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 TRUCK TERMINAL AT PANDIKIPALLI IN THE DISTRICT OF BARGARH.

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 .				
A	11 KV LINE USING 100 SQ. MM INSULATED COVERED CONDUCTOR				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	5	35,129.38	175,646.90
2	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	4	41,516.54	166,066.16
3	11 KV 1 core 100 sq. mm XLPE insulated Un-armoured AAAC	Mtr.	741.6	127.80	94,776.48
4	MS Channel 100x50x6 mm	Kg	22.08	92.30	2,037.98
5	MS channel 75x40x6 mm	Kg	16.32	92.30	1,506.34
6	Fish Plate 50x6 mm	Nos.	2	132.06	264.12
7	GI Flat 50x6 mm	Kg	5.76	106.50	613.44
8	GI Flat 25x6 mm	Kg	4.32	106.50	460.08
9	11 KV 'V' cross arm(10.2 Kg each)	No.	4	1,150.20	4,600.80
10	GI Back clamp for 11 KV V Cross Arm	No.	4	113.60	454.40
11	Top F clamp for PSC Pole ,2.9 Kg	No.	4	340.80	1,363.20
12	11 KV Disc insulator B&S polymer type 70 KN	No	3	1,633.00	4,899.00
13	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
14	PG clamp for 100 sq. mm AAAC	No	3	823.60	2,470.80
15	11 KV Pin Insulator Polymer	No	14	284.00	3,976.00
16	HT Stay Set (Complete)	Set	3	1,491.00	4,473.00
17	HT Stay Insulator	No.	3	71.00	213.00
18	HT Stay Clamp	Pair	3	177.50	532.50
19	7/10 SWG Stay Wire ,7/3.25 mm	KG	20.16	106.50	2,147.04
20	7/8 SWG GIWire for earthing	KG	10.32	113.60	1,172.35
21	Earthing support coil type	No	4	235.72	942.88
22	GI Pipe for earthing 40mm dia 3mtr long	EA	1	1,491.00	1,491.00
23	Pipe HDPE	Mtr.	2.88	56.80	163.58
24	Al cable socket 70 sq. mm	Nos.	2	21.30	42.60
25	Materials for Masonary work for earth pit	No.	1	568.00	568.00

26	Charcoal, salt etc for earthing	Kg	1.92	639.00	1,226.88
27	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	10.32	110.76	1,143.04
28	GI barbed wire/Anticlimbing device	Kg	10.56	113.60	1,199.62
29	Danger plate	No	5	113.60	568.00
A	**A. Sub total**				**476,510.20**
B	**B. Stock, Storage & Insurance @ 3% of A**				**14,295.31**
C	**Sub Total (C=A+B)**				**490,805.50**
D	**T&P @ 2% of C**				**9,816.11**
E	**Contigency @ 3% of C**				**14,724.17**
F	**Transportation @ 7.5% of C**				**36,810.41**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**17,598.22**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**13,884.11**
J	**Total**				**583,638.52**
20	Fabrication and galvanisation	Kg	15.667	13.00	203.67
30	Concrete material for stay anchor plate	Nos.	3	1,653.00	4,959.00
31	Padding and Concreting materials for support	Nos.	9	2,837.90	25,541.10
	Total Rs.				**614,342.29**
B	**11 KV LINE XLPE INTERMEDIATE ARRANGEMENT**				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	4.00	35,129.38	140,517.52
2	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
3	Pole Clamp for XLPE Cable	No.	4.00	284.00	1,136.00
4	11 KV Disc insulator B&S polymer type 70 KN	No	4.00	1,633.00	6,532.00
5	11 KV H/W fitting polymer type	Pair	4.00	497.00	1,988.00
6	Back clamp	No	4.00	113.60	454.40
7	No. 6 GI Wire	Kg	20.00	113.60	2,272.00
8	GI Nut , Bolt & Washer of different sizes	Kg	4.00	106.50	426.00
9	Earthing support coil type	No	4.00	235.72	942.88
A	**A. Sub total**				**157,281.47**
B	**B. Stock, Storage & Insurance @ 3% of A**				**4,718.44**
C	**Sub Total (C=A+B)**				**161,999.92**
D	**T&P @ 2% of C**				**3,240.00**
E	**Contigency @ 3% of C**				**4,860.00**
F	**Transportation @ 7.5% of C**				**12,149.99**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**7,236.65**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**1,726.69**
J	**Total**				**191,213.25**
10	Padding and Concreting materials for support	Nos.	4	2,837.90	11,351.60
	Total Rs.				**202,564.85**
C	**11 KV SP CUT POINT**				

