THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
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[Electrical Division]
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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 MANOHARPUR POLICE STATION IN THE DIST. OF KEONJHAR.

BID REF NO :-27/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-A				
I	**Construction of 11 KV Line**				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	12	37762.42	453,149.04
2	WPB (GI) Pole 160x160 (9 Mtr. Long)30.4 Kg/Mtr.	No.	4	25187.98	100,751.92
3	11 K.V. V cross arm	No.	9	1218.00	10,962.00
4	99 sq. mm AAAC XLPE Covered conductor	Mtr.	1854.000	248.68	461,052.72
5	PG clamp for 100 sq. mm AAA conductor	No	18	872.15	15,698.70
6	11 KV Pin Insulator polymer	No.	27	300.74	8,119.98
7	11 KV B&S Hardware (70KN)	set	18	526.30	9,473.40
8	Disc insulator(B&S)70 KN Polymer	No	18	1729.26	31,126.68
9	Back clamp for V cross arm	No.	9	120.30	1,082.70
10	Earthing support coil type	No	16	249.61	3,993.76
11	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	150	112.78	16,917.00
12	Danger Plate	No	16	120.30	1,924.80
13	Back clamp for Danger Plate	No	4.96	112.78	559.39
14	HT stay set complete	Pair	1	1578.89	1,578.89
15	HT Stay Insulator	No.	1	75.19	75.19
16	HT stay clamp	Pair	1	187.96	187.96
17	7/10 SWG Stay wire	Kg	10	112.78	1,127.80
18	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	32	120.30	3,849.60

19	Back clamp for Anticlimbing Device	Kg	16	112.78	1,804.48
20	GI nut,bolt & washer	Kg	32	117.29	3,753.28
21	Black paint	Ltr.	8	330.81	2,646.48
22	Yellow colour paint for Back ground	Ltr.	16	249.61	3,993.76
A	TOTAL MATERIAL COST				**1,133,829.53**
B	Stock, Storage & Insurance @ 3% of A				**34,014.89**
C	Sub Total (C=A+B)				**1,167,844.41**
D	Contingency @3% of C				**35,035.33**
E	T & P 2% of C				**23,356.89**
F	Transportation @ 7.5% of C				**87,588.33**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**28,525.90**
I	Erection Charges of other @ 10%				**59,426.75**
J	Sub Total				**1,401,777.62**
23	Fixing of 11 KV line complete stay set.	Set	2	**2302.00**	**4,604.00**
24	Concreting ratio 1:1:5:3(500x500x1500)	M3	6	**6500.00**	**39,000.00**
25	**Total Rs.**				**1,445,381.62**
26	**Labour cost for Dismantling +Transportation charges**				**12,051.00**
27	**Sub Total Rs.**				**1,457,432.62**
	PART-B				
I	**Construction of 11 KV Line**				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	3	37762.42	113,287.26
2	WPB (GI) Pole 160x160 (9 Mtr. Long)30.4 Kg/Mtr.	No.	1	25187.98	25,187.98
3	11 K.V. V cross arm	No.	1	1218.00	1,218.00
4	99 sq. mm AAAC XLPE Covered conductor	Mtr.	61.800	248.68	15,368.42
5	PG clamp for 55 sq. mm AAA conductor	No	9	721.78	6,496.02
6	11 KV Pin Insulator polymer	No.	6	300.74	1,804.44
7	11 KV B&S Hardware (70KN)	set	9	526.30	4,736.70
8	Disc insulator(B&S)70 KN Polymer	No	9	1729.26	15,563.34
9	Lightning arrestor ,12 KV- 10KA	No	3	5337.89	16,013.67
10	AB switch(11 KV,400 A ,3 pole, 50 HZ)	Set	1	17818.66	17,818.66

11	Back clamp for V cross arm	No.	1	120.30	120.30
12	Earthing support coil type	No	4	249.61	998.44
13	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	110	112.78	12,405.80
14	Double Pole Belting Channel 75x40x4.8 mm	Kg	80	112.78	9,022.40
15	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg	50	112.78	5,639.00
16	Danger Plate	No	4	120.30	481.20
17	Back clamp for Danger Plate	No	1.24	112.78	139.85
18	HT stay set complete	Pair	2	1578.89	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 earthing 40 mm dia medium gauge 3 Mtrs. Long	No	3	1578.89	4,736.67
23	50x6 mm GI Flat for neutral earthing	Kg	40	112.78	4,511.20
24	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	8	120.30	962.40
25	Back clamp for Anticlimbing Device	Kg	4	112.78	451.12
26	GI nut,bolt & washer	Kg	20	117.29	2,345.80
27	Black paint	Ltr.	4	330.81	1,323.24
28	Yellow colour paint for Back ground	Ltr.	4	249.61	998.44
A	TOTAL MATERIAL COST				**267,570.03**
B	Stock, Storage & Insurance @ 3% of A				**8,027.10**
C	Sub Total (C=A+B)				**275,597.13**
D	Contingency @3% of C				**8,267.91**
E	T & P 2% of C				**5,511.94**
F	Transportation @ 7.5% of C				**20,669.78**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**7,131.47**
I	Erection Charges of other @ 10%				**12,197.10**
J	Sub Total				**329,375.34**
29	Fixing of 11 KV line complete stay set.	Set	2	**2302.00**	**4,604.00**
30	Concreting ratio 1:1:5:3(500x500x1500)	M3	1.5	**6500.00**	**9,750.00**
	Total Rs.				**343,729.34**
II	**LT LINE**				

