

**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****PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO AMA BUS STAND (C-TYPE) AT AMBABHONA UNDER AMBABHONA BLOCK IN THE DISTRICT OF BADAGADA.****BID REF NO :- 47/PM/ELECT/OPHWC/2026-27****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. |
| I       | CONSTRUCTION OF 11 KV LINE .                            |      |        |                       |               |
| A       | 11 KV LINE USING 100 SQ. MM INSULATED COVERED CONDUCTOR |      |        |                       |               |
| 1       | 13 Mtr. Long 160x160 mm WPB GI Pole(30.44 Kg/Mtr.)      | No   | 19     | 41030.00              | 7,79,570.00   |
| 2       | 11 KV 1 core 100 sq. mm XLPE insulated Un-armoured AAAC | Mtr. | 2317.5 | 127.80                | 2,96,176.50   |
| 3       | MS Channel 100x50x6 mm                                  | Kg   | 69     | 92.30                 | 6,368.70      |
| 4       | MS channel 75x40x6 mm                                   | Kg   | 51     | 92.30                 | 4,707.30      |
| 5       | Fish Plate 50x6 mm                                      | Nos. | 6      | 132.06                | 792.36        |
| 6       | GI Flat 50x6 mm                                         | Kg   | 18     | 106.50                | 1,917.00      |
| 7       | GI Flat 25x6 mm                                         | Kg   | 13.5   | 106.50                | 1,437.75      |
| 8       | 11 KV 'V' cross arm(10.2 Kg each)                       | No.  | 14     | 1150.20               | 16,102.80     |
| 9       | GI Back clamp for 11 KV V Cross Arm                     | No.  | 14     | 113.60                | 1,590.40      |
| 10      | Top F clamp for PSC Pole ,2.9 Kg                        | No.  | 14     | 340.80                | 4,771.20      |
| 11      | 11 KV Disc insulator B&S polymer type 70 KN             | No   | 9      | 1633.00               | 14,697.00     |
| 12      | 11 KV H/W fitting polymer type                          | Pair | 9      | 497.00                | 4,473.00      |
| 13      | PG clamp for 100 sq. mm AAAC                            | No   | 9      | 823.60                | 7,412.40      |
| 14      | 11 KV Pin Insulator Polymer                             | No   | 45     | 284.00                | 12,780.00     |
| 15      | HT Stay Set (Complete)                                  | Set  | 9      | 1491.00               | 13,419.00     |
| 16      | HT Stay Insulator                                       | No.  | 9      | 71.00                 | 639.00        |
| 17      | HT Stay Clamp                                           | Pair | 9      | 177.50                | 1,597.50      |
| 18      | 7/10 SWG Stay Wire ,7/3.25 mm                           | KG   | 63     | 106.50                | 6,709.50      |
| 19      | 7/8 SWG GIWire for earthing                             | KG   | 32.25  | 106.50                | 3,434.63      |
| 20      | Earthing support coil type                              | No   | 14     | 235.72                | 3,300.08      |
| 21      | GI Pipe for earthing 40mm dia 3mtr long                 | EA   | 3      | 1491.00               | 4,473.00      |
| 22      | Pipe HDPE                                               | Mtr. | 9      | 56.80                 | 511.20        |
| 23      | Al cable socket 70 sq. mm                               | Nos. | 6      | 21.30                 | 127.80        |
| 24      | Materials for Masonary work for earth pit               | No.  | 3      | 568.00                | 1,704.00      |
| 25      | Charcoal, salt etc for earthing                         | Kg   | 6      | 639.00                | 3,834.00      |

