

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com****PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO ATAL BUS STAND (C-TYPE) AT GOUDABARIKANTA UNDER DASMANTHPUR BLOCK IN THE DISTRICT OF KORAPUT.****BID REF NO.- 47/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-A				
I	Construction of 11KV Line				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2.00	27300.82	54,601.64
2	Ties for 11 KV (for covered conductor)	No	4.00	110.00	440.00
3	Danger Plate	No	2.00	180.00	360.00
4	Back Clamp for danger Plate 25x3mm Flat	Kg	0.60	78.00	
5	GI barbed wire/Anticlimbing device	Kg	6.00	74.00	444.00
6	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.41	78.00	187.75
7	11 KV, 5KN pin insulator polymer	No	4.00	140.00	560.00
8	Earthing of Support (Coil Type)	No	2.00	164.00	328.00
9	No-8 GI wire (0.131 Kg/mtr.)	kg	0.52	74.00	38.78
10	IPC for Covered Conductor 11 KV 100 sq.mm.	No	12.00	900.00	10,800.00
11	Conductor XLPE insulated AAA 80 sq.mm.	Ckm	0.09	125000.00	11,625.00
12	St. X Arm Channel 100x50x5 mm 9.56Kg/mtr	Kg	45.89	78.00	3,579.26
13	St. X Arm Top Channel 100x50x5 mm 9.56Kg/mtr	Kg	11.70	78.00	912.76
14	Fish Plate 50x8mm,each 0.280mtr Length	Kg	7.03	78.00	
15	Tension assembly and Wedge Clamp 11KV 55-100mm2 CVD	set	12	880.00	10,560.00
16	Disc. Insulator 90 KN Polymer	No	12	289.00	3,468.00
17	HT Stay Clamp	Pair	4.00	260.00	1,040.00
18	HT 11 KV Stay Set (Complete)	No	4.00	1434.00	5,736.00
19	H.T Stay insulator	No	4.00	87.00	348.00
20	7/10 SWG Stay Wire , 15 Kg/stay	Kg	40.00	77.00	3,080.00
21	Black paint	L	1.00	212.77	212.77
22	Yellow colour paint for Background	Ltr	2.00	212.77	425.54
23	Sundries	Set	1.00	1000.00	1,000.00
					1,09,747.50

II	LT LINE-0.18 Km(3x50+1x35+1x16) sq. mm AB Cable				
24	1.1 KV LT AB cable 3x50+1x35+1x16 sqmm AB Cable	Km	0.25	186000.00	46,872.00
25	9 Mtr. Long 300 KG PSC Pole	No	9	3630.00	32,670.00
26	Base Plate for PSC Pole	No	9	361.34	3,252.05
27	L.T Stay set (Complete)	Set	3	736.00	2,208.00
28	7/12 SWG Stay Wire	Kg	24	79.00	1,896.00
29	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	350.00	1,050.00
30	L.T Stay Insulator	No.	3	19.00	57.00
31	Pole clamp for eye Hook for AB cable	Pair	12	240.00	2,880.00
32	Eye hook for XLPE Aerial bunched Cable	No.	6	75.00	450.00
33	Dead end clamp suitable for LT ABC cable 25-95mm ²	No.	6	217.00	1,302.00
34	Suspension clamp with I Hook for ABC	No.	6	193.00	1,158.00
35	Cable 1.1 KV AI 4C x25 sq.mm. Armoured.	Mtr.	6	194.00	1,164.00
36	Cap Cable End for ABC 35 sq. mm	No	8	9.71	77.69
37	Dist Box LT Polycarbonate 10 Way	No.	3	920.00	2,760.00
38	IPC Type-B main 16 to 150 sq.mm. & Tap-4 to 50 sq. mm.	No.	12	98.20	1,178.44
39	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
40	IPC Type-B main 25 to 150 sq.mm. & Tap-25 to 150 sq. mm. (Cable to cable)	No.	3	98.35	295.04
41	Buckles for steel strap	No.	0.15	705.00	105.75
42	Steel Strap size 20mm x 50m Long	Rol	0.15	1584.03	237.61
43	Earthing support coil type	No	9	164.00	1,476.00
44	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	2.358	74.00	174.49
