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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 28-F TYPE QUARTERS (S+7) (BLOCK-I & II) AT SOG, CHANDAKA, BHUBANESWAR IN THE DISTRICT OF KHURDA.					
BID REF NO :-62/PM/ELECT/OPHWC/2025-26					
NAME & ADDRESS OF THE FIRM					
PART-A	Supply and Laying of 1.1 KV LT XLPE Insulation armoured U/G Cable using 4 C x 70 Sq. mm AND 4 C x 35 Sq. mm Cable.				
1	Supply of materials for 1.1 KV XLPE insulation armoured UG cablele with accessories-Open trench (along with spare cable)				
a	Length of 1.1 KV, 4C, 35 sq. mm XLPE insulation armoured-Aluminium UG Cable(open trench)				
b	Length of 1.1 KV, 4C, 70 sq. mm XLPE insulation armoured-Aluminium UG Cable(open trench)				
1.1	4 core 35 sq. mm XLPE insulation armoured -Aluminium UG Cable	Mtr	300	205.06	61,518.00
1.2	4 core 70 sq. mm XLPE insulation armoured -Aluminium UG Cable	Mtr	600	342.37	205,422.00
2	supply of 1.1 KV Multimeter Panel				
a	No. of 1.1 KV I/C -160 A & 20 Nos. of O/G 32 A	No	1		
2.1	Supply of 1.1 KV I/C-160 A & 29 Nos. of O/G 32A	Nos	2	207,000.00	414,000.00
2.2	Supply of 1.1 KV I/C-160 A & 9 Nos. of O/G 32A	Nos	2	125,000.00	250,000.00
3	Earthing of Multimeter Panel				
3.1	Earthing conductor 50x6mm (2.4 Kg/Mtr.)GI flat	Kg	52.8	102.00	5,385.60
3.2	40 mm Nominal bore GI pipe (medium gauge) earthing device with 3 Mtr. Long	Nos	8	1,428.00	11,424.00
A	A. Sub total				947,749.60
	Erection Portion				
1	Laying ,commissioning ,Testing of 1.1 KV , Aluminium, XLPE insulation armoured UG cable by open trench method				
1.1	Laying of 1.1 KV ,4 core 35 sq. mm XLPE insulation armoured-Aluminium UG cable	Mtr	300	47.87	14,361.00

1.2	Laying of 1.1 KV ,4 core 70 sq. mm XLPE insulation armoured-Aluminium UG cable	Mtr	600	47.87	28,722.00
2	SITC of Gland /AL term				
2.1	Supply and erection of double compression flameproof type glanding for armoured cable 3.5/4 core ,16-35 sq. mm including making hole in Base plate and dressing of cable along with vermin proofing properly .supply to be done as per TPCODL specification and approved make dowells	EA	4	368.24	1,472.96
2.2	Supply and erection of double compression flameproof type glanding for armoured cable 3.5/4 core ,50-95 sq. mm including making hole in Base plate and dressing of cable along with vermin proofing properly .supply to be done as per TPCODL specification and approved make dowells	EA	8	690.46	5,523.68
					50,079.64
Civil Portion					
2	Civil works with supply of all materials like cement, MS tor rod, brick, coarse & fine aggregates and labour, T&P, etc for LT UG Cable Trench				
2.1	Earth work excavation of soil Trench Dimension(1.6 Mtr. Wx1.275 Mtr. D)	Cum	114.24	716.03	81,799.27
2.2	Earth work excavation of hard rock Trench Dimension(1.6 Mtr. Wx1.275 Mtr. D)	Cum	48.96	1,759.39	86,139.73
2.3	Back filling with excavated soil outside and above the trench	Cum	46.2	204.58	9,451.60
2.4	PCC (1:3:6(M-10 Grade)) below trench (width 1500mm, thickness 75mm throughout)	Cum	9	5,247.48	47,227.32
2.5	Supply and erection of material for RCC partition slab 750mmX100mm (M-25 grade)	Cum	7.8	7,483.54	58,371.61
2.6	Supply and erection of material for RCC trench, 150mm thick (M-25 grade)	Cum	37.2	7,483.54	278,387.69
2.7	Supply and erection of rod, bending, cutting and binding of RCC trench (65.23 KG/cum)	Cum	2426.56	111.50	270,560.99
2.8	Supply and erection of rod, bending, cutting and binding of RCC slabs (67.8 KG/cum)	Cum	528.84	111.50	58,965.66
2.9	Centring & shuttering for mass concrete	M2	312	307.89	96,061.68
3	Structural steel work riveted (Channel(GI)- 75mmX40mmX4.8mm), (Flat(GI)- 75mmX6mm)	Kg	227.76	130.00	29,608.80
	Civil works for Prefabricated RCC foundation with supply of all materials				
3.1	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.	Set	8	3,784.73	30,277.84
	Sub Total (Civil Portion) (in Rs.)				1,046,852.19
A	Sub Total (Supply Portion)				947,749.60
B	Stock, Storage & Insurance @ 3 % of A				28,432.49
C	Sub Total (A+B)				976,182.09
D	Contingency @ 3 % of C				29,285.46
E	Tools & Plants Charges @ 2% of C (considered for multimeter panel and earthing items)				13,789.94
F	Transportation @ 7.5% of C				73,213.66

