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 :- 05 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO "MULTIPURPOSE RECREATIONAL PARK WITH FOOD COURT & PARKING SPACE ALONG WITH BEAUTIFICATION OF CIRCLE & MEDIAN NEAR BELL VIEW SQUARE OF KATHAJODI RIVER RING ROAD SIDE NEAR JUDICIAL ACADEMY FOR CMC, KATAKA" IN THE DISTRICT OF KATAKA.

BID REF NO :-38/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	**11 KV LINE**				
A	**11 KV DP WITHOUT AB SWITCH**				
1	WPB (GI) Pole 160x152 13 Mtr. Long for DP	No	2	33,970.00	67,940.00
2	GI Channel, angle & flat of different size	Kg	179.189	78.00	13,976.74
3	Danger Plate	No.	2	180.00	360.00
4	H.T. Stay clamp	No.	2	260.00	520.00
5	H.T. Stay set (Complete)	Set	2	1,434.00	2,868.00
6	H.T. Stay Insulator Type-C	No.	2	87.00	174.00
7	7/10 SWG Stay Wire	KG	30	77.00	2,310.00
8	Gi Pipe Earthing 40mm. 3 Mtr. Long	No.	2	1,300.00	2,600.00
9	GI barbed wire anticlimbing device	Kg	6	74.00	444.00
10	11 KV pin insulator polymer	No.	3	140.00	420.00
11	H W fitting(B&S) 70KN, 3Bolt	No.	6	412.00	2,472.00
12	Disc insulator (B&S) 70 KN polymer	No.	6	150.00	900.00
13	Wedge connector for 100 sq. mm AAAC	No.	6	138.00	828.00
14	Polycarbonate Bird guard	No.	9	21.00	189.00
15	GI Nut , Bolt & Washer of different sizes	KG	11.57	74.00	856.18
A				**A. Sub total**	**96,857.92**
B				**B. Stock, Storage & Insurance @ 3% of A**	**2,905.74**
C				**Sub Total (C=A+B)**	**99,763.66**
D				**T&P @ 2% of C**	**1,820.72**
E				**Contigency @ 3% of C**	**2,992.91**
F				**Transportation @ 7.5% of C**	**7,482.27**
G				**Erection Charges @ 5% on poles**	**3,498.91**
H				**Erection Charges @ 10%**	**2,105.79**
I				**Total**	**117,664.26**
16	Fixing of complete Stay Set with all accessories and civil works	No	2	2,301.53	4,603.06
17	Concreting of Pole @ 1:1.5:3(M-20 Grade)	Cu.mtr	0.9	6,648.85	5,983.97
18	Couping of Pole @ 1:1.5:3(M-20 Grade)	Cu.mtr	0.225	6,648.85	1,495.99
19	Construction of Earthing chamber incuding earthing pipe and civil works	No.	2	3,784.73	7,569.46
20	GIS Mapping, indexing/numbering of Poles	No.	1	836.00	836.00

21	Painting of Pole in Black & Yellow strips/Zebra	No.	2	283.34	566.68
	Total Material + Services Cost				**138,719.42**
B	**11 KV DP WITH AB SWITCH**				
1	WPB (GI) Pole 160x152 13 Mtr. Long for DP	No	2	33,970.00	67,940.00
2	GI Channel, angle & flat of different size	Kg	322.025	78.00	25,117.95
3	DMC Insulator for LA (70/10)	No.	8	113.50	908.00
4	Danger Plate	No.	2	180.00	360.00
5	H.T. Stay clamp	Set	4	260.00	1,040.00
6	H.T. Stay set (Complete)	No.	4	1,434.00	5,736.00
7	H.T. Stay Insulator Type-C	No.	4	87.00	348.00
8	7/10 SWG Stay Wire	Kg	60	77.00	4,620.00
9	Gi Pipe Earthing 40mm. 3 Mtr. Long	No.	2	1,300.00	2,600.00
10	GI barbed wire anticlimbing device	No.	6	74.00	444.00
11	Lightning Arrester(12KV,10KA) (Station Class,class-2)	No.	3	1,960.00	5,880.00
12	AB Switch (11KV,400A.3pole,50Hz)	No.	1	10,972.00	10,972.00