45	Danger Board	No	9	180.00	1,620.00
46	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.709	78.00	211.30
47	GI barbed wire/Anticlimbing device	No	27	74.00	1,998.00
48	Back Clamp for barbed wire anticlimbing device 25x3mm Flat.	Kg	21.663	78.00	1,689.71
49	GI Nut, Bolt & washer	Kg	7.5	74.00	555.00
50	Black paint	Ltr.	4.5	212.77	957.47
51	Yellow colour paint for Background	Ltr.	9	212.77	1,914.94
52	Saundries	No.	1	500.00	500.00
					1,10,744.76
A	TOTAL MATERIAL COST				2,20,492.26
B	Stock, Storage & Insurance @ 3% of A				6,614.77
C	Sub Total (C=A+B)				2,27,107.02
D	Contingency @3% of C				6,813.21
E	T & P 2% of C				4,542.14
F	Transportation @ 7.5% of C				17,033.03
G	Erection Charges for PSC Pole @ 20%				6,730.02
H	Erection Charges of DTR and Joist Poles @ 5%				2,811.98
I	Erection Charges of other @ 10%				13,721.72
J	Sub Total Rs.				2,78,759.13
	Dismantling Charges				
53	Dismantling 34-55 sqmm AAAC Conductor	Mtr	90	6.44	579.60

54	Dismantle of PSC Pole 8/9 Mtr	No	5	920.61	4,603.05
55	Dismantle -LT ABC	Mtr	150	23.02	3,453.00
					2,87,394.78
	Civil Item				
53	Stay concreting in ratio 1:2:4	No	7	1300.00	9,100.00
54	Concreting of poles in ratio 1;1;5;3, for 11mtr WPB, 11 Mtr H Pole 0.45 Cum	No	2	2991.98	5,983.97
55	Concreting of poles in ratio 1;1;5;3, for 9mtr WPB, 9/8 Mtr PSC Pole 0.375 Cum	No	9	2493.32	22,439.90
56	Couping of pole in ration 1;1;5;3, for 13,11mtr WPB & 10.9.8mtr PSC Pole 0.1125 Cum	No	11	748.00	8,228.00
57	Survey of incremental/delta network and assets changes of 11kv network and updaton in GESW database.	Km	0.03	9633.00	288.99
58	Survey of incremental/delta network and assets changes of LT network and updaton in GESW database.	Km	0.24	9633.00	2,311.92
	TOTAL RS.(PART-A)				3,35,747.55
	PART-B				
I	Construction of 11KV Line				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2.00	27300.82	54,601.64
2	Danger Plate	No	2.00	180.00	360.00
3	Back Clamp for danger Plate 25x3mm Flat	Kg	0.60	78.00	46.96
4	GI barbed wire/Anticlimbing device	Kg	6.00	74.00	444.00
5	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.41	78.00	187.75
6	Earthing of Support (Coil Type)	No	2.00	164.00	328.00
7	No-8 GI wire (0.131 Kg/mtr.)	kg	0.52	74.00	38.78
8	LA 12KV, 10KA, DH Class	No	3.00	1960.00	5,880.00
9	GI Pipe earthing 40mm 3mtr Long	No	2.00	1300.00	2,600.00
10	50x6mm GI Flat for earthing	Rno	23.60	72.00	1,699.20
11	GI Nut, Bolt, washer of different size	Kg	26.89	74.00	1,989.86
12	3cx50mm2 11KV XLPE Cable(Arm)	Mtr	126.00	859.00	1,08,234.00
13	HS Kit O/D 3Cx50 mm2 11KV XLPE cable	No	4.00	2060.00	8,240.00
14	7/12 SWG Stay Wire , 15 Kg/stay	Kg	60.00	79.00	4,740.00
15	Pole clamp for eye Hook for XLPE cable	Pair	8	240.00	1,920.00
16	Eye hook	No	8	75.00	600.00
17	Str.X Arm GI Channel 100x50x5mm, 9.56kg/mtr	Pair	45.89	78.00	3,579.26
18	J Clamp foe XLPE Cable 25x6 mm Flat	No	120.00	80.00	9,600.00
19	Black paint	L	1.00	212.77	212.77
20	Yellow colour paint for Background	Ltr	2.00	212.77	425.54
21	Sundries	Set	1.00	1000.00	1,000.00
					2,06,727.76
II	INSTALLATION OF 250 KVA S/S.				
