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 :- 06 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO ATAL BUS STAND AT POTTANGI UNDER POTTANGI BLOCK IN THE DISTRICT OF KORAPUT.

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.
I	**Construction of 11KV Line**				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	25	27300.82	6,82,520.55
2	WPB GI Pole160X152(9 Mtr. Long ,30.44 Kg/Mtr.) (Strut Pole)	No	6	22491.30	1,34,947.78
3	Ties for 11 KV Covered conductor	No.	44.00	110.00	4,840.00
4	11 KV V cross Arm GI	No.	13.00	851.00	11,063.00
5	Back clamp for 11 KV V cross Arm	No.	13.00	140.00	1,820.00
6	Top Bracket 100x50x5 mm GI Channel	No.	21.00	81.00	1,701.00
7	Danger Plate	No	31.00	180.00	5,580.00
8	Back Clamp for danger Plate 25x3mm Flat	Kg	9.33	78.00	727.58
9	GI barbed wire/Anticlimbing device	Kg	93.00	74.00	6,882.00
10	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	37.31	78.00	2,910.34
11	11 KV, 5 KN Pin insulator Polymer	No	49.00	140.00	6,860.00
12	Earthing of Support (Coil Type)	No	31.00	164.00	5,084.00
13	No-8 GI wire (0.131 Kg/mtr.)	Kg	8.12	74.00	601.03
14	IPC for Covered Conductor 11 KV	No	18.00	900.00	16,200.00
15	Conductor XLPE insulated AAA conductor	Ckm	1.85	125000.00	2,31,750.00
16	St. X Arm Channel 100x50x5 mm 9.56Kg/mtr	Kg	160.61	78.00	12,527.42
17	St. X Arm Top Channel 100x50x5 mm 9.56Kg/mtr	Kg	40.96	78.00	3,194.49
18	Fish Plate 50x8mm,each 0.280mtr Length	Kg	24.62	78.00	1,920.28
19	Tension assembly and Wedge Clamp 11KV 55-100mm2 CVD	set	18	880.00	15,840.00
20	Disc Insulator 90KN Polymer	No.	18	289.00	5,202.00
21	HT Stay Clamp	Pair	3.00	260.00	780.00
22	HT 11 KV Stay Set (Complete)	No	3.00	1434.00	4,302.00
23	H.T Stay insulator	No	3.00	87.00	261.00
24	7/10 SWG Stay Wire , 15 Kg/stay	Kg	30.00	77.00	2,310.00
25	LA 12 KV, 10 KA station class	No	3.00	1960.00	5,880.00
26	GI Pipe earthing 40 mm dia, 3 Mtr. Long	No	2.00	1300.00	2,600.00

