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 CYBER POLICE STATION AND 6-E TYPE STAFF QUARTERS AT NEW TALUKA COLONY, BRAHMAPUR IN THE DISTRICT OF GANJAM.

BID REF NO.- 56/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-I	**Installation of 100KVA 11/0.4KV sub station -1 No.**				
1	11 Mtr WPB (160x152 MM)(30.44 Kg/mtrGI with base plate & stiffner (10.74kg)	Kg	691.16	79.00	54601.64
2	Earthing support (coil type)	No	2	164.00	328.00
3	No-8 GI Wire Dia 4.6mm 0.131 Kg/mtr-2mtr each pole connecting pole with coil earthing.	Kg	0.524	74.00	38.78
4	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	78.00	4018.56
5	DP structure supporting GI channel100x50x6 mm each 2.8mtr Long @9.2kg/mtr) x4Nos	Kg	103.04	78.00	8037.12
6	Angle for cross bracing 50x50x6mm Angle (3.5mtrs Long 2nos) @ 4.5kg/mtr	kg	31.5	78.00	2457.00
7	AB switch and HG fuse mounting GI channel 75x40x6mm,2.8mtr long 4nos (6.8kg/mtr)	Kg	76.16	78.00	5940.48
8	Cantilever GI Channel for supporting AB Switch arm, 75x40x6-1 mtr long 2nos (6.8Kg per mtr)	Kg.	13.6	78.00	1060.80
9	Cantilever GI angle for supporting AB switch 50x50x6mm MS Angle (2 mtr. Long 2 Nos.) (4.5 kg./mtr.)	Kg.	18	78.00	1404.00

10	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,2.5 Mtrs each Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	22.5	78.00	1755.00
11	11KV Disc insulator (B&S) 70KN polymer	No	3	150.00	450.00
12	11KV HW fittings (B&S) 3bolted bolt	No	3	412.00	1236.00
13	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	10972.00	10972.00
14	Lightning Arrester (9KV, 10KA) Station Class	No	3	1508.00	4524.00
15	HG Fuse (11kv,200A, 3pole, 50Hz) polymer type insulator (Horizontal Mount)	Set	1	6037.00	6037.00
16	HT stay set (Complete)	Set	4	1434.00	5736.00
17	HT Stay Insulator	No	4	87.00	348.00
18	HT Stay clamp (1.95Kg/mtr)	No	4	260.00	1040.00
19	7/10 SWG GI Saty wire.	Kg	40	77.00	3080.00
20	100 KVA, 11/0.4 KV (AL) Transformer with off load Tap changer BIS Energy Level-II	No	1	189025.33	189025.33
21	LT Distribution Box with MCCB, Aluminium Bus Bar for 2 bay with Kitkat fuse for 100 KVA S/S .	No	1	31086.00	31086.00
22	1Cx185 sq. mm LT XLPE cable (Armoured)	Mtr.	32	476.00	15232.00
23	55 mm2 AAAC	KM	0.05	62540.00	3127.00
24	GI Pipe earthing 40mm Dia Medium gauge 3 mtrs long for earthing device	No	7	1300.00	9100.00
25	25x4 mm GI flat earthing	Kg	24	72.00	1728.00
26	25x6mm GI Flat for Sub Station earging	Kg	60	72.00	4320.00
27	GI Nuts, Bolts and washers of assorted size	Kg	25	74.00	1850.00
28	Danger Board	No.	2	180.00	360.00
29	GI Barbed wire anticlimbing device 3Kg per support.	Kg	6	74.00	444.00
30	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	78.00	187.75
31	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	78.00	46.94
32	Black Paint	Ltr.	1	212.77	212.77
33	Yellow Paint	Ltr.	1	212.77	212.77
34	Sundries (Paint,Al. Binding tape , wire insulating tape, clamp connector, jumpering materials, socket & other accessories etc.)	LS	1	1000.00	1000.00
					370996.93

