

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 FOR POWER SUPPLY TO BUS STAND (C-TYPE) (PHASE-II UNDER ABS SCHEME) AT KABISURYANAGAR UNDER KABISURYANAGAR BLOCK IN THE DISTRICT OF GANJAM.****BID REF NO.- 65/PM/ELECT/OPHWC/2025-26**

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	3 phase 3W 11 KV line with 80 sq. mm AAAC.				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)including base plate	No	1	34,321.52	34,321.52
2	9 Mtr. Long 300 KG PSC Pole	No	1	4,260.00	4,260.00
3	Disc insulator 45 KN (T &C) Polymer	No.	3	1,221.20	3,663.60
4	11 KV HW fitting (T&C) type 2 bolted	No	3	184.60	553.80
5	100x50x6 mm -Straight channel 9.2 Kg/Mtr.(1.5 Mtr.x2x9.2)	Kg	27.6	92.30	2,547.48
6	MS Nuts & Bolts	Kg	7	100.82	705.74
7	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
8	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
9	Top F clamp	No.	1	340.80	340.80
10	11KV Pin Insulator polymer	No.	6	284.00	1,704.00
11	Earthing Device coil type GI	No	2	235.72	471.44
12	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	106.50	55.81
13	RCC Base plate for support	No	1.000	361.34	361.34
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	2	113.60	227.20
15	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	106.50	256.35
16	Danger Board	No	2	113.60	227.20
17	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.602	106.50	64.11

18	80 sq. mm AAAC	Km	0.0618	61,060.00	3,773.51
19	PG clamp for 80 sq. mm AAAC	No.	3	752.60	2,257.80
20	Clamp for stud pole	No.	2	177.50	355.00
21	Black paint	Ltr.	1.000	312.40	312.40
22	Yellow colour paint for Background	Ltr.	2.000	212.77	425.54
23	Sundries	No.	1	1,000.00	1,000.00
	Total Rs.				59,148.43
PART-II	Installation of 250 KVA 11/0.4KV sub station - 1 No.				
24	11 Mtr Long (160x152)WPB Pole(30.44 Kg/mtr)with base plate 300x300x12	No	2	34,321.52	68,643.04
25	250 KVA, 11/0.4 KV (CU) Transformer with Tap changer BIS Energy Level-II	No	1	381,199.00	381,199.00
26	LT Distribution box with MCCB, Aluminium Bus bar for 3 bay with Kitkat Fuse for 250 KVA S/S	No	1	68,160.00	68,160.00
27	11KV AB switch 3 pole(400 Amp, 50 Hz, Horizontal type)	Set	1	16,827.00	16,827.00
28	11 KV LA(9 KV, 10 KA)DH Class	No.	3	1,260.00	3,780.00
29	11KV HG fuse 3 pole(400 Amp, 3 pole, 50 Hz)with PI	Set	1	16,372.60	16,372.60
30	80 sq. mm AAAC	Km	0.024	61,060.00	1,465.44
31	PG clamp for 80 sq. mm AAAC	No.	3	752.60	2,257.80
32	300 sq. mm 1 core LT XLPE Cable Un-armoured	Mtr.	32	542.44	17,358.08
33	Cable Gland for 1.1 KV AL 1Cx300 sq. mm cable	Nos.	4	840.00	3,360.00
34	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5,486.88
35	Transformer Base GI channel 75x40x6mm channel 2.8 mtr long,2 Nos.9.2 K.g/mtr)	K.g	51.52	106.50	5,486.88
36	AB switch mounting channel GI(75x40x6)mm,2.8mtr long(6.8Kg/mtr)with Galvanisation	K.g	38.08	106.50	4,055.52
37	HG fuse mounting channel GI(75x40x6)mm,2.8mtr long (6.8Kg/mtr)	K.g	38.08	106.50	4,055.52
38	Transformer Belting Angle 50x50x6mm , 2.8 mtr long,2 Nos.4.5 K.g/mtr)with side angle	K.g	31.5	106.50	3,354.75
39	AB switch operating Pipe Channel support 75x40x6 mm GI(625 mm Long)6.8 Kg/Mtr.	K.g	4.25	106.50	452.63
40	AB Switch Side Support Channel(GI) 75x40x4.8, 330 mm Long,7.14 Kg/Mtr.	K.g	6.59	106.50	701.84
41	HG Fuse Side Support Channel(GI) 75x40x4.8, 330 mm Long,7.14 Kg/Mtr.	K.g	6.59	106.50	701.84
42	Cantilever GI Channel for supporting 75X40x6mm. 0.810mtr. Long 2 Nos. (6.8kg./mtr.)	Kg	5.508	106.50	586.60
43	AB switch operating Pipe Diagonal Angle support 50x50x6 mm GI(388 mm Long)4.5 Kg/Mtr.	K.g	1.746	106.50	185.95

