

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 6-F TYPE STAFF QUARTERS AT KOSAGUMUDA POLICE STATION IN THE DISTRICT OF NABARANGAPUR.

BID REF NO.-21/PM/ELECT/OPHWC/2026-27

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.

PART-I					
Renovation of 100 KVA 11/0.4KV sub station -1 No.					
1	AB switch mounting GI channel(75x40x6)mm,each 2.8mtr long 2 No(6.8Kg/mtr)	K.g	38.08	106.50	4055.52
2	HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 2 No(6.8Kg/mtr)	K.g	38.08	106.50	4055.52
3	Cantilever GI Channel for supporting HG Fuse,75x40x6mm.-1.5 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	20.4	106.50	2172.60
4	Cantilever GI angle for supporting HG Fuse 50x50x6mm MS Angle 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	13.5	106.50	1437.75
5	Back clamp for Cantilever Angle	Kg.	4	113.60	454.41
6	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	13.5	106.50	1437.75
7	Channel for AB switch Handle 75x40x6mm GI 1 Mtr. Long ,1 No.(@6.8 Kg/Mtr.)	K.g	6.8	106.50	724.20
8	GI Belting Channel 75x40x6 mm ,2.8 Mtr. Long 4 Nos.(6.8 Kg/Mtr.	K.g	38.08	106.50	4055.52
9	GI Bracing Angle for 50x50x6 mm ,3.5 Mtr. Long each, 2 Nos.(4.5 Kg/Mtr.)	K.g	25.2	106.50	2683.80
10	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16827.00	16827.00
11	11KV HG fuse 3 pole(400 Amp)with PI	Set	1	16372.60	16372.60
12	11 KV LA(12 KV, 10 KA)station class	No.	3	5041.00	15123.00

13	LT Distribution Box with MCCB, Aluminium Bus Bar for 2 bay with Kitkat fuse for 250 KVA S/S .	No	1	34674.98	34674.98
14	1Cx150 sq. mm LT XLPE cable (Armoured)	Mtr.	28	298.20	8349.69
15	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
16	25x4 mm GI flat earthing	Kg	80	106.50	8520.00
17	GI Nuts, Bolts and washers of assorted size	Kg	18	110.76	1993.68
18	Earthing Device coil type GI	No	2	235.72	471.44
19	No.6 GI wire for earthing	Kg	0.52	106.50	55.38
20	Danger Board	No.	2	113.60	227.20
21	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6	106.50	63.90
22	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
23	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.41	106.50	256.67
24	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	1.63	106.50	173.60
25	Black Paint	Ltr.	1	312.40	312.40
26	Yellow Paint	Ltr.	2	212.77	425.54
27	Sundries (Paint,Al. Binding tape , wire insulating tape, clamp connector, jumpering materials, socket & other accessories etc.)	LS	1	2500.00	2500.00
A.Sub Total Rs.					138,542.75
B	Stock,storage and insurance (@3% on A)				4156.28
C	TOTAL RS.				142699.03
D	T&P @ 2% of C				2853.98
E	Contingency @ 3% of C				4280.97
F	Transportation @ 7.5% of C				10702.43
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				14269.90
H	TOTAL RS.				174806.31
1	Material for earthing including masonry work for earth pit, and cement plate cover including salt, Charcoal etc.	No	7	1600.00	11200.00
Sub Total					186006.31
B	Construction of Brick Bondary wall fencing with sand and metal spreading				
28	Brick boundary wall for fencing, sand Filling, Spreading of Aggregate & also including fixing of MS Grill Gate.	R. Mtr.	12	7300.12	87601.42
	Construction of Brick Boundary Wall Fencing with sand , metal spreading & Plinth Foundation.				
	Construction of Plinth				

30	Civil cost for making Plinth for LTDB Provided necessary civil material, manpower, machinery for construction of plinth as per standard drawing.	No	1	6000.00	6000.00
				Sub Total Rs.	279,607.73
PART-II	Construction of LT 3ph 5 W line using 3x50+1x35+1x16 sqmm XLPE AB Cable=0.07 Km				
1	9 Mtr Long 300 Kg PSC Pole (Including Transportation cost)	No	3	4260.00	12780.00
2	RCC Base Plate	No	3	408.00	1224.00
3	Earthing Device coil type GI	No	3	235.72	707.16
4	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.786	106.50	83.71
5	Pole clamp for eye Hook for XLPE cable	No	22	284.00	6248.00
6	Eye hook	No	22	85.20	1874.47
7	Dead end clamp suitable for XLPE cable	No	14	92.30	1292.15
8	Eye hook	No	14	85.20	1192.85
9	Suspension Clamp with Eye hook for ABC	No	15	482.80	7241.95
10	L.T Stay set (Complete)	Set	5	738.40	3691.99
11	L.T Stay Insulator	No.	5	42.60	213.01
12	L.T Stay Clamp(1.4 K.g/Pair)	Pair	5	156.20	781.02
13	7/12 SWG Stay Wire	Kg	40	106.50	4260.00
14	GI Nuts, Bolt and washer	Kg	11	110.76	1218.39
15	3x50+1x35+1x16 sqmm LT XLPE Cable	Km	0.77	198800.00	153423.90
16	Danger Board	No.	3	113.60	340.81
17	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	0.9	106.50	95.85
18	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	9	113.60	1022.42
19	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	3.61	106.50	384.47
20	Black Paint	Ltr.	1.5	312.40	468.60
21	Yellow Paint	Ltr.	3	212.77	638.31
22	Sundries & minor materials	LS	1	1000.00	1000.00
					200183.05
				A.Sub Total Rs.	200,183.05
B	Stock,storage and insurance (@3% on A)				6005.49
C	TOTAL RS.				206188.54
D	T&P @ 2% of C				4123.77
E	Contingency @ 3% of C				6185.66
F	Transportation @ 7.5% of C				15464.14
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				21935.19

H	TOTAL RS.				253897.30
23	Concreting of support in ratio C.C.1:1:5:3,0.375 Cum	No	3	2493.32	7479.96
24	Couping of poles in ratio 1:1:5:3 , 0.1125 Cum	No	3	748.00	2244.00
25	Cement Concreting for stay anchor plate with C.C 1:2:4, 0.2 cum @ 6177.92	Nos.	5	1329.77	6648.85
					270270.11
Part-III	Dismantling Charges for old materials & Shifting Charges				
1	Dismantling charges of AB Switch	No	1	1016.95	1016.95
2	Dismantling Charges of HG Fuse	No	1	1016.95	1016.95
3	Dismantling charges of LA	Nos.	3	137.39	412.17
4	Dismantling charges of Steel Structure	Kg	120	4.82	578.64
5	Dismantling charges of existing LT Line	Mtr.	665.00	19.51	12973.14
				Sub Total Rs.	15,997.85
	Sub total Rs.				565,875.69
	Cess @ 1%				5,658.76
	Total Estimated Cost				571,534.44
	Total Estimated Cost in Figures			-	571,534.00
EXCESS <input type="checkbox"/> LESS <input type="checkbox"/> (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)