

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 :- 04 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK & SITC OF PUBLIC INFORMATION SYSTEM AT MAHAKALAPADA BUS STAND (ABS-C TYPE) (PHASE-I) IN THE DISTRICT OF KENDRAPADA.

BID REF NO :- 55/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. |
| PART-A (EXTERNAL ELECTRIFICATION WORK) | | | | | |
| I | INSTALLATION OF 63 KVA S/S. | | | | |
| 1 | LT DB mounting angle 50x50x6 mm GI (1000 mm Long)(4.5 kg/mtr,2 Nos.) | Kg | 9 | 102.00 | 918.00 |
| 2 | 63 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II | No | 1 | 152486.81 | 152486.81 |
| 3 | LT Distribution Box with MCCB, Aluminim Busbar of single Bay with kit kat Fuse for 63 KVA S/S. | No | 1 | 24917.92 | 24917.92 |
| 4 | 4Cx95 sq. mm LT XLPE cable | Mtr | 15 | 438.71 | 6580.65 |
| 5 | GI Nut, Bolt & washers of different sizes | Kg | 2 | 106.08 | 212.16 |
| A | A. Sub total | | | | 1,85,115.54 |
| B | B. Stock, Storage & Insurance @ 3% of A | | | | 5,553.47 |
| C | Sub Total (C=A+B) | | | | 1,90,669.01 |
| D | T&P @ 2% of C | | | | 3,677.82 |
| E | Contingency @ 3% of C | | | | 5,720.07 |
| F | Transportation @ 7.5% of C | | | | 14,300.18 |
| G | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% | | | | 7,853.07 |
| H | Erection Charges @ 20% on PSC Poles | | | | |
| I | Erection Charges @ 10% for other materials | | | | 2,682.95 |
| J | Total | | | | 2,24,903.09 |
| 6 | Laying of 4Cx95 sq.mm LT XLPE cable | Mtr. | 15 | 47.87 | 718.05 |
| 7 | Supply of AL Lugs suitable for 95 sq mm cable/conductor, Crimping with cable and Fixing/connecting include supply and erection of PVC Tape as per voltage requirement. | EA | 8 | 92.06 | 736.48 |
| 8 | Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 50-95sqmm 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. | EA | 3 | 690.46 | 2,071.38 |
| | | | | | 3,525.91 |
| | | | | Sub total Rs | 2,28,429.00 |
| 9 | Dismantling of existing 11/0.4 KV 3 phase Distribution Transformer of 25 kVA including removal of HT/LT Leads,earth connections and unloading by crane if required. | EA | 1 | 1534.35 | 1,534.35 |
| | Sub Total Rs. | | | | 2,29,963.35 |
| PART-B (PUBLIC INFORMATION SYSTEM) | | | | | |
| 1 | 40001126 providing and fixing 8 SWG(4mm)dia copper wire on surface or in recess for loop earthing as required. | RFT | 80 | 31.50 | 2520.00 |

| | | | | | |
|----|--|-----|-----|----------|-----------|
| 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 | 903.47 | 1806.94 |
| 3 | 40001993 Supply and laying of 4Sqmm 3 Core Copper Cable 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick. (Make of wire Finolex/L &T/Anchor/Havels/V Guard). | MTR | 50 | 164.88 | 8244.00 |
| 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 | 267.22 | 13361.00 |
| 5 | 40002163 Supply and fixing of 6 sq.mm 04 core PVC Al. Arm Cable of 1.1 KV grade end termination. | SET | 4 | 150.00 | 600.00 |
| 6 | 40002360 Supply and fixing of 40mm dia HDPE pipe -PE 80 grade PN-6. 2.0 wall thickness. | MTR | 100 | 93.00 | 9300.00 |
| 7 | 40002497 Supply of outdoor type auxillary panel board made out from 20guage 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 | 23000.00 | 46000.00 |
| 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 masonary 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 | 3730.35 | 14921.40 |
| 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 | 57.74 | 5774.00 |
| 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 resolution 128x64 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 tempreature 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 | 10418.00 | 625080.00 |
| 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 | 22727.00 | 45454.00 |

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|--------|--|-----|----|-----------|--------------|
| 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/ odiyaa/ 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 | 10909.00 | 490905.00 |
| 14 | 40011214 Fixing of frame structure for supporting Indoor LED board made by 40x40x3 mm square pipe. | SET | 1 | 90000.00 | 90000.00 |
| | Total Rs. | | | | 1491239.34 |
| | Sub Total Rs.(PART-A+PART-B) | | | | 1721202.69 |
| | Cess @ 1% | | | | 17,212.03 |
| | Total Estimated Cost | | | | 17,38,414.72 |
| | Total Estimated Cost in Figures | | | | 17,38,415.00 |
| 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 PUBLIC INFORMATION SYSTEM
AFTER COMPLETION OF TWO YEARS WARRANTY PERIOD**

| SL NO. | PERIOD | QUOTED PRICE (Rs) |
|--------|----------|-------------------|
| 1 | 1ST YEAR | |
| 2 | 2ND YEAR | |
| 3 | 3RD YEAR | |

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect)

Sd/-
D.M (Elect)

Sd/-
Project Manager (Elect.)