

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 :- 06 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 6-E TYPE STAFF QUARTERS AT MAIDALPUR POLICE STATION IN THE DISTRICT OF NABARANGAPUR.****BID REF NO.-41/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 11 KV LINE .				
1	9Mtr long 300 KG PSC Pole excluding Transportation	No	5	3630.00	18150.00
2	RCC Base Plate for support	No	5	361.34	1806.69
3	Earthing for support (Coil type)	No	5	164.00	820.00
4	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.31	74.00	96.94
5	H.T. cross ARM V Share for 11KV (GI) 10.5Kg	Nos	4	851.00	3404.00
6	Back Clamp for 11KV V cross Arm	No	4	140.00	560.00
7	11 KV F clamp GI	No	4	135.00	540.00
8	Disc insulator 70KN polymer	Nos	9	150.00	1350.00
9	H W fittings 70 KN (3bolted)	Set	9	412.00	3708.00
10	11 KV Pin insulator polymer	Nos	15	140.00	2100.00
11	55mm2 AAAC insulated Covered Conductor	Km	0.74	43360.00	32155.78
12	100x50x6 mm channel for straight Cross arm 1.2mtr Long for bottom channel & 0.206Mtr Long for Top channel.	Kg	77.61	78.00	6053.58
13	HT stay set (complete)	Set	2	1434.00	2868.00
14	Stay insulator	No	2	87.00	174.00
15	Stay Clamp	Pair	2	260.00	520.00
16	7/10 SWG GI stay wire	Kg	20	77.00	1540.00
17	GI Nut , Bolt & Washer of different sizes	Kg	13	74.00	962.00
18	Danger plate	Set	5	180.00	900.00
19	Back Clamp for Danger board	No.	1.5	72.00	108.00
20	GI barbed wire/Anticlimbing device spike type	kg	15	74.00	1110.00
21	Back Clamp for ACD	pair	6.02	72.00	433.44
22	Fish plate for Supporting LA(50x8mm of Flat,0.97kg/mtr & 0.28Mtr Long for eash)	Kg	3.26	72.00	234.72
23	Black paint (GIS Numbering & Zebra stripping)	Ltr	2.50	212.77	531.92

24	Yellow Paint	Ltr	5	212.77	1063.86
25	Sundries	Ls	1	1000.00	1000.00
A	Total Rs.				82,190.93
	A. Sub total				82,190.93
B	Stock, Storage & Insurance @ 3% of A				2,465.73
C	Sub Total (C=A+B)				84,656.66
D	Contingency @3% of C				2,539.70
E	T & P 2% of C				1,693.13
F	Transportation @ 7.5% of C				6,349.25
G	Erection Charges for PSC Pole @ 20%				3,738.90
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				6,596.22
J	Sub Total Rs.				105,573.86
H	Total				105,573.86
26	Concreting of support with C.C 1:1:5:3 @ 0.375Cum	No.	5	2992.07	14960.34
27	Couping with C.C. 1;1:5:3: for Poles=0.1125	No.	5	748.00	3740.00
28	Survey of incremental/delta network and asset changes of HT network and updatation in GESW database.	Km	0.25	9,633.00	2381.28
29	Cement Concreting for stud pole/stay anchor plate with C.C.1:2:4 as per TPSODL Specification and drawing=0.2cum	No	2	1,329.77	2659.54
	Total Material + Services Cost (J+K)				129,315.02
II	Construction of 3 Ph 5 W LT AB Cable (3x50+1x35+1x16 sq.mm.)=0.21Km				
1	9Mtr long 300 KG PSC Pole excluding Transportation	No	6	3630.00	21780.00
2	RCC Base plate for PSC Pole	No	6	361.34	2168.03
3	Earthing for support (Coil type)	No	6	164.00	984.00
4	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.57	74.00	116.18
5	Pole Clamp For Eye hook for XLPE AB Cable.	No	6	240.00	1440.00
6	Eye Hook for XLPE Aerial cable	No	6	217.00	1302.00
7	Dead End Clamp	No	4	75.00	300.00
8	Susp. Clamp with Eye Hook ABC	No	6	193.00	1158.00
9	LT Stay Set (Complete)	Set	2	350.00	700.00
10	L.T Stay Insulator	No	2	19.00	38.00
11	L.T Stay Clamp	No	2	350.00	700.00
12	7/12 SWG Stay Wire	Kg	16	79.00	1264.00
13	GI Nut , Bolt & Washer of different sizes	Kg	6	74.00	444.00
14	3x50+1x35+1x16 mm2 LT XLPE AB cable	Mtr.	210	186.00	39060.00
15	Danger Board	No	6	180.00	1080.00
16	Back Clamp for Danger board	Kg	1.81	72.00	130.32
17	GI barbed wire/Anticlimbing device spike type	Kg	18	74.00	1332.00
18	Back Clamp for ACD	Kg	7.22	72.00	519.96
19	Black paint	Ltr	3	312.40	937.19
20	Yellow paint	Ltr	6	212.77	1276.63
21	Sundries & minor materials	Ls	1	500.00	500.00
A	Total Rs.				77,230.31
	A. Sub total				77,230.31