22	250 KVA ,11/0.4 KV (CU) TRF BIS Level-II	No	1	619789.00	6,19,789.00
23	Pole WPB GI 160x152mm 11 Mtr (30.44 Kg/mtr)	No	2	27300.82	54,601.64

24	Top Channel 100x50x5mm	Kg	53.536	78.00	4,175.81
25	Bracing channel	No	107.07	78.00	8,351.46
26	AB Swich Mounting Channel 75x40x4.8mm GI	kg	39.984	78.00	3,118.75
27	HG Fuse mounting Channel 75x40x4.8mm	kg	39.984	78.00	3,118.75
28	AB Switch OP Pipe channel Supp 75x40x4.8mm	Kg	4.463	78.00	348.11
29	AB Swich Bottom Supp. channel 75x40x4.8mm	Kg	4.71	78.00	367.57
30	Braking Supporting Channel--Op Pipe 50x8 mm	Kg	1.549	72.00	111.53
31	Supp. Channel TPMO OP Rod 75x40x4.8mm	Kg	5.541	78.00	432.20
32	LTDB Supporting channel 75x40x4.8 mm	Kg	21.42	78.00	1,670.76
33	Fish Plate 60x8 mm	Kg	5.275	78.00	411.45
34	Back Clamp for LTDB of Length	Kg	5.03	78.00	392.34
35	Back Clamp for Transformer Belting Angle	Kg	3.617	78.00	282.13
36	Danger Plate	No	2	180.00	360.00
37	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
38	GI barbed wire/Anticlimbing device	Kg	6	74.00	444.00
39	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	78.00	187.75
40	LA 12KV, 10KA, DH Class	No	3	1960.00	5,880.00
41	11 KV AB switch (200 Amp, 3 pole, 50 HZ)	Set	1	9080.00	9,080.00
42	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	6037.00	6,037.00
43	LT Distrubution Box with MCCB, Aluminim Busbar for 250 KVA S/S.	No	1	55267.00	55,267.00
44	11 KV 5KN pin Insulator Polymer	No.	3	140.00	420.00
45	Earthing of Support (Coil Type)	No	2.00	164.00	328.00
46	No-8 GI wire (0.131 Kg/mtr.)	kg	0.26	74.00	19.39
47	HT Stay Clamp(1.95 K.g/Pair)	Pair	4	260.00	1,040.00
48	HT Stay Set (Complete)	pa	4	1434.00	5,736.00
49	11 KV Stay Insulator	No.	4	87.00	348.00
50	7/10 SWG Stay Wire	KG	40	77.00	3,080.00
51	1.1KV AI 1Cx 300 sq. mm2 Un-armoured Cable	Mtr	52.00	311.00	16,172.00
52	Lug AI.Crimping 300 sq.mm. XLPE Single hole	No	8	56.50	452.00
53	H/W fitting 90KN , 4Bolt	Pair	3	631.00	1,893.00
54	Disc Insulator 90KN Polymer	no	3	289.00	867.00
55	Conductor 55 sqmm ACSR Rabbit PVC Insulated	Mtr	20.00	41.50	830.00
56	GI Nut, Bolt & washers of different sizes	No	25	74.00	1,850.00
57	40mm nominal bore GI pipe (medium gauge) earthing device with 3 mtr long.	No	7	1300.00	9,100.00
58	25x6 mm GI flat for earthing	Kg	78.523	72.00	5,653.66
59	Black Paint	Ltr	1	212.77	212.77
60	Yellow colour paint for Background	Ltr	2.00	212.77	425.54
61	Sundries	Set	1	2000.00	2,000.00

					8,24,901.56
III	LT LINE(3x50+1x35+1x16) sq. mm AB Cable				
62	1.1 KV LT AB cable 3x50+1x35+1x16 sqmm AB Cable	Mtr.	0.13	186000.00	23,436.00
63	9 Mtr. Long 300 KG PSC Pole	No	4	3630.00	14,520.00
64	Base Plate for PSC Pole	No	4	361.34	1,445.36
65	L.T Stay set (Complete)	Set	1	736.00	736.00
66	7/12 SWG Stay Wire	Kg	4	79.00	316.00
67	L.T Stay Clamp(1.4 K.g/Pair)	Pair	1	350.00	350.00
68	L.T Stay Insulator	No.	1	19.00	19.00
69	Pole clamp for eye Hook for AB cable	Pair	5	240.00	1,200.00