13	11 KV pin insulator polymer	No.	3	140.00	420.00
14	H W fitting(B&S) 70KN, 3Bolt	No.	6	412.00	2,472.00
15	Disc insulator (B&S) 70 KN polymer	No.	6	150.00	900.00
16	Wedge connector for 100 sq. mm AAAC	No.	6	138.00	828.00
17	Polycarbonate Bird guard	No.	9	21.00	189.00
18	GI Nut , Bolt & Washer of different sizes	Kg	11.036	74.00	816.66
A	**A. Sub total**				**131,591.61**
B	**B. Stock, Storage & Insurance @ 3% of A**				**3,947.75**
C	**Sub Total (C=A+B)**				**135,539.36**
D	**T&P @ 2% of C**				**2,415.30**
E	**Contigency @ 3% of C**				**4,066.18**
F	**Transportation @ 7.5% of C**				**10,165.45**
G	**Erection Charges @ 5% on poles**				**3,498.91**
H	**Erection Charges @ 10%**				**5,078.69**
I	**Total**				**160,763.89**
19	Fixing of complete Stay Set with all accessories and civil works	No	4	2,301.53	9,206.12
20	Concreting of Pole @ 1:1.5:3(M-20 Grade)	Cu.mtr	0.9	6,648.85	5,983.97
21	Couping of Pole @ 1:1.5:3(M-20 Grade)	Cu.mtr	0.225	6,648.85	1,495.99
22	Construction of Earthing chamber incuding earthing pipe and civil works	No.	2	3,784.73	7,569.46
23	GIS Mapping, indexing/numbering of Poles	No.	1	836.00	836.00
24	Painting of Pole in Black & Yellow strips/Zebra	No.	2	283.34	566.68
	Total Material + Services Cost				**186,422.11**
C	**11 KV CUT POINT WITH 180 DEGREE ANGLE**				
1	WPB (GI) Pole 160x152 11 Mtr. Long for SP	No	1	28,835.00	28,835.00
2	GI Channel, angle & flat of different size	Kg	35.8	78.00	2,792.40
3	Danger Plate	No.	1	180.00	180.00
4	H.T. Stay clamp	No.	1	260.00	260.00
5	H.T. Stay set (Complete)	Set	1	1,434.00	1,434.00
6	H.T. Stay Insulator Type-C	No.	1	87.00	87.00
7	7/10 SWG Stay Wire	KG	15	77.00	1,155.00
8	GI barbed wire anticlimbing device	KG	3	74.00	222.00
9	11 KV pin insulator polymer	No.	3	140.00	420.00
10	H W fitting(B&S) 70KN, 3Bolt	No.	6	412.00	2,472.00
11	Disc insulator (B&S) 70 KN polymer	No.	6	150.00	900.00
12	Earthing of Support (Coil Type)	No.	1	164.00	164.00
13	Wedge connector for 100 sq. mm AAAC	No.	6	138.00	828.00
14	Polycarbonate Bird guard	No.	9	21.00	189.00
15	GI Nut , Bolt & Washer of different sizes	KG	9.996	74.00	739.70
A	**A. Sub total**				**40,678.10**
B	**B. Stock, Storage & Insurance @ 3% of A**				**1,220.34**

C	**Sub Total (C=A+B)**				**41,898.45**
D	**T&P @ 2% of C**				**777.51**
E	**Contigency @ 3% of C**				**1,256.95**
F	**Transportation @ 7.5% of C**				**3,142.38**
G	**Erection Charges @ 5% on poles**				**1,485.00**
H	**Erection Charges @ 10%**				**917.53**
I	**Total**				**49,477.82**
16	Concreting of Pole @ 1:1.5:3(M-20 Grade)	Cu.mtr	0.45	6,648.85	2,991.98
17	Couping of Pole @ 1:1.5:3(M-20 Grade)	Cu.mtr	0.1125	6,648.85	748.00
18	Fixing of complete Stay Set with all accessories and civil works	No	1	2,301.53	2,301.53
19	GIS Mapping, indexing/numbering of Poles	No.	1	836.00	836.00
20	Painting of Pole in Black & Yellow strips/Zebra	No.	1	283.34	283.34
