

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 :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO SPORTS COMPLEX AT RAIRANGPUR IN THE DISTRICT OF MAYURBHANJ.

BID REF NO :- 23/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-A				
I	Construction of 11 KV Line				
1	11 Mtr. Long 150X150 MM GI Joist Pole 34.6 Kg/Mtr.	No.	5	42921.13	214605.65
2	11 K.V. V cross arm	No.	4	1218.00	4872.00
3	Top bracket 100x50x6 mm GI channel	Nos	4	360.89	1443.56
4	99 sq. mm AAAC XLPE Covered conductor	Mtr.	772.500	248.68	192105.30
5	PG clamp for 100 sq. mm AAA conductor	No	12	872.15	10465.80
6	11 KV Pin Insulator polymer	No.	18	300.74	5413.32
7	11 KV B&S Hardware (70KN)	set	12	526.30	6315.60
8	Disc insulator(B&S)70 KN Polymer	No	12	1729.26	20751.12
9	IPC for 99 sq. mm AAA Conductor	No	12	429.13	5149.56
10	Back clamp for V cross arm	No	4	120.30	481.20
11	Earthing support coil type	No	7	249.61	1747.27
12	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	70	112.78	7894.60
13	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.965	112.78	447.1727
14	Double Pole Belting Channel 75x40x4.8 mm	Kg	47.4	112.78	5345.77
15	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg	48.7	112.78	5492.39
16	Danger Plate	No	7	120.30	842.10
17	Back clamp for Danger Plate	No	4.2	112.78	473.68

18	HT stay set complete	Pair	4	1578.89	6315.56
19	HT Stay Insulator	No.	8	75.19	601.52
20	HT stay clamp	Pair	4	187.96	751.84
21	7/10 SWG Stay wire	Kg	60	112.78	6766.80
22	50x6 mm GI Flat for earthing	Kg	11.8	112.78	1330.80
23	Aniclimbing device made of GI barbed wire ,clamping arrangement etc. (2 Kg per support)	Kg	6	120.30	721.80
24	Back clamp for Anticlimbing Device	Kg	2.4	112.78	270.67
25	GI nut,bolt & washer	Kg	20	117.29	2345.80
26	Black paint	Ltr.	0.25	330.81	82.70
27	Yellow colour paint for Back ground	Ltr.	0.5	249.61	124.81
A	TOTAL MATERIAL COST				503158.39
B	Stock, Storage & Insurance @ 3% of A				15094.75
C	Sub Total (C=A+B)				518253.14
D	Contingency @3% of C				15547.59
E	T & P 2% of C				10365.06
F	Transportation @ 7.5% of C				38868.99
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				11024.35
I	Erection Charges of other @ 10%				28233.99
J	Sub Total				622293.12
28	Fixing of 11 KV line complete stay set.	Set	4	2301.53	9206.12
29	Concreting ratio 1:1:5:3(500x500x1500)	M3	2.25	6500.00	14625.00
30	Couping ratio 1:1:5:3(500x500x450)mm	Cumtr.	0.562	6500.00	3653.00
	Sub Total				27484.12
	Total Rs.				649777.24
II	ASSOCIATED MATERIALS FOR 11 KV METERING UNIT				
1	10 Core 2.5 sq. mm Cu contro cable	Mtr.	12	496.22	5954.64
2	16 mm MS Bolt & Nuts with washer	Kg	10	117.29	1172.90
3	25x6 mm GI flat for Earthing	Kg	20	112.78	2255.60
4	50x6 mm GI flat for Earthing	Kg	20.000	112.78	2255.60
5	40 mm nominal bore GI pipe (Medium gauge)	Nos	4	1578.89	6315.56
6	Lightning arrestor ,12 KV- 10KA	No	3	5337.89	16013.67
A	TOTAL MATERIAL COST				33967.97
B	Stock, Storage & Insurance @ 3% of A				1019.04
C	Sub Total (C=A+B)				34987.01
D	Contingency @3% of C				1049.61