27	50x6mm GI Flat for earthing ,2.36Kg/mtr	Kg	23.60	72.00	1,699.20
28	GI, Nut, Bolt washer of different size.	Kg	94.90	74.00	7,022.60
29	3Cx50 mm2 11KV XLPE Cable (Armoured), A2XwaY	Mtr	420.00	859.00	3,60,780.00
30	HS Jt Kit O/D 3Cx50mm2 11KV XLPE Cable	No	4.00	2060.00	8,240.00
31	7/12 SWG GI Stay wire , Grade-2	Kg	200.00	79.00	15,800.00
32	Pole clamp for eye Hook for XLPE cable	pair	22.00	240.00	5,280.00
33	Eye hook	No	22.00	75.00	1,650.00
34	Straight Cross Arm GI Channel 100x50x6 mm 9.56Kg/mtr	Kg	126.19	78.00	9,842.98
35	J clamp for XLPE cable	No.	400.00	80.00	32,000.00
36	Clamp for Support Strut Pole.	Pair	12.00	260.00	3,120.00
37	Black paint	Ltr	15.50	212.77	3,297.74
38	Yellow colour paint for Background	Ltr	31.00	212.77	6,595.91
39	Sundries(Binding wire, Tree trimming)	Set	2.00	1000.00	2,000.00
					16,25,632.90
	INSTALLATION OF 250 KVA S/S.				
40	250 KVA ,11/0.4 KV (CU) TRF BIS Level-II	No	1	619789.00	6,19,789.00
41	Pole WPB GI 160x152mm 11 Mtr (30.44 Kg/mtr)	No	2	27300.82	54,601.64
42	Top Channal 100x50x5mm	Kg	53.536	78.00	4,175.81
43	Bracing channel	No	107.072	78.00	8,351.62
44	AB Swich Mounting Channel 75x40x6mm GI	kg	39.984	78.00	3,118.75
45	HG Fuse mounting Channel 75x40x6mm	Kg	39.984	78.00	3,118.75
46	Bracing Angle 50x50x6 mm	Kg	31.5	78.00	2,457.00
47	AB Switch OP Pipe channel Supp 75x40x6mm	Kg	4.46	78.00	348.11
48	AB Swich Bottom Supp. channel 75x40x6mm	Kg	4.712	78.00	367.54
49	Braking Supporting Channel--Op Pipe 50x8 mm	Kg	1.549	72.00	111.53
50	Supp. Channel TPMO OP Rod 75x40x6mm	Kg	5.541	78.00	432.20
51	LT DB Supporting channel 75x40x4.8 mm	Kg	21.42	78.00	1,670.76
52	Fish Plate 50x8 mm	kg	5.275	78.00	411.45
53	Back Clamp for LTDB of Length	No	5.03	78.00	392.34
54	Danger Plate	Kg	2	180.00	360.00
55	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	78.00	46.96
56	GI barbed wire/Anticlimbing device	Kg	6	74.00	444.00
57	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	No	2.407	78.00	187.75
58	LA 12KV, 10KA, DH Class	Set	3	1960.00	5,880.00
59	11 KV AB switch (400 Amp, 3 pole, 50 HZ)	Set	1	10972.00	10,972.00
60	11 KV HG Fuse (400 Amp, 3 pole)	No	1	8093.22	8,093.22
61	LT Distrubution Box with MCCB, Aluminim Busbar for 250 KVA S/S.	No.	1	55267.00	55,267.00
62	11 KV 5KN pin Insulator Polymer	No	3.00	140.00	420.00
63	Earthing of Support (Coil Type)	No	2.00	164.00	328.00
64	No-8 GI wire (0.131 Kg/mtr.)	Kg	0.262	74.00	19.39
65	HT Stay Clamp(1.95 K.g/Pair)	pair	4	260.00	1,040.00
66	HT Stay Set (Complete)	No.	4	1434.00	5,736.00
67	11 KV Stay Insulator	KG	4	87.00	348.00
68	7/10 SWG Stay Wire	Kg	40.00	77.00	3,080.00
69	1.1KV AI 1Cx 300 sq. mm2 Un-armoured Cable	Mtr	52	311.00	16,172.00
70	Lug AI.Crimping 300 sq.mm. XLPE Single hole	No	8	56.50	452.00

71	H/W fitting 90KN , 4Bolt	no	3	631.00	1,893.00
72	Disc Insulator 90KN Polymer	No	3.00	289.00	867.00
73	Conductor 55 sqmm ACSR Rabbit PVC Insulator	Mtr	20	41.50	830.00
74	GI Nut, Bolt & washers of different sizes	Kg	25	74.00	1,850.00
75	40 mm Nominal Bore GI Pipe Earthing	No.	7	1300.00	9,100.00
76	25x6 mm GI flat for earthing	Kg	78.523	72.00	5,653.66
77	Black Paint	Ltr	1.00	212.77	212.77
78	Yellow colour paint for Background	Set	2	212.77	425.54
79	Sundries(Binding wire, Tree trimming)	Set	1	2000.00	2,000.00
					8,31,024.78
III	**LT LINE-0.21 Km(3x50+1x35+1x16) sq. mm AB Cable**				
80	1.1 KV LT AB cable 3x50+1x35+1x16 sqmm AB Cable	Km	0.21	186000.00	39,060.00
81	9 Mtr. Long 300 KG PSC Pole	No	5	3630.00	18,150.00
82	Base Plate for PSC Pole	No	5	361.34	1,806.69
83	L.T Stay set (Complete)	Set	2	736.00	1,472.00
84	7/12 SWG Stay Wire	Kg	16	79.00	1,264.00
85	L.T Stay Clamp(1.4 K.g/Pair)	Pair	2	350.00	700.00
86	L.T Stay Insulator	No.	2	19.00	38.00
87	Pole clamp for eye Hook for AB cable	Pair	7	240.00	1,680.00
88	Eye hook for XLPE Aerial bunched Cable	No	4	75.00	300.00
89	Dead end clamp suitable for LT ABC cable 25-95mm2	No	4	217.00	868.00
90	Suspension clamp with I Hook for ABC 25-95 Sqmm	No	3	193.00	579.00
91	Cable 1.1 KV AI 4C x25 sq.mm. Armoured.	Mtr.	6	194.00	1,164.00
92	Cap Cable End for ABC 35 sq. mm	No	8	9.71	77.69
93	Dist Box LT Polycarbonate 10 Way	No.	3	920.00	2,760.00
94	IPC Type-B main 16 to 150 sq.mm. & Tap-4 to 50 sq. mm.	No.	12	98.20	1,178.44
95	IPC Type-B main 10 to 95 sq.mm. & Tap-1.5 to 10(16) sq. mm. (street Light)	No.	1	34.25	34.25
96	IPC Type-B main 25 to 150 sq.mm. & Tap-25 to 150 sq. mm. (Cable to cable)	No.	3	98.35	295.04
97	Buckles for steel strap	No.	0.15	705.00	105.75
98	Steel Strap size 20mm x 50m Long	Rol	0.15	1584.03	237.61
99	Earthing support coil type	No	5	164.00	820.00
100	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.310	74.00	96.94
101	Danger Board	No	5	180.00	900.00
102	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.505	78.00	117.39
103	GI barbed wire/Anticlimbing device	No	15	74.00	1,110.00

