

**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 :- 05 AS PER IFB**

**NAME OF THE WORK :- SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF PUBLIC INFORMATION SYSTEM AT LOISINGHA BUS STAND (ABS-C TYPE) (PHASE-I) IN THE DISTRICT OF BOLANGIR.**

**BID REF NO :- 73/PM/ELECT/OPHWC/2024-25**

**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.	
<b>I</b>	<b>CONSTRUCTION OF 11 KV LINE .</b>					
<b>A</b>	<b>11 KV TAPPINGON RSJ POLE</b>					
<b>1</b>	11 Mtr. Long 150x150 mm RS Joist Pole,34.6 Kg/Mtr.	No	1	33645.04	33645.04	
<b>2</b>	GI channel 75x40x6 mm for Straight cross Arm	Kg	32.64	88.40	2885.376	
<b>3</b>	11 KV Disc insulator polymer type 70 KN	No	3	1564.00	4,692.00	
<b>4</b>	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00	
<b>5</b>	PG clamp for 55/100 sq. mm AAAC	No.	3	652.80	1,958.40	
<b>6</b>	11 KV Pin Insulator Polymer	No	5	272.00	1,360.00	
<b>7</b>	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	5	102.00	510	
<b>A</b>	<b>A. Sub total</b>				<b>46,478.82</b>	
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,394.36</b>	
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>47,873.18</b>	
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>1,140.56</b>	
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>1,436.20</b>	
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>3,590.49</b>	
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>1732.72</b>	
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>					

I	<b>Erection Charges @ 10% for other materials</b>				<b>1321.88</b>
J	<b>Total</b>				<b>57,095.02</b>
8	Padding & Concreting material for support	M3	1	2,837.90	2,837.90
	<b>Total Rs.</b>				<b>59,932.92</b>
B	<b>11 KV LINE WITH 55 SQ. MM INSULATED AAAC</b>				
1	55 sq. mm 11 kv Insulated covered AAAC	Mtr.	92.7	152.00	14,090.40
2	GI barbed wire/Anticlimbing device	No	1.2	108.80	130.56
3	Danger plate	No	1	108.80	108.80
A	<b>A. Sub total</b>				<b>14,329.76</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>429.89</b>
C	<b>Sub Total (C=A+B)</b>				<b>14,759.65</b>
D	<b>T&amp;P @ 2% of C</b>				<b>295.19</b>
E	<b>Contingency @ 3% of C</b>				<b>442.79</b>
F	<b>Transportation @ 7.5% of C</b>				<b>1,106.97</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>1,475.97</b>
J	<b>Total</b>				<b>18,080.57</b>
B	<b>LT SERVICE CABLE 4C 95 SQ. MM</b>				
1	4 Core AL PVC armoured cable of 95 sq. mm	Mtr.	10	501.74	5017.4
A	<b>A. Sub total</b>				<b>5,017.40</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>150.52</b>
C	<b>Sub Total (C=A+B)</b>				<b>5,167.92</b>
D	<b>T&amp;P @ 2% of C</b>				<b>103.36</b>
E	<b>Contingency @ 3% of C</b>				<b>155.04</b>
F	<b>Transportation @ 7.5% of C</b>				<b>387.59</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>516.79</b>
J	<b>Total</b>				<b>6,330.70</b>
I	<b>INSTALLATION OF 63 KVA S/S.</b>				

1	63 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II	No	1	117640.00	117,640.00
2	11 KV Lightning Arrester	EA	3	1332.80	3,998.40
A	<b>A. Sub total</b>				<b>121,638.40</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>3,649.15</b>
C	<b>Sub Total (C=A+B)</b>				<b>125,287.55</b>
D	<b>T&amp;P @ 2% of C</b>				<b>2,505.75</b>
E	<b>Contingency @ 3% of C</b>				<b>3,758.63</b>
F	<b>Transportation @ 7.5% of C</b>				<b>9,396.57</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>6058.46</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>411.84</b>
J	<b>Total</b>				<b>147,418.80</b>
	<b>Total Rs.(PART-A)</b>				<b>231,763.00</b>
	<b>PART-B</b>				
1	40001126 providing and fixing 8 SWG(4mm)dia copper wire on surface or in recess for loop earthing as required.	RFT	80	2520.00	201600.00
2	40001703 Supply and fixing of 2 way single door MCB box with 1 no 32 AMP DPMCB with sheet steel encloser,distribution board,on surface /recess,complete with tinned copper bus bar,neutral bus bar,earth bar,din bar, detachable gland plate, interconnection, phosphate and power painted including earthing etc as required. Make of MCB - Legrand/L &T/ABB /SCHNIDER.	NO	2	1806.94	3613.88
3	40001993 Supply and laying of 4Sqmm 3 Core Copper Cable 20 mm dia non-metalic heavy duty flexible conduit 1.6 mm thick. (Make of wire Finolex/L &T/Anchor/Havels/V Guard).	MTR	50	8244.00	412200.00

