

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 :- 02 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 42 NOS. OF SHOP OF AMA BUS STAND AT PAPADAHANDI UNDER PAPADAHANDI BLOCK IN THE DISTRICT OF NABARANGAPUR.****BID REF NO.- 04/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	3 phase 3W 11 KV line with 55 sq. mm Insulated Covered Conductor -0.1 Km				
1	11 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)with welded base plate	No	3	34,321.52	102,964.55
2	Earthing Device coil type GI	No	3	235.72	707.16
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.79	106.50	83.71
4	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
5	11 KV F clamp 2.9 Kg each	No	1	340.80	340.80
6	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
7	Disc Insulator (B&S) 70 KN Polymer	Nos.	15	1,633.00	24,495.00
8	Tension assembly wedge type with Anchoring clamp for 11 KV covered conductor-55 sq. mm	Nos.	15	905.00	13,575.00
9	IPC for 55 sq. mm AAAC covered conductor	Nos.	15	905.00	13,575.00
10	11KV Pin Insulator polymer	No.	12	284.00	3,408.00
11	Non-Metalic ties for 11 KV covered conductor	Nos.	12	286.00	3,432.00
12	55 sq. mm Insulated Covered AAAC	Km	0.31	99,740.00	30,819.66
13	100X50X6 mm channel for straight cross Arm 1.2 Mtr. Long for Bottom Channel & 0.206 Mtr. Long for Top Channel.	Kg	129.35	106.50	13,775.78
14	HT stay set (Complete)REC Construction standard	No.	5	1,491.00	7,455.00
15	HT stay Insulator, Type-C	No.	5	71.00	355.00
16	Stay clamp(1.9 Kg/Pair)	pair	5	177.50	887.50
17	7/8 SWG GI Saty wire	Kg	50	106.50	5,325.00
18	GI Nuts, Bolts and washers of assorted size	Kg	13.4	110.76	1,484.22
19	Danger Board	No	3	113.60	340.81
20	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.9	106.50	95.85
21	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	9	113.60	1,022.40

22	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	3.61	106.50	384.47
23	Fish Plate for supporting LA	Kg	3.26	106.50	347.19
24	Black Paint	Ltr.	1.5	312.40	468.60
25	Yellow Paint	Ltr.	3	212.77	638.31
26	Sundries	LS	1	1,000.00	1,000.00
A	Sub Total Rs.				228,244.80
B	Stock,storage and insurance (@3% on A)				6,847.34
C	TOTAL RS.				235,092.14
D	T&P @ 2% of C				4,701.84
E	Contingency @ 3% of C				7,052.76
F	Transportation @ 7.5% of C				17,631.91
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				18,206.54
H	TOTAL RS.				282,685.20
27	Concreting of support in ratio C.C.1:1:5:3	No	3	2,991.98	8,975.94
28	Couping of poles in ratio 1:1:5:3 , 0.1125 Cum	No	3	748.00	2,244.00
29	Cement Concreting for stay anchor plate with C.C 1:2:4 as per TPSODL specification and drawing 0.2 cum	Nos.	5	1,329.77	6,648.85
30	Survey of incremental/delta Network and asset changes of 11 KV Network and updatation in GESW databases.	No	0.1	9,633.00	963.30
	Sub Total Rs.				301,517.29
PART-II	Installation of 250 KVA 11/0.4KV sub station -1 No.				
1	11 Mtr Long (160x160)mm WPB GI Pole(30.44 Kg/mtr)with welded Base Plate	No	2	34,321.52	68,643.04
2	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
3	AB switch mounting GI channel(75x40x6)mm,each 2.8mtr long 2 No(6.8Kg/mtr)	K.g	38.08	106.50	4,055.52
4	HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 2 No(6.8Kg/mtr)	K.g	38.08	106.50	4,055.52
5	Support Channel for AB Switch mounting Channel 75x40x6 mm Channel 75x40x6 mm ,0.4 Mtr., Long 4 Nos.(6.8 Kg/Mtr.)	K.g	10.88	106.50	1,158.72
6	Cantilever GI Channel for supporting HG Fuse,75x40x6mm.-1.5 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	20.4	106.50	2,172.60
7	Cantilever GI angle for supporting HG Fuse 50x50x6mm MS Angle 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	13.5	106.50	1,437.75
8	Back clamp for Cantilever Angle	Kg.	4	113.60	454.41
9	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	13.5	106.50	1,437.75
10	Channel for AB switch Handle 75x40x6mm GI 1 Mtr. Long ,1 No.(@6.8 Kg/Mtr.)	K.g	6.8	106.50	724.20
11	GI Belting Channel 75x40x6 mm ,2.8 Mtr. Long 4 Nos.(6.8 Kg/Mtr.	K.g	76.16	106.50	8,111.04

