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 :- 02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO POLICE STATION BUILDING AT PUINTALA IN THE DISTRICT OF BOLANGIR.

BID REF NO :-19/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.**				
A					
1	11 Mtr. Long RS Joist Pole ,34.6 Kg/mtr.	No.	2	33645.04	67290.08
2	100 sq. mm AAAC	Mtr.	309	74.8	23113.2
3	MS Channel 100x50x6 mm	Kg	9.2	88.40	813.28
4	MS channel 75x40x6 mm	Kg	6.8	88.40	601.12
5	Fish Plate 50x6 mm	Kg	1	126.48	126.48
6	GI flat 50x6 mm	Kg	2.4	102.00	244.80
7	GI flat 25x6 mm	Kg	1.8	102.00	183.60
8	11 KV V cross Arm	No.	2	1101.60	2,203.20
9	Back clamp for v cross Arm	No.	2	108.80	217.60
10	11 KV F Clamp	No.	2	326.40	652.80
11	11 KV Disc insulator polymer type 70 KN(B&S)	No	1	1564.00	1,564.00
12	11 KV H/W fitting polymer type	Pair	1	476.00	476.00
13	PG clamp for 55 sq. mm AAAC	No	1	553.22	553.22
14	11 KV Pin Insulator Polymer	No	6	272.00	1,632.00
15	HT Stay Set (Complete)	Set	1	1428.00	1,428.00
16	HT Stay Insulator	No.	1	68.00	68.00
17	HT Stay Clamp(150x150 mm RS Joist)	Pair	1	170.00	170.00
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	8.4	102.00	856.80
19	7/8 SWG Stay Wire (for earthing)	KG	4.3	102.00	438.60
20	Earthing of support Coil Type	No	2	225.76	451.52
21	HDPE Pipe	Mtr.	1.2	54.40	65.28
22	Aluminium socket 70 sq. mm	No.	1	20.40	20.40
23	Charcoal, salt etc for earthing	Kg	0.8	612.00	489.60
24	GI Nut, Bolt & washers of different sizes	Kg	4.3	106.08	456.14
25	GI barbed wire/Anticlimbing device	No	4.4	108.80	478.72
26	Danger plate	No	2	108.80	217.60
A	**A. Sub total**				**1,04,812.04**
B	**B. Stock, Storage & Insurance @ 3% of A**				**3,144.36**
C	**Sub Total (C=A+B)**				**1,07,956.41**
D	**T&P @ 2% of C**				**2,159.13**
E	**Contigency @ 3% of C**				**3,238.69**
F	**Transportation @ 7.5% of C**				**8,096.73**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**3864.76**

H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**3465.44**
J	**Total**				**1,28,781.16**
27	Fabrication and galvanisation	Kg	6.528	13.00	84.86
28	Concrete materials for stay anchor plate	M3	1.2	1,653.00	1,983.60
29	Padding and concreting material for Support	M3	2	2,838.00	5,676.00
30	Cradle Guard for Road crossing	No.	1	7,932.00	7,932.00
	Total Rs.				**1,44,457.62**
B	**11 KV DP**				
1	11 Mtr. Long RS Joist Pole ,34.6 Kg/mtr.	No.	2	33645.04	67290.08
2	Top Channel 100x50x6 mm	Kg	46	88.40	4,066.40
3	Belting channel 75x40x6 mm	Kg	34	88.40	3,005.60
4	Bracing Angle 50x50x6 mm	Kg	36	88.40	3,182.40
5	Fish Plate 50x6 mm	Kg	6	126.48	758.88
6	GI flat 50x6 mm	Kg	12	88.40	1,060.80
7	GI flat 25x3 mm	Kg	9	88.40	795.60
8	11 KV Disc insulator polymer type 70 KN	No	6	1564.00	9,384.00
9	11 KV H/W fitting polymer type	Pair	6	476.00	2,856.00
10	PG clamp for 100 sq. mm AAAC	No	6	788.80	4,732.80
11	11 KV Pin Insulator Polymer,11 KV 200 mm FRP Dia.	No	3	272.00	816.00
12	HT Stay Set (Complete)	Set	4	1428.00	5,712.00
13	HT Stay Insulator	No.	4	68.00	272.00
14	HT Stay Clamp(150x150 mm RS Joist)	Pair	4	170.00	680.00
15	7/10 SWG Stay Wire ,7/3.25 mm	KG	23	102.00	2,346.00
16	7/8 SWG Stay Wire (for earthing)	KG	22	102.00	2,244.00
17	40 mm nominal bore GI Pipe earthing device	No	2	1428.00	2,856.00
18	HDPE Pipe	Mtr.	6	54.40	326.40
19	Aluminium socket 70 sq. mm	No.	4	20.40	81.60
20	Material for masonary work for earth pit	No.	2	544.00	1,088.00
21	Charcoal, salt etc for earthing	Kg	4	612.00	2,448.00
22	GI Nut, Bolt & washers of different sizes	Kg	8	106.08	848.64
23	GI barbed wire/Anticlimbing device	No	4	108.80	435.20
24	Danger plate	No	2	108.80	217.60
A	**A. Sub total**				**1,17,504.00**
B	**B. Stock, Storage & Insurance @ 3% of A**				**3,525.12**
C	**Sub Total (C=A+B)**				**1,21,029.12**
D	**T&P @ 2% of C**				**2,420.58**
E	**Contigency @ 3% of C**				**3,630.87**
F	**Transportation @ 7.5% of C**				**9,077.18**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**3465.44**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**5172.03**
J	**Total**				**1,44,795.23**
25	Fabrication and galvanisation	Kg	54	13.00	702.00
26	Concrete materials for stay anchor plate	M3	4	1,653.00	6,612.00
27	Padding and concreting material for Support	M3	2	2,838.00	5,676.00
	Total Rs.				**1,57,785.23**
C	**11 KV LINE TAPPING ON POLE**				
1	11 Mtr. Long RS Joist Pole ,34.6 Kg/mtr.	No.	1	33645.04	33645.04
2	75X40X6 mm Channel for straight cross Arm	Kg	32.64	88.40	2,885.38

