

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 07 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F TYPE STAFF QUARTERS AT RAIRANGPUR RURAL POLICE STATION & 4-E TYPE STAFF QUARTERS AT RAIRANGPUR POLICE STATION IN THE DISTRICT OF MAYURBHANJ.

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.
I	Construction of 11 KV Line				
1	11 Mtr. Long 150x150 mm GI Joist Pole	No.	2	42,921.13	85,842.26
2	9 Mtr. Long 150x150 mm GI Joist Pole	No.	1	31,058.92	31,058.92
3	Base Plate	No.	3	2,255.55	6,766.65
4	11 K.V. V cross arm	No.	2	1,218.00	2,436.00
5	Top Bracket 100x50x6 mm GI channel	EA	2	360.89	721.78
6	55 sq. mm AAAC XLPE Covered conductor	Mtr.	123.6	63.59	7,859.72
7	PG clamp for 55 sq. mm AAA conductor	No	3	721.78	2,165.34
8	11 KV Pin Insulator polymer	No.	6	300.74	1,804.44
9	11 KV B&S Hardware (70KN)	set	3	526.30	1,578.90
10	Disc insulator(B&S)70 KN Polymer	No	3	1,729.26	5,187.78
11	Back clamp for V Cross Arm	No.	2	120.30	240.60
12	Earthing support coil type	No	2	249.61	499.22
13	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	30	112.78	3,383.40
14	Danger Plate	No	3	120.30	360.90
15	Back clamp for Danger Plate,25x3 mm flat	No	0.93	112.78	104.89
16	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	6	120.30	721.80

17	Back clamp for Anticlimbing Device	Kg	3	112.78	338.34
18	GI nut,bolt & washer	Kg	5	117.29	586.45
19	Black paint	Ltr.	3	330.81	992.43
20	Yellow colour paint for Back ground	Ltr.	3	162.00	486.00
A	TOTAL MATERIAL COST				153,135.82
B	Stock, Storage & Insurance @ 3% of A				4,594.07
C	Sub Total (C=A+B)				157,729.89
D	Contingency @3% of C				4,731.90
E	T & P 2% of C				3,154.60
F	Transportation @ 7.5% of C				11,829.74
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				6,020.41
I	Erection Charges of other @ 10%				3,732.17
J	Sub Total				187,198.71
21	Concreting ratio 1:1:5:3(500x500x1800)	M3	1.35	6500.00	8,775.00
22	Couping ratio 1:1:5:3(500x500x1500)	M3	0.336	6500.00	2,184.00
	Total Rs.				198,157.71
II	INSTALLATION OF 100 KVA S/S.				
1	11 Mtr. Long 150x150 mm GI Joist Pole	No.	2	42,921.13	85,842.26
2	Top GI Channel 100x50x6 mm	Kg	131.3	112.78	14,802.38
3	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.54	112.78	399.24
4	Channel 75x40x4.8 mm	Kg.	145.8	112.78	16,443.32
5	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	52.75	112.78	5,949.15
6	GI Flat 25x6 mm	Kg	50	112.78	5,639.00
7	100 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	175,932.00	175,932.00
8	LT Distrubution Box with MCCB, Aluminim Busbar of 2 Bay with kit kat Fuse for 100 KVA S/S.	No	1	36,718.85	36,718.85
9	55 sq. mm AAAC	Mtr.	50	45.11	2,255.50
10	4 Core 150 sq. mm LT PVC cable(Un Armoured)	Mtr	15	953.11	14,296.65
11	AB switch 11 KV 200A 3 pole	Set	1	11,051.68	11,051.68

