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 TO CATER POWER SUPPLY TO 1-E+8-F TYPE STAFF QUARTERS AT GANGADHARPUR FIRE STATION IN THE DISTRICT OF KHORDHA.

BID REF NO :- 59/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	**UPGRADATION OF S/S FROM 63 KVA TO 100 KVA S/S.**				
1	100 KVA , 11/ 0.4 KV (AL) Transformer, BIS Energy Loss level II, Ammendment-4	No	1	193901.46	1,93,901.46
2	LT Distribution Box with MCCB, Aluminium Busbar of 2 Bay with kit kat fuse for 100 KVA S/S	No	1	34674.98	34,674.98
3	55 SQ.MM. AAAC XLPE Covered Conductor	Mtr	50	99.74	4,987.00
4	4 Cx 150 mm2 LT XLPE Cable(Armoured) - FOR 100 KVA Trf.	Mtr	15	805.08	12,076.20
5	1.1 kv 4 CORE 150 sq. mm XLPE Insulation armoured-aluminium UG cable from LTDB to Pole	Mtr	40	805.08	32,203.20
6	11 KV LA (12KV,10 KA)station class-2	No	3	5041.00	15,123.00
7	GI Pipe for earthing 40mm dia 3mtr long	No	5	1491.00	7,455.00
8	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2,769.00
9	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
A				**A. Sub total**	**3,03,871.44**
B				**B. Stock, Storage & Insurance @ 3% of A**	**9,116.14**
C				**Sub Total (C=A+B)**	**3,12,987.58**
D				**T&P @ 2% of C**	**5,194.03**
E				**Contigency @ 3% of C**	**9,389.63**
F				**Transportation @ 7.5% of C**	**23,474.07**
G				**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**	**9,985.93**
H				**Erection Charges @ 20% on PSC Poles**	
I				**Erection Charges @ 10% for other materials**	**5,998.26**
J				**Total**	**3,67,029.50**

10	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	5	3784.73	18,923.65
11	Laying of 4Cx150 sq.mm LT XLPE cable	Mtr.	55	73.65	4,050.75
12	Supply and Erection of GI fencing with Gate	Sq. Mtr.	16	3682.44	58,919.04
13	Supply of AL Lugs suitable for 150 sq mm cable/conductor, Crimping with cable and Fixing/connecting include supply and erection of PVC Tape as per voltage requirement.	No	24	156.50	3,756.00
14	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4 core 120-185 sq. mm sqmm including making hole in Base plate and dressing of cable along with vermin proofing properly .Supply to be done as per TPCODL Spec and approved make dowells.	No	3	920.61	2,761.83
					88,411.27
				Sub total Rs	**4,55,440.77**
II	**Construction of LT Line using 4x50+1x50+1X16 sq. mm LT AB Cable- -0.22 Km.**				
1	9 Mtr Long 300 KG PSC Pole	No	7	4260.00	29,820.00
2	LT stay set complete	Set	4	738.40	2,953.60
3	7/12 SWG GI stay wire, Grade-2	Kg	48	106.50	5,112.00
4	LT stay clamp	Pair	4	156.20	624.80
5	LT stay set Insulator	No	4	42.60	170.40
	LT Accessories with Eye Hook and Clamp				
6	Pole Clamp for Eye Hook for XLPE Areial bunched cable	Pair	10	284.00	2,840.00
7	Eye Hook for XLPE Areial Bunched Cable	No	6	85.20	511.20
8	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	6	92.30	553.80
9	Suspension clamp with Eye Hook for ABC (25-70 sqmm)	No	4	482.80	1,931.20
10	4 Cx50(P)+1Cx50(M)+1CX16 Street Light)sq. mm LT Aerial Bunched Cable	Mtr	231	206.22	47,636.82
11	4 way Distribution Box with kit kat Fuse and Aluminium Bus bar	No.	3	3138.20	9,414.60
12	Insulated Piercing connector ,Type-A main 50-150 sq. mm & Tap-50 to 150 sq. mm	No	8	113.08	904.64
13	GI Pipe earthing(each 5th pole to Earth)	No	1	1491.00	1,491.00
14	Coil Earthing	No	6	235.72	1,414.32
15	No-8 GI wire (Dia-4.6mm)	Kg	1.80	106.50	191.70
16	Danger plate (LT)	No	7	113.60	795.20
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	2.11	106.5	224.72
18	GI barbed wire/Anticlimbing device 3 kg per support	Kg	21	113.6	2,385.60
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	8.43	106.5	897.80
20	GI Nut, Bolt & washers of different sizes	Kg	3.5	110.76	387.66
21	Yellow colour paint for Background	Ltr	14	216.00	3,024.00
22	Black paint	Ltr	7	312.40	2,186.80
A				**TOTAL MATERIAL COST**	**1,15,471.85**
B				**Stock, Storage & Insurance @ 3% of A**	3,464.16

C				**Sub Total (C=A+B)**	**1,18,936.01**
D				**Contingency @3% of C**	**3,568.08**
E				**T & P 2% of C**	**2,165.53**
F				**Transportation @ 7.5% of C**	**8,920.20**
G				**Erection Charges for PSC Pole @ 20%**	6,142.92
H				**Erection Charges of Joist Poles @ 5%**	
I				**Erection Charges of other @ 10%**	7,755.91
J				**Sub Total Rs.**	**1,47,488.65**
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	4	2301.53	9,206.12
24	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	2.625	6648.85	17,453.23
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	1	3784.73	3,784.73
K				**Total Services Cost**	**30,444.08**
				Total Material + Services Cost (J+K)	**1,77,932.73**
				Sub Total Rs.	**6,33,373.50**
				Cess @1%	**6,333.73**
				Total Estimated Cost	**6,39,707.23**
				Total Estimated Cost in Figures	**6,39,707.00**

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)