

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 :- 03 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-E+6-F TYPE STAFF QUARTERS AT PADMAPUR POLICE STATION IN THE DISTRICT OF RAYAGADA.

BID REF NO.-80/PM/ELECT/OPHWC/2025-26

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
PART-I	Conversion of existing 34 sq. mm AAAC to 55 sq. mm AAAC 11 KV Line and Construction of new 11 KV Line.				
1	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.20
2	Back clamp for 11 KV V cross Arm	No.	1	113.60	113.60
3	11 KV F clamp 2.9 Kg each	No	1	340.80	340.80
4	Top Bracket 100x50x6 mm MS Channel(2 Kg each)	No.	6	213.00	1278.00
5	Disc insulator 45 KN (B&S) Polymer	No.	9	1221.20	10990.80
6	11 KV HW fitting (B&S)45 KN, 2 Bolt	No	9	184.60	1661.40
7	11 Kv pin insulator Polymer	No	9	284.00	2556.00
8	HT stay set (Complete)REC Construction standard	No.	3	1491.00	4473.00
9	HT stay Insulator, Type-C	No.	3	71.00	213.00
10	Stay clamp(1.9 Kg/Pair)	pair	3	177.50	532.50
11	7/10 SWG GI Stay wire, grade-2	Kg	30	106.50	3195.00
12	Earthing Device coil type GI	No	2	235.72	471.44
13	GI Nuts and Bolts of assorted size	Kg	5	110.76	553.80
14	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	66.24	106.50	7054.56
15	WPB 160x152 mm (30.44 Kg/Mtr.)11 Mtr. Long with Base Plate 300x300x12	No.	2	34321.52	68643.04
16	55 sq. mm AAAC	Km	0.2163	42600.00	9214.38
17	PG clamp for 55 sq. mm AAAC	Nos.	9	681.60	6134.40
18	Fish Plate 50x8 mm, 0.97 Kg/Mtr., each 0.280 Mtr. Length	Kg	2.444	106.50	260.29
19	Galvanisation of RS & MS materials	Kg	25.1	14.20	356.42
20	Danger Board	No	2	113.60	227.20
21	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60

22	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.612	106.50	65.18
23	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	2.448	106.50	260.71
24	Sundries	Ls	1	1000.00	1000.00
	A.Sub Total Rs.				121,427.32
B	Stock,storage and insurance (@3% on A)				3642.82
C	TOTAL RS.				125070.14
D	T&P @ 2% of C				2501.40
E	Contingency @ 3% of C				3752.10
F	Transportation @ 7.5% of C				9380.26
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				8971.90
H	TOTAL RS.				149675.80
25	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @66648.85	Nos.	3	1329.77	3989.31
26	Couping of poles in ratio 1:1:5:3, 0.1125 cum @66648.85	Nos.	2	748.00	1496.00
27	Concreting of WPB poles in ratio 1:1:5:3=0.45 cum @6648.85	Nos.	2	2991.98	5983.96
28	Dismantling of 34-55 sq. mm AAAC	Mtr.	40	6.44	257.60
29	Survey of incremental / delta network and assets changes of 11 KV network and updatation in GESW database.	Km	0.071	9633.00	683.94
					162086.62
PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
1	9 Mtr. Long 300 Kg PSC Pole	No	2	4260.00	8520.00
2	8 Mtr. Long 200 Kg PSC Pole	No	2	2840.00	5680.00
3	RCC Base Plate	No	4	361.34	1445.36
4	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
5	Transformer mounting GI channel 100x50x5 mm-2.8 Mtr. Long,2 Nos.(9.56 Kg/mtr)	K.g	51.52	106.50	5486.88
6	AB switch & HG Fuse mounting GI channel(75x40x6)mm,each 2.8mtr long, 4 Nos. (6.8 Kg/mtr)	K.g	76.2	106.50	8115.30
7	Cantilever GI Channel for supporting HG Fuse,75x40x6mm MS Angle -1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1448.40
8	Cantilever GI Channel for supporting HG Fuse,50x50x6mm MS Angle -1 Mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	106.50	958.50
9	Angle for Cantilever arrangement for AB Switch and HG Fuse 50x50x6 mm 2 Mtr. Long each 2 Nsos.(4.5 Kg/Mtr.)	Kg.	18	106.50	1917.00