G	Erection Charges @ 10% of earthing items and Multimeter panel				68,946.72
H	Total (C+D+E+F+G)				1,161,417.87
I	Sub Total (Erection Portion + Civil Portion)				1,096,931.83
J	Total Cost (H+I)				2,258,349.70
PART-B	INSTALLATION OF 500 KVA S/S.				
1	50x6mm GI Flat for earthing, 2.36kg/mtr., (2.5x7 mtr. For mesh formation, 12 Mtr. For L.A and 2.5 Mtr for raising, 11 Mtr. For AB Switch ,2.8 Mtr. for HG Fuse, 5x2 Mtr. For DTR neutral,(13-4.5)mtr. For DTR Body, 0.500 Mtr. For LTDB & AB switch operating handle, 3 Mtr. for fencing.)	Kg	154.82	102.00	15791.64
2	500 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	1201519.03	1201519.03
3	LT Distribution Box with MCCB, Aluminium Busbar of 3 Bay with kit kat fuse for 500 KVA S/S	No	1	102530.81	102530.81
4	55 sq. mm All Alloy conductor-PVC insulated	Mtr	50	55.24	2762.00
5	1 Cx 400 mm2 LT XLPE Cable(Armoured) - FOR 250 KVA Trf.	Mtr	180	363.08	65354.40
6	Wedge connector for 55 sq. mm Conductor	No	6	146.20	877.20
7	Polycarbonate Bird Guard	No	6	20.96	125.76
A	A. Sub total				1,388,960.84
B	B. Stock, Storage & Insurance @ 3% of A				41,668.83
C	Sub Total (C=A+B)				1,430,629.67
D	T&P @ 2% of C				27,266.28
E	Contingency @ 3% of C				42,918.89
F	Transportation @ 7.5% of C				107,297.22
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				61,878.23
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				12,574.96
J	Total				1,682,565.25
8	PCC ratio 1:3:6(M-10 Grade) For DSS Area (3.52X2.5X0.1)= 0.1.225 Cu. mtr.	Cu. Mtr	1.225	5247.48	6,428.16
9	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	7	3,784.73	26,493.11
10	LT DB Plinth	No	1	6,000.00	6,000.00
11	DTR Plinth	No	1	32,181.60	32,181.60
12	Laying of 1Cx400 sq. mm LT XLPE cable	Mtr	180	96.66	17,398.80
13	SITC and erection of GI fencing with gate	RM	20	3,682.44	73,648.80

14	Supply of ALL lugs suitable for 400 sq. mm cable/conductor, crimping with cable and fixing /connecting include supply and erection of PVC Tape as per voltage requirement.	EA	24	322.21	7,733.04
15	Supply and erection of double compression Flameproof type Glanding for armoured cable 1 C 300-1000 sq. mm including making hole in Base plate and dressing of cable along with vermin proofing properly. Supply to be done as per TPCODL specification and approved make dowells.	EA	12	1,227.48	14,729.76
					184,613.27
	Sub total Rs				1,867,178.52
	Total Rs.				4,125,528.22
	Cess @ 1%				41,255.28
	Total Estimated Cost				4,166,783.50
	Total Estimated Cost in Figures				4,166,784.00
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)