

PRICE BID FOR THE WORK UNDER SL. NO :- 19 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO IUCAW BUILDING AT S.P OFFICE, KHURDA IN THE DISTRICT OF KHURDA.

BID REF NO :- 04/PM/ELECT/OPHWC/2024-25

SCHEDULE OF WORKS					
Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
1	UPGRADATION OF S/S FROM 63 TO 100 KVA S/S.				
1	50x6mm GI Flat for earthing, 2.36kg/mtr., (12.5 Mtr. For L.A, 3 Mtr for AB Switch Body, 2.5 mtr. For mesh formation and 2.5 mtr. For raising)= 20.5x2.36	Kg	54.816	97.50	5344.56
2	100 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II	No	1	152100.00	152100.00
3	LT Distrubution Box with MCCB, Aluminim Busbar of 2 Bay with kit kat Fuse for 100 KVA S/S.	No	1	31744.70	31744.70
4	1 Cx 150 sq. mm LT XLPE cable(Un Armoured)	Mtr	15	824.01	12360.15
5	11 KV AB switch (200 Amp, 3 pole)	Set	1	9555.00	9555.00
6	11 KV LA (12KV,10 KA)station class-2	No	3	4615.00	13845.00
7	GI Pipe for earthing 40mm dia 3mtr long	No	4	1365.00	5460.00
8	GI Nut, Bolt & washers of different sizes	Kg	5	101.40	507.00
9	Name Plate	No	1	104.00	104.00
10	Structure Numbering and marking				
11	Yellow colour paint for Background	Ltr	2	216.00	432.00
12	Black colour paint for numbering	Ltr	1	286.00	286.00
A	A. Sub total				2,31,738.41
B	B. Stock, Storage & Insurance @ 3% of A				6,952.15
C	Sub Total (C=A+B)				2,38,690.56
D	T&P @ 2% of C				4,406.72
E	Contigency @ 3% of C				7,160.72
F	Transportation @ 7.5% of C				17,901.79
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				7,833.15
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				6,367.28
J	Total				2,82,360.22
13	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	4	3700.00	14,800.00
14	Laying of 4 Cx150 sq.mm LT XLPE cable	Mtr.	15	72.00	1,080.00
15	Supply and Erection of GI fencing with Gate	Sq. Mtr.	15	3600.00	54,000.00
16	DTR Plinth	No	1	25000.00	25,000.00
					94,880.00
	Sub total Rs				3,77,240.22

III	Construction of LT Line using 4C×70 mm ² (P)+1C×70 mm ² (M)+1CX16 mm ² (Street Light) (LT AB Cable)-0.33 Km.				
1	9 Mtr. long 300 Kg. PSC Pole	No	5	3900.00	19,500.00
2	LT Stay set Complete	Set	2	676.00	1,352.00
3	7/12 SWG GI stay wire, Grade -2	Kg	24	97.50	2,340.00
4	LT stay Clamp (1.40Kg/pair)	Pair	2	143.00	286.00
5	LT Stay insulator	No	2	39.00	78.00
	LT Accessories with Eye Hook and Clamp				
6	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	13	260.00	3,380.00
7	EYE hook for XLPE Aerial bunched Cable	No	13	78.00	1,014.00
8	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	8	84.50	676.00
9	Suspension Clamp with EYE hook for ABC	No	5	442.00	2,210.00
10	4C×70 mm ² (P)+1C×70 mm ² (M)+1CX16 mm ² (Street Light) (LT AB Cable)	Mtr	346.5	305.00	1,05,682.50
11	Insulated piercing connector.Type-A-main 50 to 150 sq.mm & Tap-50 to 150 sq.mm	No	7	113.08	791.56
12	Pipe Earthing (each 5th pole to earth)	No	1	1365.00	1,365.00
13	Coil Earthing	No	4	215.8	863.20
14	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr.- 2 Mtr. For connecting pole with Coil earthing	Kg	1.31	97.5	127.73
15	Danger plate (LT)	Kg	5	104	520.00
16	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	1.5	97.50	146.25
17	GI barbed wire anticlimbing device 3 Kg. Per support	Ltr	15	104.00	1,560.00
18	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	6.02	97.50	586.95
19	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	Kg	3.5	101.40	354.90
20	Black Paint	Ltr.	5	286.00	1,430.00
21	Yellow Colour Paint for Background	Ltr	10	216.00	2,160.00
A	TOTAL MATERIAL COST				1,46,424.09
B	Stock, Storage & Insurance @ 3% of A				4,392.72
C	Sub Total (C=A+B)				1,50,816.81
D	Contingency @3% of C				4,524.50
E	T & P 2% of C				2,904.67
F	Transportation @ 7.5% of C				11,311.26
G	Erection Charges for PSC Pole @ 20%				4,017.00
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				12,514.84
J	Sub Total Rs.				1,86,089.08
Civil and Services Works (As per Technical Specification)					
22	Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod & stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts & Bolts,including excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm)	No	2	2250	4500.00
23	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	1.875	6500.00	12,187.50
24	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	1	3700.00	3,700.00
K	Total Services Cost				20,387.50

	Total Material + Services Cost (J+K)				2,06,476.58
1	Labour Charges for Dismantling of 63 KVA, 11/0.4 KV DP mounted S/S AND LT AB Cable(As per estimate)	Ls	1	9000	9,000.00
	Sub Total Rs.				5,92,716.80
	Cess @1%				5,927.17
	Total Estimated Cost				5,98,643.97
	Total Estimated Cost in Figures				5,98,644.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)	_____ %			
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/-
DM (Elect) I/C**

**Sd/-
Project Manager(Elect.)**