2.407	72.00	173.30
85	Black colour paint	Ltr	0.5	212.77	106.39
86	Yellow paint	Ltr	1	212.77	212.77
87	Sundries	LS	1	423.73	423.73
	Total Rs.				**3,05,857.71**
				A. Sub total	**4,48,144.98**
B				**Stock, Storage & Insurance @ 3% of A**	13,444.35
C				**Sub Total (C=A+B)**	**4,61,589.33**
D				**Contingency @3% of C**	**13,847.68**
E				**T & P 2% of C**	**9,231.79**
F				**Transportation @ 7.5% of C**	**34,619.20**
G				**Erection Charges for PSC Pole @ 20%**	**7,422.18**
H				**Erection Charges of DTR and Joist Poles @ 5%**	**9,734.79**
I				**Erection Charges of other @ 10%**	**22,938.00**
J				**Sub Total Rs.**	**5,59,382.96**
	Civil Items				

88	Stay concreting in ratio1:2;4 (0.5x0.5x0.8) mtr as per TPSODL specification and drawing=0.2Cum. @6500=0.2x6500=Rs 1300 9Excl GST)	No	8	1300.00	10,400.00
89	Civil cost for making TRF plinth from 250KVA of upto 1000KVA. Provide necessary civil material, manpower, machinery for construction of plinth as per standard drawing	No	1	32181.60	32,181.60
90	Concreting of PSC pole in ratio 1:1:5:3 (500mmx500mmx1500mm)=0.375 Cu. Mtr @ 6648.85=Rs 2493.32 + Couping in Ratio 1:1:5:3 =0.1125Cum @ 6648.85=Rs 748. Concreting +Couping (2493.32+748)= Rs 3241.31 (Excluding GST)	No	13	3241.31	42,137.08
91	Material for masonary work for earth pit, and cement plate cover including salt, charcoal etc.	Nos	7	3784.73	26,493.10
92	Construction of Brick boundary wall for fencing of DPM Sub-Station insize of 3x3mtr @7300.12 9excl GST)/RM	No	12	7300.12	87,601.42
93	Survey and digitization of New DSS network and its internals including attrubutes.	No	1	6,883.00	6,883.00
94	Survey of incremental/delta network for HT line.	Km	0.05	9,633.00	481.65
95	Survey of incremental/delta network for LT line.	Km	0.28	9,633.00	2,697.24
					2,08,875.09
	Sub Total Rs.				**7,68,258.05**
	Cess @ 1%				**7,682.58**
	Total Estimated Cost				**7,75,940.63**
	Total Estimated Cost in Figures				**7,75,941.00**
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)