3	11 KV V cross Arm	No.	1	1101.60	1,101.60
4	Back clamp for v cross Arm	No.	1	108.80	108.80
5	11 KV F Clamp	No.	1	326.40	326.40
6	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1564.00	4,692.00
7	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00
8	PG clamp for 55 sq. mm AAAC	No	3	553.22	1,659.66
9	11 KV Pin Insulator Polymer	No	5	272.00	1,360.00
10	HT Stay Set (Complete)	Set	2	1428.00	2,856.00
11	HT Stay Insulator	No.	2	68.00	136.00
12	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	170.00	340.00
13	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	102.00	2,040.00
14	Earthing of support Coil Type	No	1	225.76	225.76
15	GI Nut, Bolt & washers of different sizes	Kg	5	106.08	530.40
A	**A. Sub total**				**53,335.04**
B	**B. Stock, Storage & Insurance @ 3% of A**				**1,600.05**
C	**Sub Total (C=A+B)**				**54,935.09**
D	**T&P @ 2% of C**				**1,098.70**
E	**Contigency @ 3% of C**				**1,648.05**
F	**Transportation @ 7.5% of C**				**4,120.13**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**1732.72**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**2028.07**
J	**Total**				**65,562.76**
16	Concrete materials for stay anchor plate	Nos	2	1,653.00	3,306.00
17	Padding and concreting material for Support	M3	1	2,838.00	2,838.00
	Total Rs.				**71,706.76**
B	**INSTALLATION OF 100 KVA S/S.**				
1	11 Mtr. Long RS Joist Pole ,34.6 Kg/mtr.	No.	2	33645.04	67290.08
2	100 KVA , 11/0.4 KV Transformer BIS Energy Level-II	No	1	159120.00	1,59,120.00
3	MS Channel 100x50x6 mm	Kg	103	88.40	9,105.20
4	MS channel 75x40x6 mm	Kg	184	88.40	16,265.60
5	MS angle 50x50x6 mm	Kg	57	88.40	5,038.80
6	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1564.00	4,692.00
7	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00
8	PG Clamp for 100 sq. mm AAAC	No.	3	788.80	2,366.40
9	GI Flat 25x6 mm	Kg	11	102.58	1,128.38
10	GI Flat 50x6 mm	Kg	43	102.58	4,410.94
11	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	16116.00	16,116.00
12	11 KV DD Fuse 3 Pole	No	1	6396.58	6,396.58
13	DD Fuse Link Unit(10A)	No	3	150.96	452.88
14	11 KV Lightning Arrester	EA	3	4828.00	14,484.00
15	Conductor ACSR PVC (61.7)sq. mm	Mtr.	20	80.68	1,613.60
16	HT Stay Set (Complete)	Set	2	1428.00	2,856.00
17	HT Stay Insulator	No.	2	68.00	136.00
18	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	170.00	340.00
19	7/10 SWG Stay Wire ,7/3.25 mm	KG	25	102.00	2,550.00
20	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1428.00	7,140.00
21	Earthing of support Coil Type	No	1	225.76	225.76
22	Pipe HDPE(25 mm)	Mtr.	15	54.40	816.00
23	GI Pipe(100 mm)	Mtr.	3	680.00	2,040.00