1	75x40x6 mm Channel for Straight cross arm	Kg	97.92	92.30	9,038.02
2	11 KV Disc insulator B&S polymer type 70 KN	No	18	1,633.00	29,394.00
3	11 KV H/W fitting polymer type	Pair	18	497.00	8,946.00
4	11 KV Pin Insulator Polymer	No	9	284.00	2,556.00
5	HT Stay Set (Complete)	Set	12	1,491.00	17,892.00
6	HT Stay Insulator	No.	12	71.00	852.00
7	HT Stay Clamp	Pair	12	177.50	2,130.00
8	7/10 SWG Stay Wire ,7/3.25 mm	Kg	120	106.50	12,780.00
9	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	15	110.76	1,661.40
10	Earthing support coil type	No	3	235.72	707.16
A	**A. Sub total**				**85,956.58**
B	**B. Stock, Storage & Insurance @ 3% of A**				**2,578.70**
C	**Sub Total (C=A+B)**				**88,535.27**
D	**T&P @ 2% of C**				**1,770.71**
E	**Contigency @ 3% of C**				**2,656.06**
F	**Transportation @ 7.5% of C**				**6,640.15**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**8,853.53**
11	Concrete material for stay anchor plate	Nos.	6	1,653.00	9,918.00
J			**Total**		**118,373.71**
D	**11 KV LINE AAAC TAPPING ON RSJ POLE**				
1	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
3	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
4	11 KV F Clamp,2.9 Kg each	No.	1	340.80	340.80
5	11 KV Disc insulator B&S polymer type 70 KN	No	1	1,633.00	1,633.00
6	11 KV H/W fitting polymer type	Pair	1	497.00	497.00
7	11 KV Pin Insulator Polymer	No	3	284.00	852.00
8	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
9	HT Stay Insulator	No.	2	71.00	142.00
10	HT Stay Clamp	Pair	2	177.50	355.00
11	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
12	Nut , Bolt & Washer of different sizes	Kg	5	106.50	532.50
13	Earthing support coil type	No	1	235.72	235.72
A	**A. Sub total**				**13,976.49**
B	**B. Stock, Storage & Insurance @ 3% of A**				**419.29**
C	**Sub Total (C=A+B)**				**14,395.79**
D	**T&P @ 2% of C**				**287.92**
E	**Contigency @ 3% of C**				**431.87**
F	**Transportation @ 7.5% of C**				**1,079.68**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				

H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				1,439.58
J	Total				17,634.84
14	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
	Total Rs.				20,940.84
E	**50 SQ. MM XLPE CABLE**				
1	11 KV 3CX50 sq. XLPE Cable	Mtr.	280	576.52	161,425.60
2	Jointing Kit 11 KV O/D terminal for 3CX50 sq. XLPE Cable	No.	4	15547.58	62190.32
3	55 sq. mm AAAC	Mtr.	280	42.60	11928
A	A. Sub total				235,543.92
B	B. Stock, Storage & Insurance @ 3% of A				7,066.32
C	Sub Total (C=A+B)				242,610.24
D	T&P @ 2% of C				4,852.20
E	Contigency @ 3% of C				7,278.31
F	Transportation @ 7.5% of C				18,195.77
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				24,261.02
J	Total				297,197.54
F	**11KV METERING UNIT**				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	31,935.80	63,871.60
2	MS Channel 100x50x6 mm	Kg	162.52	92.30	15,000.60
3	MS channel 75x40x6 mm	Kg	49.98	92.30	4,613.15
4	MS angle 50x50x6 mm	Kg	54	92.30	4,984.20
5	11 KV Disc insulator polymer type 70 KN(B&S)	No	6	1,633.00	9,798.00
6	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
7	GI Flat 25x6 mm	Kg	50	106.50	5,325.00
8	HT Stay Set (Complete)	Set	4	1,491.00	5,964.00
9	HT Stay Insulator	No.	4	71.00	284.00
10	HT Stay Clamp(150x150 mm RS Joist)	Pair	4	177.50	710.00
11	7/10 SWG Stay Wire ,7/3.25 mm	KG	50	106.50	5,325.00
12	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1,491.00	2,982.00
13	Earthing of support Coil Type	No	2	235.72	471.44
14	GI Nut, Bolt & washers of different sizes	Kg	10	110.76	1,107.60
15	Materials for Masonary work for earth pit	No.	2	568.00	1,136.00
16	Charcoal, salt etc for earthing	Kg	10	639.00	6,390.00
17	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
18	Danger plate	No	2	113.60	227.20
19	10 core 2.5 sq. mm control cable for MU	Mtr.	20	366.36	7,327.20
A	A. Sub total				139,180.59
B	B. Stock, Storage & Insurance @ 3% of A				4,175.42
C	Sub Total (C=A+B)				143,356.01
D	T&P @ 2% of C				2,867.12
E	Contigency @ 3% of C				4,300.68

