

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2021@gmail.com, Website: www.ophwc.nic.in****PRICE BID FOR THE WORK UNDER SL. NO :- 04 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-E TYPE QTRS. AT RANPUR POLICE STATION IN THE DIST. OF NAYAGARH .****BID REF NO :- 48/PM/ELECT/OPHWC/2023-24****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	UPGRADATION OF 63 KVA S/S TO 100 KVA S/S.				
1	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	2	84.50	169.00
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	55 sq. mm All Alloy conductor-PVC insulated	Mtr	50	55.24	2762.00
5	4Cx150 sq. mm LT XLPE cable	Mtr	15	824.01	12360.15
6	11 KV AB switch (200 Amp, 3 pole)	Set	1	9555.00	9555.00
7	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	7956.00	7956.00
8	GI Nut, Bolt & washers of different sizes	Kg	25	101.40	2535.00
A	A. Sub total				2,19,181.85
B	B. Stock, Storage & Insurance @ 3% of A				6,575.46
C	Sub Total (C=A+B)				2,25,757.31
D	T&P @ 2% of C				4,267.94
E	Contingency @ 3% of C				6,772.72
F	Transportation @ 7.5% of C				16,931.80
G	Erection Charges @ 5% for transformer and joist/WPB pole cost including stock, storage & insurance @3%				7,833.15
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				5,636.34
J	Total				2,67,199.25
9	Laying of 4Cx150 sq. mm LT XLPE cable	Mtr	15	72.00	1,080.00
10	Supply and Erection of GI fencing with Gate	Sq. Mtr.	20	3600.00	72,000.00
					73,080.00
	Sub total Rs				3,40,279.25

III	Construction of LT Line using 4x35+1x35+1X16 sq. mm LT AB Cable- -0.24 Km.				
1	9 Mtr Long 100X116 mm RS Joist Pole(23 Kg/Mtr.)	No	8	17492.00	1,39,936.00
2	LT stay set complete	Set	7	676.00	4,732.00
3	7/12 SWG GI stay wire, Grade-2	Kg	84	97.50	8,190.00
4	LT stay clamp	Pair	7	143.00	1,001.00
5	LT stay set Insulator	No	7	39.00	273.00
	LT Accessories with Eye Hook and Clamp				
6	Pole Clamp for Eye Hook for XLPE Aerial bunched cable	Pair	12	260.00	3,120.00
7	Eye Hook for XLPE Aerial Bunched Cable	No	8	78.00	624.00
8	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	8	84.50	676.00
9	Suspension clamp with Eye Hook for ABC (25-70 sqmm)	No	4	442.00	1,768.00
10	4 Cx35(P)+1Cx25(M)+1CX16 Street Light)sq. mm LT Aerial Bunched Cable	Mtr	252	169.00	42,588.00
11	Insulated Piercing connector ,Type-B main 50-150 sq. mm & Tap-6 to 35 sq. mm	No	5	62.13	297.60
12	Insulated Piercing connector ,Type-C main 16-95 sq. mm & Tap-1.5 to 16 sq. mm	No	1	60.00	72.00
13	Pipe Earthing(each 5 th Pole to Earth)	No	2	1365.00	2,730.00
14	Coil Earthing	No	6	215.80	1,294.80
15	No-8 GI wire (Dia-4.6mm)	Kg	2.096	97.50	204.36
16	Danger plate (LT)	No	8	104.00	832.00
17	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	2.41	97.5	234.98
18	GI barbed wire/Anticlimbing device 3 kg per support	Kg	24	104	2496.00
19	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	9.63	97.5	938.93
20	GI Nut, Bolt & washers of different sizes	Kg	4	101.40	405.60
21	Yellow colour paint for Background	Ltr	16	216.00	3,456.00
22	Black paint	Ltr	8	286.00	2,288.00
A	TOTAL MATERIAL COST				2,18,158.26
B	Stock, Storage & Insurance @ 3% of A				6,544.75
C	Sub Total (C=A+B)				2,24,703.01
D	Contingency @3% of C				6,741.09
E	T & P 2% of C				4,494.06
F	Transportation @ 7.5% of C				16,852.73
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of Joist Poles @ 5%				7,206.70
I	Erection Charges of other @ 10%				6,313.54
J	Sub Total Rs.				2,66,311.13
Civil and Services Works (As per Technical Specification)					

23	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	7	2250	15750
24	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	3	6500.00	19,500.00
25	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	3700.00	7,400.00
K	Total Services Cost				42,650.00
	Total Material + Services Cost (J+K)				3,08,961.13
	Dismantling charges	No	1	1500	1,500.00
	Total Estimated Cost				6,50,740.38
	Total Estimated Cost in Figures				6,50,740.00
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/-
Asst. Project Manager (Elect) (Hqr)

Sd/-
Project Manager(Elect.)