B	Stock, Storage & Insurance @ 3% of A				2,316.91
C	Sub Total (C=A+B)				79,547.22
D	Contingency @3% of C				2,386.42
E	T & P 2% of C				1,590.94
F	Transportation @ 7.5% of C				5,966.04
G	Erection Charges for PSC Pole @ 20%				4,486.68
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				5,711.38
J	Sub Total Rs.				99,688.69
H	Total				99,688.69
22	Cement Concreting for stay anchor plate with C.C. 1:2:4, 0.2Cum @ 6177.92/-	No.	2	1329.77	2659.54
23	Concreting of support C.C. 1:1:5:3, 0.375Cum@ 6400/-for 9mtr PSC Pole .	No.	6	2493.32	14959.93
24	Survey of incremental/delta network and asset changes of LT network and updation in GESW database	Km	0.21	9,633.00	2022.93
25	Couping with C.C. 1:1:5:3=0.1125 Cu. @ Rs 6400.00	No.	6	748.00	4488.00
	Total Material + Services Cost (J+K)				123,819.09
III	Installation of 100 KVA 11/0.4KV Sub Station - 1 No.				
1	9 Mtr. long 300 KG PSC Pole excluding Transportation	No	2	3,630.00	7260.00
2	RCC Base plate for PSC Pole	No	2	361.34	722.68
3	Earthing of support Coil Type	No	2	164.00	328.00
4	No. 6 GI wire for earthing	Kg	0.52	74.00	38.48
5	Pressure Channel 100x50x6mm of 2.8Mtr Long 02 Nos	Kg	51.52	78.00	4018.56
6	AB Sw. Mounting Channel75x40x6mm GI	kg	38.08	78.00	2970.24
7	HG Fuse. Mounting Channel75x40x6mm GI	kg	38.08	78.00	2970.24
8	Cantilever Cgannel for supporting HG Fuse 75x40x6mm MS Angle 1.5mtr Long 2Nos (6.8Kg/mtr)	Kg	20.4	78.00	1591.20
9	Angle for cantilever arrangement for HG fuse 50x50x6mm 1.5 mtr long each,2Nos (4.5kg/mtr) with Galvanisation charges	Kg	13.5	78.00	1053.00
10	Back Clamp for Cantilever Angle	Nos	4	140.00	560.00
11	Angle for Mounting of LTDB box 50x50x6 mm 3mtr long each ,(4.5kg/Mtr) with Galvanized charges.	Kg	13.5	78.00	1053.00
12	Channel for AB switch Handle 75x40x6mm, 1Mtr Long 1 No (6.8Kg/mtr) with Galvanized charges.	Kg	6.8	78.00	530.40
13	Belting channel of 75x40x6 mm, 2.8mtr long 2Nos (6.8kg/mtr) with Galvanized charges.	Kg	38.08	78.00	2970.24
14	Bracing Angle for 50x50x6mm, 3.5 mtr long each, 2Nos (4.5kg/mtr) with galvanisation Charges.	kg	25.2	78.00	1965.60
15	11KV AB switch 3Pole, 200A	Set	1	9,080.00	9080.00
16	11KV HG Fuse 3Pole, 200A	Set	1	6,037.00	6037.00
17	12KV, 10KA (Station Class-II) without Surge counter.	Nos	3	1,960.00	5880.00