	Total Material + Services Cost				**56,638.67**
C	**11 KV PIN POINTS WITH WPB**				
1	100 sq. mm AAAC	Km	154.5	78.41	12,114.35
A	**A. Sub total**				**12,114.35**
B	**B. Stock, Storage & Insurance @ 3% of A**				**363.43**
C	**Sub Total (C=A+B)**				**12,477.78**
D	**T&P @ 2% of C**				**249.56**
E	**Contigency @ 3% of C**				**374.33**
F	**Transportation @ 7.5% of C**				**935.83**
G	**Erection Charges @ 5% on poles**				
H	**Erection Charges @ 10%**				**1,247.78**
I	**Total**				**15,285.27**
2	GIS coordinate mapping, drawing preparation and submission of the same for New/ Existing Line.	No.	**0.05**	**10,470.00**	**523.50**
	Total Material + Services Cost				**15,808.77**
II	**INSTALLATION OF 63 KVA S/S.**				
1	WPB (GI) Pole 160x152 11 Mtr. Long for DP	No.	2	28,835.00	57,670.00
2	GI Channel, angle & flat of different size	KG	533.146	78.00	41,585.39
3	9 Mtr. long PSC Pole	No.	1	3,630.00	3,630.00
4	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	No.	2	240.00	480.00
5	EYE hook for XLPE Aerial bunched Cable	No.	2	75.00	150.00
6	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No.	2	217.00	434.00
7	LT Stay set Complete	SET	1	736.00	736.00
8	7/12 SWG GI stay wire, Grade -2	KG	12	79.00	948.00
9	LT stay Clamp	No.	1	350.00	350.00
10	LT Stay insulator	No.	1	19.00	19.00
11	63 KVA , 11/ 0.4 KV (AL) Transformer, BIS Energy Loss level II, Ammendment-4	No.	1	141,309.00	141,309.00
12	LT Distribution Box for 63 KVA S/S	No.	1	26,990.00	26,990.00
13	55 SQ.MM. AAAC XLPE Covered Conductor	Mtr.	50	101.00	5,050.00
14	4 Cx 95 mm2 LT XLPE Cable(Armoured) - FOR 63 KVA Trf.	Mtr.	15	533.00	7,995.00
15	1.1kV, 4Core, 95sqmm, XLPE insulation armoured - Aluminium UG cable from LTDB to Pole	Mtr.	40	533.00	21,320.00
16	HDPE pipe of 110 mm diameter, PE 80- PN8	Mtr.	20	261.00	5,220.00
17	AB Switch(11KV,200A.3pole,50Hz)	SET	1	9,080.00	9,080.00
18	DO.Fuse(11KV.200A.3Pole)	SET	1	3,214.00	3,214.00
19	10 AMP Fuse Link	No.	3	40.00	120.00
20	Wedge connector for 100 sq. mm AAAC	No.	3	100.00	300.00
21	Polycarbonate Bird guard	No.	3	21.00	63.00
22	Disc insulator (B&S)70 KN polymer	No.	3	150.00	450.00
23	H W fitting (B&S)70KN(3bolted)	No.	3	412.00	1,236.00

24	Lightning Arrester(12KV,10KA) Station Class 2	No.	3	1,960.00	5,880.00
25	DMC Insulator for LA (70/10)	No.	8	113.50	908.00
26	HT stay set complete	SET	2	1,434.00	2,868.00
27	HT stay Clamp	EA	2	260.00	520.00
28	HT stay insulator TYPE-C	EA	2	87.00	174.00
29	7/10 SWG GI stay wire, Grade -2	KG	30	77.00	2,310.00
30	Gi Pipe Earthing 40mm. 3 Mtr. Long	EA	7	1,300.00	9,100.00
31	GI Nuts & Bolts of Assorted size	KG	25	74.00	1,850.00
32	GI Barbed wire/Anticlimbing device	KG	6	74.00	444.00
33	Danger plate 11kv	EA	2	180.00	360.00
A	**A. Sub total**				**352,763.39**
B	**B. Stock, Storage & Insurance @ 3% of A**				**10,582.90**
C	**Sub Total (C=A+B)**				**363,346.29**
D	**T&P @ 2% of C**				**6,204.79**