10	Transformer Belting Angle GI 50x50x6mm ,2.8 mtr long(4.5 K.g/mtr)with side angle Total 7 mtr.	K.g	31.5	106.50	3354.75
11	LT Distribution Box mounting angle GI(50x50x6)3 Mtr. Long (4.5 Kg/Mtr.)	Kg	13.5	106.50	1437.75
12	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
13	11 KV HW fitting (B&S)45 KN	No	3	184.60	553.80
14	11KV AB switch 3 pole(200 Amp, 50 Hz,Polymer type insulator, Horizontal type)	Set	1	10437.00	10437.00
15	11KV HG fuse 3 pole(200 Amp, 3 pole, 50 Hz,Polymer type insulator, Horizontal type)	Set	1	8690.00	8690.00
16	11 KV LA(9 KV, 10 KA)DH class	No.	3	1420.00	4260.00
17	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	34674.98	34674.98
18	Spike GI using 50x6 mm flat welded with 8 mm square bar(2 Nos. spike per set in each pole)	No	4	220.00	880.00
19	Stud Clamp/ Stay clamp	No	4	177.50	710.00
20	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
21	Earthing Device coil type GI	No	2	235.72	471.44
22	No.6 GI wire	Kg	35	106.50	3727.50
23	25x6 mm GI flat for earthing	Kg	25	106.50	2662.50
24	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2769.00
25	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	166140.00	166140.00
26	120 sq. mm 3.5 core LT PVC Cable(Un-armoured)	Mtr.	12	593.56	7122.72
27	Danger Board	No.	4	113.60	454.41
28	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
29	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	12	113.60	1363.20
30	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	106.50	256.35
31	Sundries(Pole Numbering, Zebra painting, Binding wire and other acessories)	Ls	1	3000.00	3000.00
	A.Sub Total Rs.				306,188.43
B	Stock,storage and insurance (@3% on A)				9185.65
C	TOTAL RS.				315374.08
D	T&P @ 2% of C				6307.48
E	Contingency @ 3% of C				9461.22
F	Transportation @ 7.5% of C				23653.06
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				24443.80
H	TOTAL RS.				379239.64

32	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
33	Concreting of Support in ratio 1:1:5:3=0.375 cum @6648.85	Nos.	4	2493.32	9973.28
34	Couping of poles in ratio 1:1:5:3, 0.1125 cum @66648.85	Nos.	4	748.00	2992.00
35	Survey and digitization of new DSS and its internals including attrubutes.	No.	1	6883.00	6883.00
36	Survey and digitization of new MCCB/ LTDB and its internals including attrubutes.	Job	1	6883.00	6883.00
37	Filling Sand @ Rs.431.60/cmt for (8ftx12ftx1/2 ft)=48cft=1.359 cmt	No.	1	1390.12	1390.12
38	Metal spreading of 40 mm size HGB Metal @ 981.36/cmt for (8ftx12ftx1/4 ft)=24 cft=0.679 cmt	No.	1	666.75	666.75
39	Brick wall Boundary with grill gate as per TPSODL(3X3)Mtr.as per TPSODL	Mtr.	12	7300.12	87601.44
					506829.23
PART-III	LT LINE-0.120 Km(4x50+1x50+1x16) sq. mm AB Cable				
1	9 Mtr. Long 300 KG PSC Pole	No	4	4260.00	17040.00
2	4x50+1x50+1x16 sqmm AB Cable	Mtr.	120	206.22	24746.40
3	Pole clamp for eye Hook for AB cable	No	7	284.00	1988.00
4	Dead end clamp suitable for XLPE cable	No	4	92.30	369.19
5	Eye hook for AB Dead End cable	No.	3	85.20	255.61
6	Suspension clamp with I Hook for ABC	No.	3	482.80	1448.40
7	L.T Stay set (Complete)	Set	2	738.40	1476.80
8	L.T Stay Insulator	No.	2	42.60	85.20
9	L.T Stay Clamp(1.4 K.g/Pair)	Pair	2	156.20	312.40
10	7/12 SWG Stay Wire	Kg	16	106.50	1704.00
11	Base plate for support	No.	4	408.00	1632.00
12	GI Nuts and Bolts of assorted size	Kg	3	110.76	332.28
13	Earthing device coil type(GI)	No	4	235.72	942.88
14	No. 6 GI wire for earthing	Kg	1.04	106.50	110.76
15	Insulated piercing connector.Type-A-main 16 to 95 sq.mm to Tap-16 to 95 to 10 sq.mm	No	10	113.60	1136.02
16	Insulated piercing connector.Type-B-main 16 to 95 sq.mm to Tap-2.5 to 10 sq.mm	No	2	56.80	113.59
17	Danger Board	No.	4	113.60	454.40
18	GI Back clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	1.236	106.50	131.63
19	Sundries(Zebra painting, Piercing connector, Insulation Tape and other acessories)	Ls	1	2000.00	2000.00
	Total Rs.				56,279.56
	A.Sub Total Rs.				56,279.56
B	Stock,storage and insurance (@3% on A)				1688.39
C	TOTAL RS.				57967.95
D	T&P @ 2% of C				1159.36
E	Contingency @ 3% of C				1739.04
F	Transportation @ 7.5% of C				4347.60

G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				7551.91
H	TOTAL RS.				72765.85
20	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	2	1329.77	2659.54
21	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	4	748.00	2992.00
22	Concreting of PSC poles in ratio 1:1:5:3=0.375 cum @6400	Nos.	4	2493.92	9975.68
23	Dismantling of LT Line	Mtr.	20	23.02	460.40
24	Survey of incremental / delta network and assets changes of LT network and upation in GESW database.	Km	0.12	9633.00	1155.96
					90009.43
	Sub Total Rs.				758,925.28
	Cess @ 1%				7,589.25
	Total Estimated Cost				766,514.53
	Total Estimated Cost in Figures				766,515.00
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)**