70	Eye hook for XLPE Aerial bunched Cable	No.	2	75.00	150.00
71	Dead end clamp suitable for XLPE cable	No.	2	217.00	434.00
72	Suspension clamp with I Hook for ABC	No.	3	193.00	579.00
73	Cable 1.1 KV AI 4C x25 sq.mm. Armoured.	Mtr.	6	194.00	1,164.00
74	Cap Cable End for ABC 35 sq. mm	No	8	9.71	77.69
75	Dist Box LT Polycarbonate 10 Way	No.	3	920.00	2,760.00
76	IPC Type-B main 16 to 150 sq.mm. & Tap-4 to 50 sq. mm.	No.	12	98.20	1,178.44
77	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
78	IPC Type-B main 25 to 150 sq.mm. & Tap-25 to 150 sq. mm. (Cable to cable)	No.	3	98.35	295.04
79	Buckles for steel strap	No.	0.15	705.00	105.75
80	Steel Strap size 20mm x 50m Long	Rol	0.15	1584.03	237.61
81	Earthing support coil type	No	4	164.00	656.00
82	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.048	74.00	77.55
83	Danger Board	No	4	180.00	720.00
84	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.204	78.00	93.91
85	GI Nut, Bolt & washer	Kg	3	74.00	222.00
86	Black paint	Ltr.	2	212.77	425.54
87	Yellow colour paint for Background	Ltr.	4	212.77	851.08
88	Saundries	No.	1	500.00	500.00
					52,584.23
A	TOTAL MATERIAL COST				10,84,213.55
B	Stock, Storage & Insurance @ 3% of A				32,526.41
C	Sub Total (C=A+B)				11,16,739.96
D	Contingency @3% of C				33,502.20
E	T & P 2% of C				22,334.80
F	Transportation @ 7.5% of C				83,755.50
G	Erection Charges for PSC Pole @ 20%				3,529.52
H	Erection Charges of DTR and Joist Poles @ 5%				37,543.10
I	Erection Charges of other @ 10%				35,092.23
J	Sub Total Rs.				13,32,497.31
	Total amount				
89	Stay concreting in ratio C.C ,1:2:4 as per TPSODL Drawing and specification.	Nos.	3	1300.00	3,900.00
90	Earth chamber, pipe install & Bentonlte powder	No	9	5100.00	45,900.00
91	Concreting of Poles in ratio 1:1:5:3 for 11 mtr WPB & 11 Mtr. H Pole 0.45 Cum	Nos.	4	2991.98	11,967.93
92	Concreting of Poles in ratio 1:1:5:3 for 9 Mtr./ 8 Mtr. PSC Pole =0.375 cum	Nos.	4	2493.32	9,973.29

93	Couping of poles in ratio 1:1:5:3 for 11 mtr WPB Pole =0.1125 cum	Nos.	8	748.00	5,984.00
94	Construction of LTDB Plinth (250KVA)	Nos.	1	7000.00	7,000.00
95	Civil cost for making TRF plinth (250KVA)	No	1	28000.00	28,000.00
96	Brick boundary wall fencing with sand & metal Spreading	Mtr	18	7300.00	1,31,400.00
97	Survey and digitization of New DSS and its internal attributes	No	1	6882.20	6,882.20
98	Survey of incremental/delta network and assets changes of 11KV network and updation in GESW database.	Km	0.06	9633.00	577.98
99	Survey of incremental/delta network and assets changes of LT network and updation in GESW database.	Km	0.12	9633.00	1,155.96
	S. Total				2,52,741.36
	Total Rs.(PART-B)				15,85,238.67
	Total Rs. (PART-A+PART-B)				19,20,986.22
	Cess @ 1%				19,209.86
	Total Estimated Cost				19,40,196.09
	Total Estimated Cost in Figures				19,40,196.00
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)