

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail: jmelectricalophwc@gmail.com, Website: www.ophwc.nic.in****PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB****NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO C- TYPE QUARTER FOR SECRETARY, DLSA AND D - TYPE QUARTER FOR JMFC AT PARALAKHEMUNDI IN THE DISTRICT OF GAJAPATI.****BID REF NO :- 02/JM/ELECT/OPHWC/2021-22****NAME &
ADDRESS
OF THE
FIRM****SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost	
Sl. No.	Particulars	Unit	Qty.	RATE IN RS.	AMOUNT IN RS.
PART-A	Estimate for construction of new 11 KV 3 Ph 3W line with 55sqmm AAAC-0.450 KM				
1	11 Mtr long 150 x 150 mm R.S. Joist Pole (34.6 kg/Mtr) (11x34.6x65)	Nos.	6	24739.00	148,434.00
2	10 Mtr long 150 x 150 mm R.S. Joist Pole (34.6 kg/Mtr) (10x34.6x65)	Nos.	5	22490.00	112,450.00
3	Straight channel 100x50x6mm for st. cross arm 1.2Mtr+0.25 Mtr for top piece@ 9.2 kg/Mtr (2 nos each for one cut point)	kg	133.4	65.00	8,671.00
4	11 KV V cross Arm	Nos.	6	810.00	4,860.00
5	GI Back clamp for V cross arm (0.85KG each)	Nos.	6	80.00	480.00
6	F clamp (2.9 kg each)	Nos.	6	240.00	1,440.00
7	11 KV Disc insulator (T& C), 45KN, poreclain doble disc arrangement	Nos.	72	290.00	20,880.00
8	11 KV Hard wire fittings (T & C)	Nos.	36	130.00	4,680.00
9	11 KV Pin insulator Procelin	Nos.	33	80.00	2,640.00
10	11 KV GI Pin	Nos.	33	80.00	2,640.00
11	HT Stay Set complete	Set	6	1050.00	6,300.00
12	HT stay insulator Type-C	Nos.	6	50	300.00

13	Stay clamp or stud clamp (1.9 kg/Pair)	Pair	6	125.00	750.00
14	7/10 SWG GI Saty wire	kg	60	75.00	4,500.00
15	Concreting of support CC 1:3:6 using 40 mm HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum@ 4158.84 = 0.3037x4158.84=1263.03 or 1270+ coupling with CC 1:3:6 by using12mm size hard broken granide chips=0.3 mtrX0.3 mtrX0.45 mtr=0.0405cum@ Rs 4754.71/cum= 0.405xRs 4754.71= Rs192.57 or 193	No	6	1270.00	7,620.00
16	Concrete material for stay anchor plate with CC 1:3:6 using 4 cm size hard granite metal (0.45x0.45x1.5) mtr 0.3037 cum 4158.84= 0.3037x4158.84 =1263.03 or 1270	Nos.	11	1270.00	13,970.00
17	Couping material for support/pole	Nos.	11	315.00	3,465.00
18	55sqmm AAA conductor	Km	1.391	30000.00	41,730.00
19	Earthing (Coil type) for support/pole	Nos.	11	166.00	1,826.00
20	Danger Board	Nos.	11	80.00	880.00
21	RCC Base plate	Nos.	11	290.00	3,190.00
22	MS Nut,Bolt & Washers	Kg	15	71.00	1,065.00
23	Sundries	Ls	1	1000.00	1,000.00
				Sub total of A	393,771.00
PART-B	Estimate for 25KVA, 11/0.4KV DP mounted S/S- 1 No				
Sl. No.	Particulars	Unit	Qty.	RATE IN RS.	AMOUNT IN RS.
1	10 mtr long 150x150 mm RS Joist pole (34.6 kg/Mtr) (10x34.6x65)	No	2	22490.00	44,980.00
2	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos	Kg.	51.52	65.00	3,348.80
3	Transformer mounting Channel 100X50X6 mm.2.8mtr. Long 2Nos (9.2 kg/ Mtr)	Kg.	51.52	65.00	3,348.80
4	AB switch & H.G fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.).	Kg.	76.16	65.00	4,950.40
5	Cantilever channel for supporting HG fuse 75x40x6mm.MS Angle 1mtr. Long 2Nos. (6.8kg./mtr.).	Kg.	13.6	65.00	884.00
6	Cantilever channel for supporting HG fuse 50x50x6mm MS angle 1 mtr long 2 nos(4.5 Kg/Mtr).	Kg.	9.00	65.00	585.00