44	AB switch operating Pipe Diagonal base Angle support 50x50x6 mm GI(340 mm Long)4.5 Kg/Mtr.	K.g	1.53	106.50	162.95
45	Cantilever GI support Angle 50x50x6mm. 1282 mm Long (4.5 kg./mtr.)	Kg	5.769	106.50	614.40
46	LT DB mounting supporting GI Angle 75x40x6 mm ,3 mtr. Long(6.8 Kg/Mtr.)	Kg	20.4	106.50	2,172.60
47	Disc insulator 70 KN (B&S) Polymer	No.	3	1,633.00	4,899.00
48	11 KV HW fitting (B&S) type 3 bolted	No	3	497.00	1,491.00
49	HT stay set (Complete)REC Construction standard	No.	4	1,491.00	5,964.00
50	HT stay Insulator, Type-C	No.	4	71.00	284.00
51	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
52	7/10 SWG GI Saty wire, grade-2	Kg	40	106.50	4,260.00
53	50x6 mm GI Flat	Kg	6	106.50	639.00
54	25x6 mm GI Flat	Kg	70	106.50	7,455.00
55	GI Nut, Bolt & washer of assorted size	Kg	25	110.76	2,769.00
56	Lug AL. 70 sq. mm for 7/8 SWG GI wire/earthing	EA	54	8.50	459.00
57	Lug AL. crimping150 sq. mm XLPE one Hole	EA	8	17.71	141.68
58	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	9	1,491.00	13,419.00
59	Pipe HDPE Size 25 mm	Mtr.	23	33.60	772.80
60	Black paint	Ltr.	1	312.40	312.40
61	Yellow colour paint for Background	Ltr.	2	212.77	425.54
62	Sundries(Al. binding tape, insulating Tape etc.)	No.	1	2,000.00	2,000.00
	Total Rs.				653,442.72
PART-III	Construction of LT 3ph 5 W line using 4X95+1x95+1x16 sqmm XLPE AB Cable=0.06 Km				
63	9 Mtr. Long 300 KG PSC Pole	No	2	4,260.00	8,520.00
64	4X95+1x95+1x16 sqmm AB Cable	Mtr.	61.80	370.02	22,867.24
65	Pole clamp for eye Hook for AB cable	No.	3	284.00	852.00
66	Eye Hook	No.	3	85.20	255.60
67	Dead end clamp with eye hook	No	2	536.35	1,072.70
68	Strain fitting	No	2	102.74	205.48
69	Suspension clamp with Eye Hook	No	1	482.80	482.80
70	L.T Stay set (Complete)	Set	1	738.40	738.40
71	L.T Stay Insulator	No.	1	42.60	42.60
72	L.T Stay clamp (1.40 K.g/Pair)	Pair	1	156.20	156.20