E	**Contigency @ 3% of C**				**10,900.39**
F	**Transportation @ 7.5% of C**				**27,250.97**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**10,247.42**
H	**Erection Charges @ 20% on PSC Poles**				**747.78**
I	**Erection Charges @ 10% for other materials**				**10,155.22**
J	**Total**				**428,852.86**
34	Concreting of Pole @ 1:1.5:3(M-20 Grade)	Cu.Mtr	0.9	6,648.85	5,983.97
35	Couping of Pole @ 1:1.5:3(M-20 Grade)	Cu. Mtr	0.226	6,648.85	1,502.64
36	PCC ratio 1:3:6(M-10 Grade) For DSS Area	Cu. Mtr	1.745	5,247.48	9,156.85
37	Supplying , Laying , spreading and compacting with hand roller stone aggregate of specified sizes: 63 mm to 45 mm size stone aggregate.	Cu. Mtr	1.745	3,000.00	5,235.00
38	Fixing of HT complete Stay Set with all accessories and civil works	No.	2	2,301.53	4,603.06
39	Fixing of LT complete Stay Set with all accessories and civil works	No.	1	2,301.53	2,301.53
40	Construction of Earthing chamber incuding earthing pipe and civil works	No.	7	3,784.73	26,493.11
41	LTDB Plinth	No.	1	11,354.57	11,354.57
42	Laying of 110mm dia PE 80-PN8, HDPE pipe inside open trench.	Mtr.	20	195.00	3,900.00
43	Laying of 4 Cx95 mm2 LT XLPE Cable	Mtr.	55	47.87	2,632.85
44	Concreting ratio 1:1.5:3(M-20 Grade)-For PSC Pole	Cu.Mtr	0.375	6,648.85	2,493.32
45	SITC of Aluminium Lugs suitable for 95 sq mm cable/conductor	No.	24	92.06	2,209.44
46	SITC of termination kit of 1.1kV 3.5C/4C 35-120 sqmm	No.	2	3,840.00	7,680.00
47	SITC of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 50-95 sqmm	No	3	1,380.00	4,140.00
	Earth work excavation of soil -Route Length				
48	Earth work excavation of **soil**	Cu. Mtr	2.1	716.03	1,503.66
49	Earth work excavation of **hard rock**	Cu. Mtr	0.9	1,759.39	1,583.45
50	Back filling with excavated soil outside and above the trench	Cu. Mtr	3	220.00	660.00
51	Painting of Pole in Black & Yellow strips/Zebra	No.	2	283.34	566.68
52	GIS coordinate mapping, drawing preparation and submission of the same for DSS.	No.	1	1,000.00	1,000.00
53	SITC of DCP Extinguisher (6KG)	No	1	4,500.00	4,500.00
54	SITC Display Board/Sign Board	No	1	3,640.00	3,640.00
	Fencing				
55	GI chain link fencing for DSS	RM	18	4,167.57	75,016.26
	Total Rs				**178,156.39**

	Sub total Rs				**607,009.25**
III	**LT Line using 4C×70 mm² (P)+1CX70 mm²(M)+1CX16 mm²(Street Light) (LT AB Cable)- -0.24 Km**				
1	9 Mtr Long 300 KG PSC Pole	No	7	3,630.00	25,410.00
2	GI flat for danger Plate and anticlimbing Device	Kg	1	78.00	78.00
3	LT Stay set Complete	Set	1	736.00	736.00
4	7/12 SWG GI stay wire, Grade -2	Kg	12	79.00	948.00
5	LT stay Clamp (1.40Kg/pair)	Pair	1	350.00	350.00
6	LT Stay insulator	No	1	19.00	19.00
	LT Accessories with Eye Hook and Clamp				
7	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	8	240.00	1,920.00
8	EYE hook for XLPE Aerial bunched Cable	No	6	75.00	450.00
9	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	2	217.00	434.00