4	40002149 Supply and laying of 6 sq.mm 4 core copper flexible cable Panel to AC out door Unit.(Make of Cable-Finolex/Havells/ Polycab).	MTR	50	13361.00	668050.00
5	40002163 Supply and fixing of 6 sq.mm 04 core PVC Al. Arm Cable of 1.1 KV grade end termination.	SET	4	600.00	2400.00
6	40002360 Supply and fixing of 40mm dia HDPE pipe - PE 80 grade PN-6. 2.0 wall thickness.	MTR	100	9300.00	930000.00
7	40002497 Supply of outdoor type auxillary panel board made out from 20 gauge thick CR Sheet duly painted with clamping arrangement to be fixed on street light pole equipped with 04 nos bus bar 03 nos indication lamp with 1 No toggle switch , 1 no timer switch , 1 No Stud type 4 way terminal I/P) 63 Amp ) 1 No 63A TPN MCB, 1 No 3 Pole Contractor 65 A, 1 No Single Pole MCB 10A, 3 Nos 16 amp TPN MCB , 3 Nos Stud type , 4 way terminal (O/P) 63A A with earthing arrangement. [Make-(a) MCB /MCCB - Legrand/ Schnider/L &T/ ABB, ( b) Volt meter, Ammeter-AE/CAPPA, (c) all other accessories ISI mark].	NO	2	46000.00	92000.00
8	40008291 Supply and fixing of Earthing with GI earth pipe 3 meter long 40 mm dia Heavy Duty TATA make including accessories and providing masonry enclosure with cover plate having locking arrangement and water pipe etc with charcoal and salt as required. (Minimum 1.5 mtr distance from building & 3 mtr distance from earthing to earthing).	NO	4	14921.40	59685.60

9	40008505 Supply & fixing of cat-6 UTP cable,4 pair,23AWG,FRPVC CM for LAN wiring with conduit pipe / PVC casing caping / under floor G.I. Tunk line. MAKE- D-LINK(MODEL NO-NCB-C6UGRYR)/DIGISOL/MOLEX).	MTR	100	5774.00	577400.00
10	40010417 LED Display Board 12'6" LX6'3" H/10'LX6'3"H/8'0"LX6'3"HP 6 pixel density 160000 dots/sqm module resolution128x64 dots frame frequency 60Hz single LED unit pixel ,brightness 800-1000cd/sqm,gray scale up to 16bit /2.81 billion,optimum viewing angle 140x120,input voltage 220V AC, operating temprature 200C to 500C,Cabinet size 960mmx960mm die cast ,english/odia /any language for text,video,image,outdoor active LED video fixed on unipole structure with ACB box with supply and installation. Thickness of the screen>120mm wall(BIS certified module). Make of LED : NATION STAR SMP.	SFT	60	625080.00	37504800.00
11	40010419 Novastar TB 40 processor with 4G module(BIS certified module),Novastar IND 528 receiving card,cloud based software inbuilt,LAN/Cloud data entry system having multiscreen playback synchronization mechanism. (Make-Novastar TB 40).	SET	2	45454.00	90908.00
12	40010425 Fixing of frame unipole structure 8'6"X6'3" with ACP box for supporting LED sign Board 40 x 40 x 3 mm sa SS 304 grade pipe and top plate for pole 580 x 500 x 12 mm with base plate 450 x450 x 20mm and single pole size 275× 5 x 3000 mm working platform made by 25 x 25 x 3 mm SS-304 grade square pipe. Panel size 768 x 768 mm of ACP work Ahuja 100 watt speaker.SS-304 - JINDAL/NIPPON STEEL of Premium quality.	SET	1	137273.00	137273.00

13	40010428 LED Display Board 12.2' length X 4.2'height.,10.6' length X 4.2'height. Indoor P 2.5 pixel, density 160000 dots/sqm, module resolution 128x64 dots, module dimension 320 x160x15 mm frame frequency 60hz, single LED unit pixel, brightness 800-1000cd/sqm, gray scale up to 16bit/2.81 billion, optimum viewing angle 140x120, input voltage 220V AC, operating temperature 20°C to 50°C, cabinete size 320mmX160mm magnetic module, english/ odiya/ any language for text, video, image, Indoor Active LED Video fixed on wall mounting with steel structure supply and installation Thickness of the screen>60mm Wall. (BIS certified module). Make of LED: NATION STAR SMP.	SFT	45	490905.00	22090725.00
14	40011214 Fixing of frame structure for supporting Indoor LED board made by 40x40x3 mm square pipe.	SET	1	90000.00	90000.00
	<b>Total Rs.</b>				1491239.34
	<b>Sub Total Rs.(PART-A+PART-B)</b>				1723002.34
	<b>Cess @1%</b>				17,230.02
	Total Estimated Cost				1,740,232.36
	Total Estimated Cost in Figures				1,740,232.00
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 .

**COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT CHARGES OF THE ENTIRE SYSTEM  
AFTER COMPLETION OF TWO YEAR WARRANTY PERIOD**

<b>SL NO.</b>	<b>PERIOD</b>	<b>QUOTED PRICE (Rs)</b>	<b>% OF GST</b>
<b>1</b>	1ST YEAR		
<b>2</b>	2ND YEAR		
<b>3</b>	3RD YEAR		

**Signature of Tenderer with seal**

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

**Sd/-  
D.M (Elect)**

**Sd/-  
Project Manager (Elect)**