73	7/12 SWG Stay Wire ,Grade-2	Kg	10	106.50	1,065.00
74	MS Nut, Bolt & washer	Kg	3	100.82	302.46
75	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	2.358	106.50	251.13
76	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	2	113.60	227.20
77	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	106.50	256.35
78	Danger Board	No	2	113.60	227.20
79	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.602	106.50	64.11
80	LT Junction Box for service connection(10 way)	No.	2	920.34	1,840.68
81	IPC KZ 2X150 sq. mm LT ABC 25-150 & 6-35 Sq. mm Type-B(Cable to SMD Box)	No.	8	51.77	414.16
82	Buckles for steel strap	No.	2	490.67	981.34
83	Earthing Device coil type GI	No.	2	235.72	471.44
84	Black paint	Ltr.	1.00	312.40	312.40
85	Yellow colour paint for Background	Ltr.	2	212.77	425.54
86	RCC Base plate for support	No	2.000	361.34	722.68
87	Clamp for stud pole	No	1.000	177.50	177.50
88	Saundries	No.	1	1,000.00	1,000.00
	Total Rs.				43,932.20
A	Sub Total Rs.				756,523.35
B	Stock,storage and insurance (@3% on A)				22,695.70
C	TOTAL RS.				779219.05
D	T&P @ 2% of C				15,584.38
E	Contingency @ 3% of C				23,376.57
F	Transportation @ 7.5% of C				58,441.43
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				54,303.10
H	TOTAL RS.				930,924.54
89	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3	Nos.	3	2,493.32	7,479.96
90	Couping of Poles in ratio 1:1:5:3	Nos.	3	748.00	2,244.00
91	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3, Zebra painting(In Black & yellow stripes/Zebra)	Nos.	3	2,991.98	8,975.94
92	Couping of Poles in ratio 1:1:5:3	Nos.	3	748.00	2,244.00
93	Stay concreting in ratio 1:2:4	Nos.	5	1,329.77	6,648.85
94	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	9	1,600.00	14,400.00
95	Plinth for installation of LTDB	Nos.	1	6,000.00	6,000.00
96	Plinth for Transformer	Nos.	1	32,181.60	32,181.60

97	Brick wall DTR Fencing	RM	18	7,300.12	131,402.16
98	Survey and digitization of new DSS and its internals including attributes.(GIS service)	No.	1	6,883.00	6,883.00
99	Survey and digitization of new MCCB/LTDB and its internals including attributes.(GIS service)	No.	1	6,883.00	6,883.00
100	Survey of incremental / delta network and assets changes of 11 KV network and updation in GESW database.(GIS service)	Km	0.02	9,633.00	192.66
101	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.(GIS service)	Km	0.06	9,633.00	577.98
					226,113.15
	Sub Total Rs.				1,157,037.69
IV	SERVICE CONNECTION(ABS)				
1	3.5Core 95 sq. mm LT PVC cable(un armoured)	Mtr.	30	472.86	14,185.80
2	No. 8 SWG GI wire	Kg	3	106.50	319.50
3	200 Amp Kit Kat Fuse	No.	3	707.16	2,121.48
4	GI service connection Bracket	No.	1	383.40	383.40
5	Insulated piercing connector.Type-B-main 16 to 95 sq.mm to Tap-2.5 to 10 sq.mm	No	4	56.80	227.20
6	Neutral connector Type-B suitable for main-35-70 sq. mm AAAC & Tap-2.5 to 10 sq. mm service cable cover by black weather resistant insulation cover.	No	1	46.86	46.86
7	Sundries	No	1	500.00	500.00
A	Sub Total Rs.				17,784.24
B	Stock,storage and insurance (@3% on A)				533.53
C	TOTAL RS.				18,317.77
D	T&P @ 2% of C				366.36
E	Contingency @ 3% of C				549.53
F	Transportation @ 7.5% of C				1,373.83
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				1,831.78
H	TOTAL RS.				22,439.26
V	SERVICE CONNECTION(FOR EV CHARGING)				
1	3.5Core 95 sq. mm LT PVC cable(un armoured)	Mtr.	30	472.86	14,185.80
2	No. 8 SWG GI wire	Kg	3	106.50	319.50
3	200 Amp Kit Kat Fuse	No.	3	707.16	2,121.48
4	GI service connection Bracket	No.	1	383.40	383.40
5	Insulated piercing connector.Type-B-main 16 to 95 sq.mm to Tap-2.5 to 10 sq.mm	No	4	56.80	227.20

6	Neutral connector Type-B suitable for main-35-70 sq. mm AAAC & Tap-2.5 to 10 sq. mm service cable cover by black weather resistant insulation cover.	No	1	46.86	46.86
7	Sundries	No	1	500.00	500.00
A	Sub Total Rs.				17,784.24
B	Stock,storage and insurance (@3% on A)				533.53
C	TOTAL RS.				18,317.77
D	T&P @ 2% of C				366.36
E	Contingency @ 3% of C				549.53
F	Transportation @ 7.5% of C				1,373.83
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				1,831.78
H	TOTAL RS.				22,439.26
	Sub Total Rs.				1,201,916.22
	Cess @ 1%				12,019.16
	Total Estimated Cost				1,213,935.38
	Total Estimated Cost in Figures				1,213,935.00
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)**