12	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9,202.22	9,202.22
13	PG clamp for 55 sq. mm AAA conductor	No.	3	721.78	2,165.34
14	11 KV B&S Hardware (70KN)	set	3	526.30	1,578.90
15	Disc insulator(B&S)70 KN Polymer	No	3	1,729.26	5,187.78
16	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5,337.89	16,013.67
17	11 KV pin insulator Polymer	No.	3	300.74	902.22
18	HT stay set complete	Pair	2	1,578.89	3,157.78
19	HT Stay Insulator	No.	2	75.19	150.38
20	HT stay clamp	Pair	2	187.96	375.92
21	7/10 SWG Stay wire	Kg	20	112.78	2,255.60
22	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1,578.89	7,894.45
23	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2,932.25
24	GI Barbed wire anticlimbing device 3 Kg	Kg	4	120.30	481.20
25	Back clamp for anticlimbing Device 25x3	Kg	2.4	112.78	270.67
26	Danger Plate(LT)	No.	2	120.30	240.60
27	Name Plate	No.	1	120.30	120.30
28	Black paint	Ltr	1	330.81	330.81
29	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
30	Back clamp for Danger Plate,25x3 mm flat	Kg	0.6	112.78	67.67
A	Sub total Rs.				422,981.79
B	Stock, Storage & Insurance @ 3% of A				12,689.45
C	Sub Total (C=A+B)				435,671.24
D	Contingency @3% of C				13,070.14
E	T & P 2% of C				8,713.42
F	Transportation @ 7.5% of C				32,675.34
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				13,481.42
I	Erection Charges of other @ 10%				15,179.46
J	Sub Total				518,791.02

31	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.95	6,500.00	6,175.00
32	Couping ratio 1:1:5:3(500x500x450)	M3	0.226	6,500.00	1,469.00
33	Fixing of 11 KV Line complete Set	Set	2	2,301.53	4,603.06
34	Construction of earth chamber	No	5	4,603.05	23,015.25
35	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	3,682.00	55,230.00
	Total Rs.				609,283.33
III	LT LINE -0.189 Km				
1	9 mtr Long 150x150 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	6	31,058.92	186,353.52
2	LT Stay set complete	Set	6	781.92	4,691.52
3	7/12 SWG GI stay wire	Kg	60	112.78	6,766.80
4	LT stay insulator	No.	6	165.40	992.40
5	LT stay clamp	No.	6	45.11	270.66
6	Pole clamp with I hook(ABC)	Pair	6	300.74	1,804.44
7	Eye Hook for XLPE Cable	No.	6	90.22	541.32
8	Dead end clamp	No.	2	97.74	195.48
9	Suspension clamp with I hook	No.	4	511.26	2,045.04
10	LT XLPE AB cable(3x50+1x35+1x16) sq. mm	Mtr.	189	210.52	39,788.28
11	Insulated Piercing connector,Type-A	Nos.	4	120.30	481.20
12	Coil Earthing	No	6	249.61	1,497.66
13	Danger plate (LT)	Nos.	6	120.30	721.80
14	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	1.86	112.78	209.77
15	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	12	120.30	1,443.60
16	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	6	112.78	676.68
17	GI Nuts, Bolts, & washers of different sizes	Kg	3	117.29	351.87
18	Black paint	Ltr	6	330.81	1,984.86
19	Yellow colour paint for Back ground	Ltr	6	162.00	972.00

A	Total Rs.				251,788.90
B	Stock, Storage & Insurance @ 3% of A				7,553.67
C	Sub Total (C=A+B)				259,342.57
D	Contingency @3% of C				7,780.28
E	T & P 2% of C				5,186.85
F	Transportation @ 7.5% of C				19,450.69
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				9,597.21
I	Erection Charges of other @ 10%				5,429.54
J	Sub Total				306,787.14
20	Fixing of LT complete stay set	No	6	2,301.53	13,809.18
21	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr.	2.25	6,500.00	14,625.00
					28,434.18
					335,221.32
IV	CONSTRUCTION OF CRADLE GUARDING FOR ROAD CROSSING				
1	75X40X6 MM Channel -2x2.2 Mtr.@7.1 Kg	Kg	30	112.78	3,383.40
2	Eye Bolts(16 mm)	Nos.	4	90.22	360.88
3	6 SWG (4.9 mm) GI wire for Tension	Kg	20	112.78	2,255.60
4	8 SWG (4.06 mm) GI wire for Lacing	Kg	33.5	112.78	3,778.13
5	GI Nuts, Bolts, & washers of different sizes	Kg	5	117.29	586.45
A	Total Rs.				10,364.46
B	Stock, Storage & Insurance @ 3% of A				310.93
C	Sub Total (C=A+B)				10,675.39
D	Contingency @3% of C				320.26

E	T & P 2% of C				213.51
F	Transportation @ 7.5% of C				800.65
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				1,067.54
J	Sub Total				13,077.36
	Sub Total Rs.				1,155,739.72
	Cess @1%				11,557.40
	Total Estimated Cost				1,167,297.12
	Total Estimated Cost in Figures				1,167,297.00
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)**