

**TENDER INVITING AUTHORITY: JOINT MANAGER (ELECTRICAL DIVISION),THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD, BHUBANESWAR**

**NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 1-D+3-E+8-F TYPE QTRS. AT BISOI FIRE STATION IN THE DIST. OF MAYURBHANJ.**

**BID REF NO.-01/JM/ELECT/OPHWC/2010-21**

Bidder Name

**SCHEDULE OF WORKS**

| Sl. No.          | Description of work   | Unit      | Qty.       | Estimated Cost in Rs. |                 |
|------------------|---|-----------|------------|-----------------------|-----------------|
|                  |   |           |            | RATE IN RS.           | AMOUNT IN RS.   |
| <b>SCOPE [A]</b> | <b>Installation of 63 KVA 11/0.4KV (BIS Energy Level-II) DP mounted sub station .</b>         | <b>NO</b> | <b>1</b>   |                       |                 |
| <b>SCOPE [B]</b> | <b>Construction of 3 Ph 5W LT Line with 3x50+1x35+1x16 sq. mm LT XLPE AB Cable</b>            | <b>Km</b> | <b>0.5</b> |                       |                 |
| 1                | 125x70 mm GI RS Joist(8 Mtr. Long)(13 kg/Mtr.)  | No.       | 13         | <b>6760.00</b>        | <b>87880.00</b> |
| 2                | 40 mm nominal bore GI Pipe(medium gauge) earthing device 3 Mtr. Long                          | No.       | 5          | <b>1050.00</b>        | <b>5250.00</b>  |
| 3                | Earthing materials  | No        | 5          | <b>1749.60</b>        | <b>8748.00</b>  |
| 4                | GI Nut & Bolt of assorted size  | K.g       | <b>15</b>  | <b>78.00</b>          | <b>1170.00</b>  |
| 5                | 3Pole 11KV 400A AB switch with PI   | set       | 1          | <b>11850.00</b>       | <b>11850.00</b> |
| 6                | 3Pole 11KV 400A HG Fuse with PI   | set       | 1          | <b>11530.00</b>       | <b>11530.00</b> |
| 7                | 75x8 mm GI Flat   | Kg        | 35         | <b>75.00</b>          | <b>2625.00</b>  |
| 8                | Lightening arrestor (12 KV,5KA)station class  | NO        | 6          | <b>2250.00</b>        | <b>13500.00</b> |
| 9                | 55 sq. mm AAAC  | Km        | 0.04       | <b>30000.00</b>       | <b>1200.00</b>  |
| 10               | 63 KVA 11/0.4 KV TransformerBIS energy Level-II   | No.       | 1          | <b>86500.00</b>       | <b>86500.00</b> |
| 11               | LT Distrubution Box with MCCB, Aluminium busbar of single baywith kit-kat fuse for 63 kVA S/S | No        | 1          | <b>18322.00</b>       | <b>18322.00</b> |
| 12               | 3x35+1x25+1x16 sqmm LT XLPE Aerial Bunched cable  | KM        | 0.5        | <b>140000.00</b>      | <b>70000.00</b> |
| 13               | L.T Stay set (Complete )  | Set       | <b>2</b>   | <b>520.00</b>         | <b>1040.00</b>  |
| 14               | 7/12 SWG GI Stay Wire ,Grade-2  | Kg        | <b>15</b>  | <b>75.00</b>          | <b>1125.00</b>  |
| 15               | L.T Stay Insulator  | No.       | <b>2</b>   | <b>30.00</b>          | <b>60.00</b>    |
| 16               | L.T Stay Clamp(1.4 K.g/Pair)  | Pair      | <b>2</b>   | <b>110.00</b>         | <b>220.00</b>   |
| 17               | Suspension Clamp with eye hook for ABC(GI)  | No.       | 10         | <b>340.00</b>         | <b>3400.00</b>  |
| 18               | Dead end Clamp (GI)   | No.       | 3          | <b>65.00</b>          | <b>195.00</b>   |
| 19               | Pole clamp with eye hook (GI)   | No        | 13         | <b>200.00</b>         | <b>2600.00</b>  |
| 20               | Piercing connector (GI)   | No        | 12         | <b>80.00</b>          | <b>960.00</b>   |
| 21               | Neutral connector (GI)  | No        | 12         | <b>40.00</b>          | <b>480.00</b>   |
| 22               | Material cost for concreting of Joist Pole 1.8 Mtr.x0.5 Mtr.x0.5 mtr.=0.45cum(PCC 1:2:4)      | No        | 13         | <b>2040.00</b>        | <b>26520.00</b> |

|          |   |      |     |          |                  |
|----------|---|------|-----|----------|------------------|
| 23       | Material cost for concreting of stay<br>1.65 Mtr.x0.3 Mtr.x0.3<br>mtr.=0.1485cum(PCC 1:2:4)               | No.  | 2   | 834.00   | 1668.00          |
| 24       | Red oxide paint   | Ltr. | 1   | 150.00   | 150.00           |
| 25       | All. Paint  | Ltr. | 1   | 200.00   | 200.00           |
| 26       | Black paint   | Ltr. | 0.5 | 220.00   | 110.00           |
| 27       | 95 sq. mm 3.5 core LT<br>Cable(Unarmoured)  | Mtr. | 15  | 333.00   | 4995.00          |
|          | Boundary fencing(15x10)with<br>erection RCC fencing post, sand<br>filling, metal spreading and grill gate | No   | 1   | 20000.00 | 20000.00         |
| 29       | Sundries for survey,tree cutting,<br>insulated Tape Mceal compound etc.                                   | Ls   | 0.5 | 3000.00  | 1500.00          |
| <b>A</b> | TOTAL MATERIAL COST   |      |     |          | <b>383798.00</b> |
| <b>B</b> | Stock, Storage & Insurance @ 3% of A  |      |     |          | <b>11513.94</b>  |
| <b>C</b> | Sub Total (C=A+B)   |      |     |          | <b>395311.94</b> |
| <b>D</b> | Contingency @3% of C  |      |     |          | <b>11859.36</b>  |
| <b>E</b> | T & P 2% of C   |      |     |          | <b>7906.24</b>   |
| <b>F</b> | Transportation @ 7.5% of C  |      |     |          | <b>29648.40</b>  |
| <b>G</b> | Erection Charges for PSC Pole @ 20%   |      |     |          | <b>0.00</b>      |
| <b>H</b> | Erection Charges of DTR and Joist Poles<br>@ 5%   |      |     |          | <b>8980.57</b>   |
| <b>I</b> | Erection Charges of other @ 10%   |      |     |          | <b>21570.05</b>  |
| <b>J</b> | Sub Total   |      |     |          | <b>475276.55</b> |
| <b>K</b> | Labour charges for dismantalling of<br>materials  |      |     |          | <b>3041.00</b>   |
| <b>L</b> | Total Estimated Cost  |      |     |          | <b>478317.55</b> |
| <b>M</b> | <b>Total Estimated Cost in Figures</b>  |      |     |          | <b>478318.00</b> |
| EXCESS   | <input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)                                      |      |     |          | _____ %          |
|          | Quoted Amount in Figure   |      |     |          |                  |
|          | Quoted Amount in words  |      |     |          |                  |

N:B- The Estimated cost is exclusive of GST.

**Signature of Tenderer with seal**

Sd/-  
Asst. Project Manager[Elect.]

Sd/-  
Consultant(Elect.)

Sd/-  
APM Elect. (Hqr.)

Sd/-  
Joint Manager(Elect.)