F	Transportation @ 7.5% of C				10,751.70
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3289.39
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				7756.83
J	Total				172,321.73
20	Fabrication and galvanisation	Kg	266.5	13.00	3,464.50
21	Concrete materials for stay anchor plate	M3	2	1,653.00	3,306.00
22	Padding and concreting material for Support	M3	2	2,837.90	5,675.80
	Total Rs.				**184,768.03**
II	**INSTALLATION OF 250 KVA S/S.**				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	31,935.80	63,871.60
2	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	626,121.70	626,121.70
3	MS Channel 100x50x6 mm	Kg	51	92.30	4,707.30
4	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
5	MS angle 50x50x6 mm	Kg	27	92.30	2,492.10
6	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,633.00	4,899.00
7	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
8	PG Clamp for 100 sq. mm AAAC	No.	3	823.60	2,470.80
9	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
10	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
11	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16,827.00	16,827.00
12	11 KV DD Fuse 3 Pole	No	1	6,678.78	6,678.78
13	11 KV DD Fuse Link Unit(10 A)	No	3	157.62	472.86
14	11 KV Lightning Arrester(9 KV,5 KA)	EA	3	1,391.60	4,174.80
15	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1,684.80
16	HT Stay set complete	Set	2	1,491.00	2,982.00
17	7/10 SWG Stay wire	Kg	20	106.50	2,130.00
18	HT Stay Insulator	No.	2	71.00	142.00
19	HT stay clamp	Pair	2	177.50	355.00
20	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1,491.00	7,455.00
21	GI Pipe (100 mm)	Mtr.	3	710.00	2,130.00
22	HDPE Pipe	Mtr.	15	56.80	852.00
23	1.1 KV 4 core 300 sq. mm XLPE Cable	Mtr.	23	557.08	12,812.84
24	1 core 300 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6,679.68
25	Gland for Arm (4 core x 300 sq. mm XLPE Cable)	Nos.	4	494.82	1,979.28
26	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	68,160.00	68,160.00
27	Al. cable socket 70 sq. mm	No	80	21.30	1,704.00
28	Al. cable socket 95 sq. mm	No	16	28.40	454.40
29	GI Nuts, Bolts & washers	Kg	25	110.76	2,769.00
30	GI barbed wire for Anticlimbing	Kg	4	113.60	454.40
31	Danger Plate	No	2	113.60	227.20
A	**A. Sub total**				**869,912.74**
B	**B. Stock, Storage & Insurance @ 3% of A**				**26,097.38**
C	**Sub Total (C=A+B)**				**896,010.12**
D	**T&P @ 2% of C**				**17,920.20**
E	**Contigency @ 3% of C**				**26,880.30**

F	**Transportation @ 7.5% of C**				**67,200.76**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**35534.65**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**18531.7**
J	**Total**				**1,062,077.74**
34	Fabrication & Galvanisation	**Kg**	262	13.00	3,406.00
35	Concrete material for stay anchor plate	No	2	1,653.00	3,306.00
36	Padding and Concreting materials for support	No	2	2,837.97	5,675.94
37	Plinth for 250 KVA transformer	No	1	22,034.00	22,034.00
38	Economic Brick Design fencing	No	1	92,622.57	92,622.57
	Earthing pit for pipe earthing	No	5	3,700.00	18,500.00
	Total Rs.				**1,207,622.25**
	Sub Total Rs.				**2,645,809.50**
	Cess @1%				**26,458.10**
	Total Estimated Cost				**2,672,267.60**
	Total Estimated Cost in Figures				**2,672,268.00**
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)