12	GI Bracing Angle for 50x50x6 mm ,3.5 Mtr. Long each, 2 Nos.(4.5 Kg/Mtr.)	K.g	31.5	106.50	3,354.75
13	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16,827.00	16,827.00
14	11KV HG fuse 3 pole(400 Amp)with PI	Set	1	16,372.60	16,372.60
15	11 KV LA(12 KV, 10 KA)station class	No.	3	5,041.00	15,123.00
16	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
17	1Cx300 sq. mm LT XLPE cable (Armoured)	Mtr.	28	542.44	15,188.34
18	250 KVA, 11/0.4 KV (CU) Transformer with off load Tap changer BIS Energy Level-II, IS 1180, Ammendment-4	No	1	619,789.19	619,789.19
19	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
20	25x4 mm GI flat earthing	Kg	80	106.50	8,520.00
21	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2,769.00
22	Earthing Device coil type GI	No	2	235.72	471.44
23	No.6 GI wire for earthing	Kg	0.52	110.68	58.00
24	Danger Board	No.	2	113.60	227.20
25	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.60	106.50	63.79
26	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
27	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.41	106.50	256.35
28	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	1.63	106.50	173.60
29	HT stay set (Complete)REC Construction standard	No.	4	1,491.00	5,964.00
30	HT stay Insulator, Type-C	No.	4	71.00	284.00
31	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
32	7/10 SWG GI Saty wire, grade-2	Kg	40	106.50	4,260.00
33	Black Paint	Ltr.	1	312.40	312.40
34	Yellow Paint	Ltr.	2	212.77	425.54
35	Sundries (Paint,Al. Binding tape , wire insulating tape, clamp connector, jumpering materials, socket & other accessories etc.)	LS	1	2,542.37	2,542.37
A	Sub Total Rs.				890,708.59
B	Stock,storage and insurance (@3% on A)				26,721.26
C	TOTAL RS.				917,429.85
D	T&P @ 2% of C				18,348.60
E	Contingency @ 3% of C				27,522.90
F	Transportation @ 7.5% of C				68,807.24
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				56,288.73
H	TOTAL RS.				1,088,397.31
36	Cement Concreting for stay anchor plate with C.C 1:2:4 as per TPSODL specification and drawing 0.2 cum	Nos.	4	1,329.77	5,319.08
37	Concreting of support in ratio C.C.1:1:5:3	No	2	2,991.98	5,983.97
38	Couping of poles in ratio 1:1:5:3 , 0.1125 Cum	No	2	748.00	1,496.00

39	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1,600.00	11,200.00
40	Survey and digitization of new DSS and its internals including attrubutes.(GIS service)	No.	1	6,883.00	6,883.00
41	Survey and digitization of new MCCB/LTDB and its internals including attributes.	No.	1	6,883.00	6,883.00
42	Plinth for installation of 250 KVA DTR including all labour and material as per TPSODL Drawing and specification.	Nos.	1	32,181.60	32,181.60
43	LTDB Plinth as per TPSODL specification and Drawing	Nos.	1	6,000.00	6,000.00
44	Construction of Boundary wall for fencing of DPM S/S in the size 5x4 Mtr. @ 7300.12/RM (as per TPSODL specification)	Nos.	18	7,300.12	131,402.16
				Sub Total Rs.	1,295,746.11
PART-III	Construction of LT 3ph 5 W line using 3x95+1x70+1x16 sqmm XLPE AB Cable=0.105 Km				
1	9 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)with welded Base Plate	No	3	25,815.00	77,445.00
2	Earthing Device coil type GI	No	3	235.72	707.16
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.79	106.50	84.14
4	Pole clamp for eye Hook for XLPE cable	No	4	284.00	1,136.00
5	Dead end clamp suitable for XLPE cable	No	2	92.30	184.59
6	Eye hook	No	6	85.20	511.22
7	Suspension clamp	No	1	482.80	482.80
8	L.T Stay set (Complete)	Set	1	738.40	738.40
9	L.T Stay Insulator	No.	1	42.60	42.60
10	L.T Stay Clamp(1.4 K.g/Pair)	Pair	1	156.20	156.20
11	7/12 SWG Stay Wire	Kg	8	106.50	852.00
12	GI Nuts, Bolt and washer	Kg	3	110.76	332.28
13	3x95+1x70+1x16 sqmm XLPE AB Cable	Km	0.11	345,060.00	38,042.87
14	Danger Board	No.	3	113.60	340.80
15	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	0.9	106.50	95.85
16	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	9	113.60	1,022.40
17	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.61	106.50	384.47
18	Black Paint	Ltr.	1.5	312.40	468.60
19	Yellow Paint	Ltr.	3	212.77	638.31
20	Sundries & minor materials	LS	1	500.00	500.00
					124,165.68
A				Sub Total Rs.	124,165.68
B				Stock,storage and insurance (@3% on A)	3,724.97
C				TOTAL RS.	127,890.65
D				T&P @ 2% of C	2,557.81
E				Contingency @ 3% of C	3,836.72

F	Transportation @ 7.5% of C				9,591.80
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				8,800.65
H	TOTAL RS.				152,677.63
21	Concreting of support in ratio C.C.1:1:5:3,0.375 Cum	No	3	2,493.32	7,479.96
22	Couping of poles in ratio 1:1:5:3 , 0.1125 Cum	No	3	748.00	2,244.00
23	Cement Concreting for stay anchor plate with C.C 1:2:4, 0.2 cum @ 6177.92	Nos.	1	1,329.77	1,329.77
24	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.(GIS service)	Km	0.11	9,633.00	1,011.47
	Sub Total Rs.				164,742.82
	Sub total Rs.				1,762,006.23
	Cess @ 1%				17,620.06
	Total Estimated Cost				1,779,626.29
	Total Estimated Cost in Figures			-	1,779,626.00
EXCESS <input type="checkbox"/> LESS <input type="checkbox"/> (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)**