

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.****JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com/www.ophwc.nic.in****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 TIKABALI BUS STAND (ABS-C TYPE) (PHASE-I) IN THE DISTRICT OF KANDHAMAL.****BID REF NO.- 74/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>PART-A</b> | <b>EXTERNAL ELECTRIFICATION WORK</b>   |      |      |                       |                   |
| <b>I</b>      | <b>UPGRADATION OF S/S FROM 25 KVA TO 63 KVA S/S-1 NO.</b>  |      |      |                       |                   |
| 1             | 9 Mtr. Long PSC Pole as Stud Pole  | No   | 1    | 4080.00               | 4080.00           |
| 2             | Back clamp for stud Pole   | No   | 4    | 108.80                | 435.20            |
| 3             | Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation | Kg   | 9    | 102.00                | 918.00            |
| 4             | 9 KV 5 KA LA, Station class  | No.  | 3    | 1360.00               | 4080.00           |
| 5             | HT stay set complete   | No.  | 3    | 1428.00               | 4284.00           |
| 6             | 11KV stay insulator  | No.  | 3    | 68.00                 | 204.00            |
| 7             | HT stay clamp (1.9 Kg/Pair)  | pair | 3    | 170.00                | 510.00            |
| 8             | 7/10 SWG stay wire, Grade-2 for stay, support of XLPE cable  | Kg   | 30   | 102.00                | 3060.00           |
| 9             | 40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long               | No   | 5    | 1428.00               | 7140.00           |
| 10            | GI flat 25x4 mm Neutral  | Kg   | 10   | 102.00                | 1020.00           |
| 11            | GI flat 25x6 mm  | Kg   | 40   | 102.00                | 4080.00           |
| 12            | GI Nuts and Bolts of assorted size   | Kg   | 15   | 106.08                | 1591.20           |
| 13            | 63 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II   | No   | 1    | 117640.00             | 117640.00         |
| 14            | LT Distribution Box with MCCB, Aluminium Bus Bar for single- bay with Kitkat fuse for 63 KVA S/S .   | No   | 1    | 24917.92              | 24917.92          |
| 15            | LT 1core 95 sq. mm LT XLPE cable   | Mtr. | 40   | 199.92                | 7996.80           |
| 16            | Sundries (Al. binding tape, insulation tape, paint etc.)   | LS   | 1    | 1000.00               | 1000.00           |
|               | <b>A.Sub Total Rs.</b>   |      |      |                       | <b>182,957.12</b> |
| B             | Stock,storage and insurance (@3% on A)   |      |      |                       | <b>5488.71</b>    |
| C             | <b>TOTAL RS.</b>   |      |      |                       | <b>188445.83</b>  |
| D             | T&P @ 2% of C  |      |      |                       | <b>3768.92</b>    |
| E             | Contingency @ 3% of C  |      |      |                       | <b>5653.38</b>    |

|   |  |      |    |          |                   |
|---|--|------|----|----------|-------------------|
| F | Transportation @ 7.5% of C   |      |    |          | <b>14133.44</b>   |
| G | Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles   |      |    |          | <b>13206.36</b>   |
| H | TOTAL RS.  |      |    |          | <b>225207.92</b>  |
|   | <b>SERVICE CONNECTION</b>  |      |    |          |                   |
| 1 | 3.5 Core 50 sq. mm LT PVC Cable(un-armoured)   | Mtr. | 30 | 276.08   | 8282.40           |
| 2 | No.8 SWG GI Wire   | Kg   | 3  | 102.00   | 306.00            |
| 3 | 63 Amp Kit -Kat Fuse   | No.  | 9  | 102.00   | 918.00            |
| 4 | GI Sevice connection Bracket   | No.  | 1  | 1360.00  | 1360.00           |
| 5 | Sundries   | LS   | 1  | 100.00   | 100.00            |
|   | A.Sub Total Rs.  |      |    |          | <b>10,966.40</b>  |
| B | Stock,storage and insurance (@3% on A)   |      |    |          | <b>328.99</b>     |
| C | TOTAL RS.  |      |    |          | <b>11295.39</b>   |
| D | T&P @ 2% of C  |      |    |          | <b>225.91</b>     |
| E | Contigency @ 3% of C   |      |    |          | <b>338.86</b>     |
| F | Transportation @ 7.5% of C   |      |    |          | <b>847.15</b>     |
| G | Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles   |      |    |          | <b>1129.54</b>    |
| H | TOTAL RS.  |      |    |          | <b>13836.86</b>   |
| 6 | Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum @6177.92 cum  | Nos. | 4  | 1329.77  | 5319.08           |
| 7 | Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size -2"x2") and RCC slab cover.  | No   | 5  | 1600.00  | 8000.00           |
| 8 | Transformer Plinth   | No   | 1  | 28000.00 | 28000.00          |
| 9 | Dismantle of existing 25 KVA DTR   | No   | 1  | 1534.35  | 1534.35           |
|   | Sub Total Rs.  |      |    |          | <b>56,690.29</b>  |
|   | <b>TOTAL RS.(PART-A)</b>   |      |    |          | <b>281,898.21</b> |
|   | <b>PART-B (PUBLIC INFORMATION SYSTEM)</b>  |      |    |          |                   |
| 1 | 40001126<br>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<br>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<br>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  | 164.88   | 8244.00   |
| 4  | 40002149<br>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<br>Supply and fixing of 6 sq.mm 04 core PVC Al. Arm Cableof 1.1 KV grade end termination.   | SET | 4   | 150.00   | 600.00    |
| 6  | 40002360<br>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<br>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<br>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<br>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<br>LED Display Board 12'6" LX6'3"<br>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 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<br>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            |
| 12                                     | 40010425<br>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<br>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, cabinate 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                       | 10909.00      | 490905.00           |
| 14                                     | 40011214<br>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>                       |   |      |                          |               | <b>1,491,239.34</b> |
| <b>Total Rs.(PART-A+PART-B)</b>        |   |      |                          |               | <b>1,773,137.55</b> |
| <b>Cess @ 1%</b>                       |   |      |                          |               | <b>17,731.38</b>    |
| <b>Total Estimated Cost</b>            |   |      |                          |               | <b>1,790,868.92</b> |
| <b>Total Estimated Cost in Figures</b> |   |      |                          |               | <b>1,790,869.00</b> |
| 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.

**THREE YAERS COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT CHARGES OF THE PUBLIC INFORMATION SYSTEM AFTER COMPLETION OF TWO YEARS OF WARRANTY PERIOD**

| SL NO. | PERIOD   | QUOTED PRICE<br>(Rs) | % OF GST |
|--------|----------|----------------------|----------|
| 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)