PART-II	**Construction of 11KV Line with 55mm2 AAA Conductor-0.020KM with 01 nos of 13mtr WPB Pole**				
35	13 Mtr WPB (160x152mm2) (30.44kg per meter) GI with base plate & stiffner (10.74kg) for 01 no pole.	Kg	406.46	79.00	32110.34
36	Earthing Device coil type GI	No	1	164.00	164.00
37	11KV V cross arm (10.5kg)	No	3	851.00	2553.00
38	Back clamp for V cross arm (GI)	Kg	3.000	140.00	420.00
39	11KV Pin insulator polymer.	No	3.000	140.00	420.00
40	11KV Disc insulator (B&S) 70KN polymer	No	3.00	150.00	450.00
41	11KV hard ware fittings 70KN (B&S)	No	3	412.00	1236.00
42	GI Nuts, Bolt and washer	Kg	5	74.00	370.00
43	55mm2 AAAC conductor	Km	0.062	43360.00	2688.32
44	Danger Board	No	1	180.00	180.00
45	GI Barbed wire anticlimbing device 3Kg per support.	Kg	3	74.00	222.00
46	GI clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	0.306	78.00	23.87
47	GI clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.6 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.22	78.00	95.16
48	Black Paint	Ltr.	1	212.77	212.77
49	Yellow Paint	Ltr.	1	212.77	212.77
50	Sundries	LS	1	500.00	500.00
					41858.23
PART-III	**Construction of LT 3ph 5 W line using 3x50+1x35+1x16 sqmm XLPE AB Cable=0.220 Mtr**				
51	9 Mtr. Long 300KG PSC Pole	No	8	3630.00	29040.00
52	8 Mtr. 200KG PSC Pole (for Stud Pole)	No	1	2390.00	2390.00
53	RCC Base Plate for PSC Pole.	No	8	408.00	3264.00
54	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	2.100	74.00	155.40
55	Earthing Device coil type GI	No	8	164.00	1312.00
56	Pole Clamp for Holding of Supporting of Eye Hook and dead End Clamp.	No	16	240.00	3840.00
57	Suspension clamp with Eye Hook for ABC	Pair	7	140.00	980.00
58	Dead end clamp suitable for XLPE cable	No	13	217.00	2821.00
59	Cap Cable End for ABC 50 Sqmm	No	8	9.17	73.36
60	Piercing Connector Type B main	No	21	36.93	775.53
61	Neutral connector	No	7	48.84	341.88
62	3x50+1x35+1x16 sqmm LT XLPE AB Cable	Mtr	294.00	186.00	54684.00
63	L.T Stay set (Complete)	Set	4	736.00	2944.00
64	L.T Stay Insulator	No.	4	87.00	348.00
65	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	350.00	1400.00
66	7/12 SWG Stay Wire	Kg	28	79.00	2212.00

67	Distribution Box LT Polycarbonate 10 way	No	7	920.00	6440.00
68	Buckles for steel strap	No	0.35	705.00	246.75
69	Steel Strap Size 20mmx50m Long	Rol	0.35	1584.03	554.41
70	Danger Board	No.	8	180.00	1440.00
71	GI Barbed wire anticlimbing device 3Kg per support.	Kg	24	74.00	1776.00
72	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	9.63	111.00	1068.93
73	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.81	111.00	533.91
74	GI Nuts, Bolt and washer	Kg	20	74.00	1480.00
75	Black Paint	Ltr.	4.00	212.77	851.08
76	Yellow Paint	Ltr.	4	212.77	851.08
77	Sundries & minor materials	LS	1	1000.00	1000.00
					122823.34
				A.Sub Total Rs.	**5,35,678.50**
B	Stock,storage and insurance (@3% on A)				**16070.35**
C	TOTAL RS.				**551748.85**
D	T&P @ 2% of C				**11034.98**
E	Contigency @ 3% of C				**16552.47**
F	Transportation @ 7.5% of C				**41381.16**
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				**44211.23**
H	TOTAL RS.				**664928.69**
	Civil items				
78	Boundary wall with sand fillimg and metal spreading Fixing of iron gril gate with locking arrangement etc as per TPSODL specification	RM	18	7300.12	131402.16
79	Civil cost for making TRF plinth for 100 KVA, provide necessary civil material, manpower, machinery for construction of plinth as per standard drawing.	No	1	32181.10	32181.10
80	Couping with C.C 1:1;5;3 1.1125 Cum @ Rs6648.85.	No	11	748.00	8228.00
81	Concreting of support C.C 1:1:5;3 , 0.45 Cum @6648.85/- for 11 Mtr WPB Pole	No	3	2991.98	8975.94
82	Concreting of poles in ratio 1;1;5;3 for 9 mtr PSC Pole	No	8	2493.32	19946.56
83	Cement Concreting for stay anchor plate with C.C 1:2:4 ,0.2 Cum @ 6177.92	Nos.	9	1300.00	11700.00
84	Material for masonary work for earth pit, with charcoal, salt etc and RCC slab cover.	Pit	7	1600.00	11200.00
85	Survey of incremental/delta Network and asset changes of 11 KV Network and updation in GESW databases.	Km	0.02	9633.00	192.66

86	Survey of incremental/delta Network and asset changes of LT Network and updation in GESW databases.	Km	0.28	9633.00	2697.24
87	Survey and digitization of New DSS and its internals including attrubutes	No	1	6883.00	6883.00
88	Survey and digitization of New MCCB/LTDB and its internals including attrubutes	No	1	6883.00	6883.00
				Sub Total Rs.	**9,05,218.35**
	Cess @ 1%				**9,052.18**
	Total Estimated Cost				**9,14,270.53**
	Total Estimated Cost in Figures			-	**9,14,271.00**

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)