104	Back Clamp for barbed wire anticlimbing device 25x3mm Flat.	Kg	6.018	78.00	469.40
105	GI Nut, Bolt & washer	Kg	4.5	74.00	333.00
106	Black paint	Ltr.	2.5	212.77	531.93
107	Yellow colour paint for Background	Ltr.	5	212.77	1,063.86
108	Saundries(Binding wire,. Tree Trimming)	No.	1	500.00	500.00
					77,713.00
	TOTAL MATERIAL COST				**25,34,370.67**
	Stock, Storage & Insurance @ 3% of A				76,031.12
	Sub Total (C=A+B)				**26,10,401.79**
	Contingency @3% of C				**78,312.05**
	T & P 2% of C				**52,208.04**
	Transportation @ 7.5% of C				**1,95,780.13**
	Erection Charges for PSC Pole @ 20%				3,738.90
	Erection Charges of DTR and Joist Poles @ 5%				76,830.74
	Erection Charges of other @ 10%				**1,05,509.26**
	Sub Total Rs.				**31,22,780.92**
	Civil Item				
77	Stay concreting in ratio 1:2:4	No	9	1300.00	11,700.00
78	Supply & Installation of Earthing pipe with 40mm dia 3 Mtr, Class-B GI Pipe with earth chamber as per specification and drawing (each pit resistance will be measured and recorded and shall be as per IS) Scope include supply of all required material like Earth Eleectrode, earthing compound 25kg bentonide power, nuts-bolts,40mm dia 3 Mtr GI pipe etc.	No	9	3784.73	34,062.57
79	Concreting of poles in ratio 1;1;5;3, for 11mtr WPB/ 11 Mtr H Pole 0.45 Cum	No	27	2991.98	80,783.54
80	Concreting of poles in ratio 1;1;5;3, for 9mtr WPB, 9/8 Mtr PSC Pole 0.375 Cum	No	11	2493.32	27,426.54
81	Couping of pole in ration 1;1;5;3, for 13,11mtr WPB & 10Mtr.,9/8mtr PSC Pole 0.1125 Cum	No	38	748.00	28,424.00
82	Construction of LTDB Plinth (250KVA)	No	1	7000.00	7,000.00
83	Civil cost for making TRF plinth (250KVA)	No	1	28000.00	28,000.00
84	Brick boundary wall fencing with sand & metal Spreading	Mtr	18	7300.08	1,31,401.37
85	Survey and digitzation of New DSS and its internal attibutes	No	1	6883.00	6,883.00
86	Survey of incremental/delta network and assets changes of 11KV network and updation in GESW database.	Km	0.8	9633.00	7,706.40

87	Survey of incremental/delta network and assets changes of LT network and updation in GESW database.	Km	0.2	9633.00	1,926.60
					3,65,314.03
	Sub Total Rs.				**34,88,094.94**
	Cess @ 1%				34,880.95
	Total Estimated Cost				**35,22,975.89**
	Total Estimated Cost in Figures				**35,22,976.00**
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)