7	Angle for Cantilever arrangement for AB switch & H.G fuse 50x50x6mm 2 mtr long 2 nos(4.5 Kg/Mtr).	Kg.	18.00	65.00	1,170.00
8	Transformer belting 50x50x6mm angle 2.8 mtr long 2 nos(4.5 Kg/Mtr) with side angle total (7Mtr)	Kg.	31.5	65.00	2,047.50
9	Angel for mounting L.T Distribution box 35x35x5mm 1 mtr long 2 nos(3.5 Kg/Mtr).	Kg.	22.5	65.00	1,462.50
10	11KV AB switch 3 pole(200 Amp)	Set	1	7350.00	7,350.00
11	11KV HG fuse 3 pole(200 Amp)	Set	1	6120.00	6,120.00
12	11 KV Lighting arrestor, 9KV, 5KA	Nos.	3	980.00	2,940.00
13	LT Distribution box with MCCB, Aluminium busbar of single bay with kitkat fuse for 25 KVA S/S	No.	1	14930.00	14,930.00
14	HT stay set (Complete) REC construction standard	Nos.	4	1050.00	4,200.00
15	11 KV stay Insulator Type C	Nos.	4	50.00	200.00
16	Stay Clamp (1.9 kg/ Pair)	Pair	4	125.00	500.00
17	7/10 SWG GI Saty wire (Grade 2)	Kg	40	75.00	3,000.00
18	GI Pipe earthing 40 mm Dia Medium gauge 3 mtrs long	Nos.	5	1050.00	5,250.00
19	Earthing coil for supports	Nos.	2	166.00	332.00
20	25x4 mm GI flat for neutral earthing	Kg	30	75.00	2,250.00
21	Concrete material for stay anchor plate with CC 1:3:6 using 4 cm size hard granite metal (0.45x0.45x1.5) mtr 0.3037 cum @4158.84= 0.3037x4158.84=1263.03 or 1270	Nos.	4	1270.00	5,080.00
22	Concreting of support CC 1:3:6 using 40 mm HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum@ 4158.84 = 0.3037x4158.84= 1263.03+ coupling with CC 1:3:6 by using 12mm size hard broken granide chips=0.3 mtrX0.3 mtrX0.45 mtr=0.0405cum	Nos.	2	1270.00	2,540.00
23	Couping material for support/pole	Nos.	2	315.00	630.00
24	Materials for Massionary work for earth Pit, Charcoal, Salt and cement plate cover	Nos.	5	1723.00	8,615.00
25	Clamp connector and jumpering materials	LS	1	1100.00	1,100.00

26	25 KVA 11/0.4 KV(Al)Transformer Bis Energy level-II	No.	1	53800.00	53,800.00
27	LT 3 1/2 Core 35 sq. mm PVC Cable (un-Armoured) 12 Mtr for 25 KVA S/S	Mtr.	13	152.00	1,976.00
28	Socket and other cable accessories	LS	1	330.00	330.00
29	Ms bolt, Nuts & washners	Kg	36	71.00	2,556.00
30	Sundries (Paint,Danger Board, Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable accessories, etc)	LS	1	3500.00	3,500.00
				Sub Total of B	189,976.00
PART-C	Estimate for Construction of new 3ph 4W LT line with (3x35+1x25) sqmm AB cable & 8 Mtr long 200kg PSC pole - 0.140 KM				
Sl. No.	Particulars	Unit	Qty.	RATE IN RS.	AMOUNT IN RS.
1	8 Mtr.long 200 KG PSC pole	Nos.	4	2000.00	8,000.00
2	RCC base plate	Nos.	4	290.00	1,160.00
3	Dead End clamp with I hook	Nos.	5	125.00	625.00
4	Suspension clamp with I hook	Nos.	1	340.00	340.00
5	(3x35+1x25)sqmm XLPE AB Cable	Mtr.	144	108.00	15,552.00
6	LT stay set (Complete)	Set	3	520.00	1,560.00
7	LT stay insulator	No	3	30.00	90.00
8	Stay clamp or stud clamp (1.9 kg/Pair)	Pair	3	110.00	330.00
9	7/12 SWG GI stay wire	Kg	21	75.00	1,575.00
10	Concrete material for stay anchor plate (1.5 feet Length x 1.5feet width x 3feet depth)	Nos.	3	1270.00	3,810.00
11	MS Nut,Bolt & Washers	Kg	2	71.00	142.00
12	Earth of support(coil type)	Nos.	4	166.00	664.00
13	Sundries	LS	1	300.00	300.00
				Sub total of C	34,148.00
				Total material cost D = (A+B+C) in RS	617895.00
				E. Stock, Storage & Insurance @ 3% of D	18,536.85
				Sub Total (F=D+E)	636,431.85
				T&P @ 2% of F	12,728.64

Contingency @ 3% of F					19,092.96
Transportation @ 7.5% of F					47,732.39
Erection Charges @ 5% for transformer cost including stock, storage & insurance @3%					18,522.70
Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%					1,648.00
Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%					25,773.79
Sub total of G					761,930.32
1	Cost of 230 nmm thick brick boundary wall (5x4x1.5) Mtr with two coats of white wash with lime double leaf MS gate (1.5x1.5) Mtr made up of 30x30x6mm MS angle and 25x6mm GI flat and two coats of paint of primer and two coats of approved epoxy paint. Two nos of concrete column of size 30x300x2000 mm with RCC concreting including steel reinforced(1:3:6) for fixing of gate.	LS	1	45000.00	45,000.00
				Total Estimated Cost	806,930.32
				Or Say.	806,930.00
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 @12%.

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect)

Sd/-
Asst. Project Manager (Elect) (Hqr)

Sd/-
Joint Manager(Elect)