18	LT Distribution Box (GI) for 100KVA S/S	Nos	1	31,086.00	31086.00
19	1.1 KV Al 1Cx 150 sq. mm Un-armoured Cable	Mtr	28	162.00	4536.00
20	55 SQ. mm AAAC Conductor for DTR Jumping.	Km	0.04	43360.00	1734.40
21	100 KVA , 11/0.4 KV(AL) Transformer BIS Energy Level-II	No	1	189025	189025.00
22	GI Pipe for earthing 40mm dia 3mtr long	No	7	1300.00	9100.00
23	GI Flat 25x4 mm	Kg	80	72.00	5760.00
24	GI Nut, Bolt & washers of different sizes	Kg	25	74.00	1850.00
25	HT Stay Set (Complete)	Set	2	1434.00	2868.00
26	HT Stay Insulator	No.	2	87.00	174.00
27	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	260.00	520.00
28	7/10 SWG Stay Wire	KG	20	77.00	1540.00
29	Danger Board	Nos	2	180.00	360.00
30	Back clamp for danger board	Kg	0.60	72.00	43.33
31	GI barbed wire/Anticlimbing device	kg	6	74.00	444.00
32	Back Clamp for ACD	Kg	2.41	72.00	173.52
33	Fish Plate for LA Fixing (50x8mm of Flat ,0.97kg/Mtr & 0.28 mtr Long for each)	Kg	1.63	72.00	117.36
34	Black colour paint	Ltr	1	212.77	212.77
35	Yellow paint	Ltr	2	212.77	425.54
36	Sundries	LS	1	3,500.00	3500.00
A	Total Rs.				302,498.56
	A. Sub total				302,498.56
B	Stock, Storage & Insurance @ 3% of A				9,074.96
C	Sub Total (C=A+B)				311,573.52
D	Contingency @3% of C				9,347.21
E	T & P 2% of C				6,231.47
F	Transportation @ 7.5% of C				23,368.01
G	Erection Charges for PSC Pole @ 20%				1,495.56
H	Erection Charges of DTR and Joist Poles @ 5%				9,734.79
I	Erection Charges of other @ 10%				10,940.00
J	Sub Total Rs.				372,690.55
H	Total				372,690.55
37	Concreting Ratio for support 1:1:5:3	No.	2	2,991.86	5,983.73
38	Couping with C.C. 1;1:5:3:	No.	2	748.00	1,496.00
39	Survey of incremental/delta network and asset changes of DSS network and updation in GESW database.	No.	1	6,883.00	6,883.00
40	Cement Concreting for stud pole/stay anchor plate with C.C.1:2:4 as per TPSODL Specification and drawing=0.2cum	No	2	1,300.00	2,600.00
41	Material for earthing including masonary work for earth pit, and cement plate cover including salt, charcoal etc.	Nos	7	1600.00	11,200.00
	Total Amount				400,853.28
	Construction of brick bondary wall fencing with sand and metal spreading				

42	Brick boundary wall for fencing, sand Filling, Spreading of Aggregate & also including fixing of MS Grill	R.Mtr	12	7300.12	87601.42
43	Construction of brick bondary wall with sand, metal spreading & Plinth Foundation (M)				87601.42
	Construction of Plinth				
44	Civil cost for making TRF plinth from 100KVA of upto 1000KVA. Provide necessary civil material, manpower, machinery for construction of plinth as per standard drawing	No	1	32181.60	32181.60
45	Civil cost for making Plinth for LTDB. Provide necessary civil material amnpower, Machinery for Construction of plinth as per standard drawing	No	1	6000.00	6000.00
					526636.31
	Sub Total Rs.				₹ 779,770.42
	Cess @ 1%				₹ 7,797.70
	Total Estimated Cost				₹ 787,568.13
	Total Estimated Cost in Figures				₹ 787,568.00
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)**