E	T & P 2% of C				699.74
F	Transportation @ 7.5% of C				2624.03
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				2848.19
J	Sub Total				42208.58
7	Construction of earthing chamber	Nos.	4	4603.05	18412.20
	Total Rs.				60620.78
	Sub Total Rs.				710398.02
	PART-B				
	INSTALLATION OF 500 KVA S/S				
1	150x150mm RS Joist (11 Mtr long) (34.6kg per meter)(Each 380.6kg)	No	4	24739	98,956.00
2	11 KV Pin Insulator (Polymer)	No	6	200.00	1,200.00
3	11 KV B&S Hardware (70KN)	No	6	350.00	2,100.00
4	Disc insulator(B&S)70 KN Polymer	No	6	1150.00	6,900.00
5	100 x 50 x 6 mm GI Channel (each 2.8 Mtr Long) (9.2kg/mtr)*2 nos	Kg	187.072	75.00	14,030.40
6	75 x 40 x 6 mm GI Channel (each 2.8 Mtr Long 7.14 kg/mtr) with side angle	Kg	132.368	75.00	9,927.60
7	50 x 50 x 6mm GI Angle (each 2.8 Mtr Long 4.5kg/mtr)with side angle	Kg	67.5	75.00	5,062.50
8	HT Stay Set (Complete)	Set	4	1050.00	4,200.00
9	HT Stay Insulator	No	4	50.00	200.00
10	HT Stay Clamp	Pair	4	125.00	500.00
11	7/10 SWG Stay wire	Kg	40	75.00	3,000.00
12	Fish Plate	Kg	8	75.00	600.00
13	55 sq mm Insulated Conductor	Km	0.040	75920.14	3,036.81
14	500 KVA, 11/0.4 KV (CU) Transformer with tap changer, BIS Energy level-II	No	1	580,000.00	580,000.00
15	LT Distribution Box with MCCB, Aluminium Busbar for 3 Bay with kit-kat fuse for 500 KVA S/S	No	1	97,360.00	97,360.00
16	AB Switch (11KV.400.3Pole,50Hz)	Set	1	11850.00	11,850.00
17	HG Fuse (11KV.400A.3Pole)with PI	Set	1	11530.00	11,530.00
18	Lightning Arrester(12KV, 3KA) Station Class	No	3	2250.00	6,750.00
19	PG clamp for AAA conductor	No	12	580.00	6,960.00
20	GI Pipe Earthing 40 Dia Medium gage 3 mtrs Long	No	5	1050.00	5,250.00

21	Earthing Materials	LS	5	1890.00	9,450.00
22	25x6mm GI Flat for earthing	Kg	38	75.00	2,850.00
23	No-6/8 GI wire (Dia 4.6 mm)	Kg	8	75.00	600.00
24	GI Nut, Bolt & Washer of Different sizes	Kg	20	78	1,560.00
25	3.5 Cx 300mm ² LT PVC Cable (un armoured)	Mtr	20	994	19,880.00
26	Danger plate	No	2	80.00	160.00
27	All Cable Sockets	No	27	52	1,404.00
28	Anti Climbing Device made of GI barbed wire, Clamping arrangement etc. (2kg per support)	Kg	4	80.00	320.00
29	Sundries for survey, PVC tape, Ampire Tape, Danger Board, Small size nut & bolt preparation of drawing cable socket etc.	LS	1	2000.00	2,000.00
30	Total landed Cost of material				907637.3056
31	Total Material Cost (2019 - 20) @ 6% escalation				962095.5439
32	Total Material Cost (2020 - 21) @ 6% escalation				1019821.277
33	Total Material Cost (2021 - 22) @ 6% escalation				1081010.553
34	Total Material Cost (2022 - 23) @ 6% escalation				1145871.186
35	Total Material Cost (2023 - 24) @ 6% escalation				1214623.458
36	Total Material Cost (2024 - 25) @ 6% escalation				1287500.865
A	Total Material Cost (2025 - 26) @ 6% escalation				1364750.917
B	Stock, Storage & Insurance @ 3% of A				40942.53
C	Sub Total (C=A+B)				1405693.44
D	Contingency @3% of C				42170.80
E	T & P 2% of C				28113.87
F	Transportation @ 7.5% of C				105427.01
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				52576.29
I	Erection Charges of other @ 10%				35416.77
J	Sub Total				1669398.18
	Civil works				
37	Material cost for Concreting of 11 Mtr RS Joist Pole 2.13 mtr x 0.40 mtr x 0.40 mtr = 0.34 cum (PCC 1:3:6) @ 6500	No	4	2215.2	8860.8

38	Material cost for Concreting of stay (1.65mtr x 0.3mtr x 0.3mtr = 0.150 cum- PCC 1:3:6)@6500	No	4	965.00	3860
39	Sub-Stn. Brick Boundary Wall with 1 Mtr gate and Metal Spreading	LS	1	70000.00	70000
40	Cost of Transformer Plinth	LS	1	35000.00	35000
	Total cost				1787118.98
	Sub Total Rs. (PART-A+PART-B)				2,497,517.00
	Cess @1%				24,975.17
	Total Estimated Cost				2,522,492.17
	Total Estimated Cost in Figures				2,522,492.00
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)