1	9 mtr Long 300 KG PSC Pole	No.	9	4510.89	40,598.01
2	LT Stay set complete	Set	4	781.92	3,127.68
3	7/12 SWG GI stay wire	Kg	40	112.78	4,511.20
4	LT stay insulator	No.	4	45.11	180.44
5	LT stay clamp	No.	4	165.40	661.60
6	Pole clamp with I hook(ABC)	Pair	9	300.74	2,706.66
7	Eye Hook for XLPE AB Cable	No.	9	90.22	811.98
8	Dead end clamp	No.	4	97.74	390.96
9	Suspension clamp with I hook	No.	5	511.26	2,556.30
10	LT XLPE AB cable(3x50+1x35) sq. mm	Mtr.	315	195.48	61,576.20
11	Insulated Piercing connector Type-A main	No	20	120.30	2,406.00
12	Coil Earthing	No	9	249.61	2,246.49
13	Danger Plate(LT)	No.	9	120.30	1,082.70
14	Back clamp for Danger Plate 25x3 mm Flat	Kg	2.708	112.78	305.41
15	Back clamp for anticlimbing Device 25x3	Kg	9	112.78	1,015.02
16	GI Barbed wire anticlimbing device 3 Kg	Kg	18	120.30	2,165.40
17	GI Nuts, Bolts, & washers of different sizes	Kg	9	117.29	1,055.61
18	Black paint	Ltr	9	330.81	2,977.29
19	Yellow colour paint for Back ground	Ltr	9	249.61	2,246.49
A	Total Rs.				**132,621.44**
B	Stock, Storage & Insurance @ 3% of A				**3,978.64**
C	Sub Total (C=A+B)				**136,600.08**
D	Contingency @3% of C				**4,098.00**
E	T & P 2% of C				**2,732.00**
F	Transportation @ 7.5% of C				**10,245.01**
G	Erection Charges for PSC Pole @ 20%				**8,363.19**
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				**8,604.88**
J	Sub Total				**170,643.16**
19	Fixing of LT complete stay set	No	4	**2250.00**	**9,000.00**
29	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr.	3.375	**6500.00**	**21,937.50**
					30,937.50
	Total Rs.				**201,580.66**
III	**INSTALLATION OF 63 KVA S/S.**				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	37762.42	75,524.84

2	Top GI Channel 100x50x6 mm	Kg	131.26	112.78	14,803.39
3	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.965	112.78	447.17
4	MU Channel GI 75x40x4.8 mm	Kg	145.8	112.78	16,443.21
5	Cantilever support angle 50x50x6 mm	Kg	52.75	112.78	5,949.15
6	GI Flat 50x6 mm	Kg	154.816	112.78	17,460.15
7	63 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	130064.02	130,064.02
8	LT Distrubution Box 1P upto 25 KVA with Kitkat Fuse 100A.	No	1	27549.51	27,549.51
9	55 sq. mm AAAC	Mtr.	50	63.89	3,194.50
10	4 Cx 95 sq. mm LT XLPE cable(Un Armoured)	Mtr	15	554.75	8,321.25
11	AB switch 11 KV 200A 2 pole Horizontal	Set	1	11051.68	11,051.68
12	Fuse Horn Gap 11 KV 2 pole complete 200A	Set	1	9202.22	9,202.22
13	PG Clamp for 55 sq. mm AAAC	No.	6	721.78	4,330.68
14	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1729.26	5,187.78
15	11 KV H/W fitting polymer type	Pair	3	526.3	1,578.90
16	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5337.89	16,013.67
17	11 KV pin insulator Polymer	No.	3	300.74	902.22
18	HT stay set complete	Pair	2	1578.89	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	30	112.78	3,383.40
22	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1578.89	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	6	120.30	721.80
25	Back clamp for anticlimbing Device 25x3	Kg	2.407	112.78	271.46
26	Danger Plate(LT)	No.	2	120.30	240.60
27	Back clamp for Danger Plate 25x3 mm Flat	Kg	0.602	112.78	67.89
28	Name Plate	No	1	120.30	120.30
29	Black paint	Ltr	1	330.81	330.81
30	Yellow colour paint for Back ground	Ltr	2	249.61	499.22
	Sub total Rs.				**368,170.60**
B	Stock, Storage & Insurance @ 3% of A				**11,045.12**
C	Sub Total (C=A+B)				**379,215.72**
D	Contingency @3% of C				**11,376.47**

E	T & P 2% of C				7,584.31
F	Transportation @ 7.5% of C				28,441.18
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				10,587.83
I	Erection Charges of other @ 10%				14,347.85
J	Sub Total				451,553.37
31	Concreting ratio 1:1:5:3(500x500x1800)mm	Cumtr.	0.9	6500.00	5,850.00
32	Couping ratio 1:1:5:3(500x500x450)mm	Cumtr.	0.226	6500.00	1,469.00
33	Fixing of stay set with 0.5 cum cement concrete	No.	2	2301.53	4,603.06
34	Laying of 4Cx95 sq. mm LT XLPE Cable	Mtr.	15	47.87	718.05
35	Construction of earth chamber	No	5	4603.05	23,015.25
36	Supply and erection of GI fencing with Gate as per TPNODL.	M2	12	3682.00	44,184.00
38	**Total Rs.**				531,392.73
	Sub Total Rs. (Part-A+Part-B)				2,534,135.35
	Cess @1%				25,341.35
	Total Estimated Cost				2,559,476.70
	Total Estimated Cost in Figures				2,559,477.00
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)