24	1.1 KV 4Cx 95 sq. mm LT XLPE cable(Un Armoured)	Mtr	23	533.54	12,271.42
25	1 Core 95 sq. mm LT XLPE cable	Mtr	32	199.92	6,397.44
26	LT Distrubution Box with MCCB, Aluminim Busbar for 100 KVA S/S.	No	1	33209.84	33,209.84
27	Al. cable socket 70 sq. mm	No	80	20.40	1,632.00
28	Al. cable socket 95 sq. mm	No	16	27.20	435.20
29	GI Nut, Bolt & washers of different sizes	Kg	25	106.08	2,652.00
30	Materials for Masonary work for earth pit	No.	5	544.00	2,720.00
31	Charcoal, salt etc for earthing	Kg	10	612.00	6,120.00
32	GI barbed wire/Anticlimbing device	No	4	108.80	435.20
33	Danger plate	No	2	108.80	217.60
A	**A. Sub total**				**3,92,102.92**
B	**B. Stock, Storage & Insurance @ 3% of A**				**11,763.09**
C	**Sub Total (C=A+B)**				**4,03,866.01**
D	**T&P @ 2% of C**				**8,077.32**
E	**Contigency @ 3% of C**				**12,115.98**
F	**Transportation @ 7.5% of C**				**30,289.95**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**11660.11**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**17066.33**
J	**Total**				**4,83,075.70**
34	Fabrication and galvanisation	Kg	344	13.00	4,472.00
35	Concrete materials for stay anchor plate	M3	2	1,653.00	3,306.00
36	Padding and concreting material for Support	M3	2	2,837.90	5,675.80
37	Cost of Fencing	EA	1	1,04,661.02	1,04,661.02
38	Plinth for Transformer	No	1	22,034.00	22,034.00
	Total Rs.				**6,23,224.52**
C	**LT Line**				
1	9 Mtr. Long RS Joist Pole(30.6 Kg/Mtr.)	No	8	24345.36	194762.88
2	1.1 KV 3C×50 mm² +1C×35 mm²+1CX16 mm² (LT AB Cable)	Mtr	254	190.40	48437.76
3	4 core Al. pvc armoured cble 25 sq. mm	Mtr	30	177.85	5335.50
4	Pole Clamp	No	8	272.00	2176.00

5	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	1	88.40	88.40
6	Suspension Clamp with EYE hook for ABC	No	8	462.40	3699.20
7	Neutral Connector	No	5	44.88	224.40
8	7/12 SWG GI stay wire, Grade -2	Kg	11.52	102.00	1175.04
9	LT stay Clamp (1.40Kg/pair)	Pair	2	149.60	299.20
10	LT Stay insulator	No	2	40.80	81.60
11	Coil Earthing	No	8	225.76	1806.08
12	No-8 GI wire for earthing	Kg	4.08	102	416.16
13	Bolt & Nut GI 16x55 mm	Kg	3.6	106.08	381.89
14	Piercing Connector LT Type A	No	5	108.8	544.00
15	LT Stay set Complete	Set	3	707.20	2121.60
16	8 way service Distribution Box with kitkat Fuse	No.	1	5440.00	5440.00
A	**A. Sub total**				**2,66,989.71**
B	**B. Stock, Storage & Insurance @ 3% of A**				**8,009.69**
C	**Sub Total (C=A+B)**				**2,74,999.40**
D	**T&P @ 2% of C**				**5,499.99**
E	**Contigency @ 3% of C**				**8,249.98**
F	**Transportation @ 7.5% of C**				**20,624.95**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**10030.29**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**7,439.36**
J	**Total**				**3,26,843.97**
17	Concrete materials for stay anchor plate	M3	3	1,653.00	4,959.00
18	Padding and concreting material for Support	M3	8	2,837.90	22,703.20
	Total				**3,54,506.17**
	Sub Total Rs.				**13,51,680.30**
	Cess @1%				**13,516.80**
	Total Estimated Cost				**13,65,197.11**
	Total Estimated Cost in Figures				**13,65,197.00**

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)