10	Suspension Clamp with EYE hook for ABC	No	6	193.00	1,158.00
11	4C×70 mm² (P)+1CX70 mm²(M)+1CX16 mm²(Street Light)(Street Light) (LT AB Cable)	Mtr	252	311.00	78,372.00
12	10 way LT service Distribution Box	No.	2	920.00	1,840.00
13	Insulated piercing connector.Type-A-main 50 to 150 sq.mm & Tap-50 to 150 sq.mm	No	4	113.08	452.32
14	Pipe Earthing (each 5th pole to earth)	No	1	1,300.00	1,300.00
15	Coil Earthing	No	6	164.00	984.00
16	Danger plate (LT)	No	7	180.00	1,260.00
17	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	21	74.00	1,554.00
18	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	Kg	3.5	74.00	259.00
A	**TOTAL MATERIAL COST**				**117,524.32**
B	**Stock, Storage & Insurance @ 3% of A**				3,525.73
C	**Sub Total (C=A+B)**				**121,050.05**
D	**Contingency @3% of C**				**3,631.50**
E	**T & P 2% of C**				**2,351.93**
F	**Transportation @ 7.5% of C**				**9,078.75**
G	**Erection Charges for PSC Pole @ 20%**				5,234.46
H	**Erection Charges of DTR and Joist Poles @ 5%**				
I	**Erection Charges of other @ 10%**				9,140.72
J	**Sub Total Rs.**				**150,487.41**
	Civil and Services Works (As per Technical Specification)				
22	Fixing of complete Stay Set with all accessories and civil works	No	1	2,301.53	2,301.53
23	Concreting of Pole @ 1:1.5:3(M-20 Grade)	Cu.Mtr	2.62	6,648.85	17,453.16
24	Construction of Earthing chamber incuding earthing pipe and civil works	No	1	3,784.73	3,784.73
22	Painting of Pole in Black & Yellow strips/Zebra	No	7	283.84	1,986.88
23	GIS Mapping, indexing/numbering of Poles	No	7.00	836.00	5,852.00
	GIS coordinate mapping, drawing preparation and submission of the same for new /existing Line	CKM	0.24	10,470.00	2,512.80
K	**Total Services Cost**				**33,891.10**
	Total Material + Services Cost (J+K)				**184,378.52**
IV	**11 KV LINE PROTECTING GUARDING FOR ROAD CROSSING.**				
1	GI Channel angle & flat of different size	Kg	149.519	78.00	11,662.48
2	No-10 GI wire for lacing	Kg	6.55	78.00	510.90
3	No-8 GI wire (0.131 Kg/mtr.)for lacing	Kg	30.72	78.00	2,396.16
4	GI Pipe earthing 40 mm dia 3 Mtr. Long	No	2	1,300.00	2,600.00
A	**TOTAL MATERIAL COST**				**17,169.54**

B	**Stock, Storage & Insurance @ 3% of A**				515.09
C	**Sub Total (C=A+B)**				**17,684.63**
D	**Contingency @3% of C**				**530.54**
E	**T & P 2% of C**				**300.14**
F	**Transportation @ 7.5% of C**				**1,326.35**
G	**Erection Charges for PSC Pole @ 20%**				
H	**Erection Charges of DTR and Joist Poles @ 5%**				
I	**Erection Charges of other @ 10%**				1,500.66
J	**Sub Total Rs.**				**21,342.31**
5	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	2	3,784.73	7,569.46
	Total Rs.				**28,911.77**
	Sub Total Rs.				**1,217,888.51**
	Cess @ 1%				**12,178.89**
	Total Estimated Cost				**1,230,067.40**
	Total Estimated Cost in Figures				**1,230,067.00**
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)