|    |                                                                                                    |      |       |          |              |
|----|----------------------------------------------------------------------------------------------------|------|-------|----------|--------------|
| 26 | GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )                                | Kg   | 32.25 | 110.76   | 3,572.01     |
| 27 | GI barbed wire/Anticlimbing device                                                                 | Kg   | 33    | 113.60   | 3,748.80     |
| 28 | Danger plate                                                                                       | No   | 17    | 113.60   | 1,931.20     |
| A  | A. Sub total                                                                                       |      |       |          | 12,01,798.13 |
| B  | B. Stock, Storage & Insurance @ 3% of A                                                            |      |       |          | 36,053.94    |
| C  | Sub Total (C=A+B)                                                                                  |      |       |          | 12,37,852.07 |
| D  | T&P @ 2% of C                                                                                      |      |       |          | 24,757.04    |
| E  | Contingency @ 3% of C                                                                              |      |       |          | 37,135.56    |
| F  | Transportation @ 7.5% of C                                                                         |      |       |          | 92,838.91    |
| G  | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% |      |       |          | 40,147.86    |
| H  | Erection Charges @ 20% on PSC Poles                                                                |      |       |          |              |
| I  | Erection Charges @ 10% for other materials                                                         |      |       |          | 43,489.50    |
| J  | Total                                                                                              |      |       |          | 14,76,220.94 |
| 29 | Fabrication and galvanisation                                                                      | Kg   | 48.96 | 13.00    | 636.48       |
| 30 | Concrete material for stay anchor plate                                                            | Nos. | 9     | 1,653.00 | 14,877.00    |
| 31 | Padding and Concreting materials for support                                                       | Nos. | 15    | 2,837.90 | 42,568.50    |
| 32 | Cradle Guard for Road crossing                                                                     | Nos. | 2     | 7,932.00 | 15,864.00    |
|    | Total Rs.                                                                                          |      |       |          | 15,50,166.92 |
| B  | 11 KV DP WITH AB SWITCH                                                                            |      |       |          |              |
| 1  | 13 Mtr. Long 160x160 mm WPB GI Pole(30.44 Kg/Mtr.)                                                 | No   | 4     | 41030.00 | 1,64,120.00  |
| 2  | Top Channel 100x50x6 mm                                                                            | Kg   | 92    | 92.30    | 8,491.60     |
| 3  | Belting channel 75x40x6 mm                                                                         | Kg   | 68    | 92.30    | 6,276.40     |
| 4  | Bracing Angle 50x50x6 mm                                                                           | Kg   | 72    | 92.30    | 6,645.60     |
| 5  | Fish Plate 50x6 mm                                                                                 | Nos. | 12    | 132.06   | 1,584.72     |
| 6  | GI Flat 50x6 mm                                                                                    | Kg   | 24    | 92.30    | 2,215.20     |
| 7  | GI Flat 25x3 mm                                                                                    | Kg   | 18    | 92.30    | 1,661.40     |
| 8  | 11 KV Disc insulator B&S polymer type 70 KN                                                        | No   | 12    | 1633.00  | 19,596.00    |
| 9  | 11 KV H/W fitting polymer type                                                                     | Pair | 12    | 497.00   | 5,964.00     |
| 10 | PG clamp for 100 sq. mm AAAC                                                                       | No   | 12    | 823.60   | 9,883.20     |
| 11 | 11 KV Pin Insulator Polymer                                                                        | No   | 6     | 284.00   | 1,704.00     |
| 12 | HT Stay Set (Complete)                                                                             | Set  | 8     | 1491.00  | 11,928.00    |
| 13 | HT Stay Insulator                                                                                  | No.  | 8     | 71.00    | 568.00       |
| 14 | HT Stay Clamp                                                                                      | Pair | 8     | 177.50   | 1,420.00     |
| 15 | 7/10 SWG Stay Wire ,7/3.25 mm                                                                      | KG   | 46    | 106.50   | 4,899.00     |
| 16 | 7/8 SWG GIWire for earthing                                                                        | KG   | 44    | 106.50   | 4,686.00     |
| 17 | 40 mm Nominal bore GI pipe(Medium Gauge)                                                           | No   | 4     | 1491.00  | 5,964.00     |
| 18 | Pipe HDPE                                                                                          | Mtr. | 12    | 56.80    | 681.60       |
| 19 | Al cable socket 70 sq. mm                                                                          | Nos. | 8     | 21.30    | 170.40       |
| 20 | GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )                                | Kg   | 16    | 110.76   | 1,772.16     |
| 21 | Materials for Masonary work for earth pit                                                          | No.  | 4     | 568.00   | 2,272.00     |
| 22 | Charcoal, salt etc for earthing                                                                    | Kg   | 8     | 639.00   | 5,112.00     |
| 23 | GI barbed wire/Anticlimbing device                                                                 | No   | 8     | 113.60   | 908.80       |
| 24 | Danger plate                                                                                       | No   | 4     | 113.60   | 454.40       |

|    |                                                                                                    |      |       |           |             |
|----|----------------------------------------------------------------------------------------------------|------|-------|-----------|-------------|
| A  | A. Sub total                                                                                       |      |       |           | 2,68,978.48 |
| B  | B. Stock, Storage & Insurance @ 3% of A                                                            |      |       |           | 8,069.35    |
| C  | Sub Total (C=A+B)                                                                                  |      |       |           | 2,77,047.83 |
| D  | T&P @ 2% of C                                                                                      |      |       |           | 5,540.96    |
| E  | Contingency @ 3% of C                                                                              |      |       |           | 8,311.44    |
| F  | Transportation @ 7.5% of C                                                                         |      |       |           | 20,778.59   |
| G  | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% |      |       |           | 8,452.18    |
| H  | Erection Charges @ 20% on PSC Poles                                                                |      |       |           |             |
| I  | Erection Charges @ 10% for other materials                                                         |      |       |           | 10,800.42   |
| J  | Total                                                                                              |      |       |           | 3,30,931.41 |
| 25 | Fabrication and Galvanisation                                                                      | Kg   | 108   | 13.00     | 1,404.00    |
| 26 | Concrete material for stay anchor plate                                                            | Nos. | 8     | 1,653.00  | 13,224.00   |
| 27 | Padding and Concreting materials for support                                                       | Nos. | 4     | 2,837.90  | 11,351.60   |
|    | Total Rs.                                                                                          |      |       |           | 3,56,911.01 |
| C  | 11 KV SP CUT POINT                                                                                 |      |       |           |             |
| 1  | 13 Mtr. Long 160x160 mm WPB GI Pole(30.44 Kg/Mtr.)                                                 | No   | 1     | 41030.00  | 41,030.00   |
| 2  | 75x40x6 mm Channel for Straight cross arm                                                          | Kg   | 32.64 | 92.30     | 3,012.67    |
| 3  | 11 KV Disc insulator B&S polymer type 70 KN                                                        | No   | 6     | 1633.00   | 9,798.00    |
| 4  | 11 KV H/W fitting polymer type                                                                     | Pair | 6     | 497.00    | 2,982.00    |
| 5  | 11 KV Pin Insulator Polymer                                                                        | No   | 3     | 284.00    | 852.00      |
| 6  | HT Stay Set (Complete)                                                                             | Set  | 4     | 1491.00   | 5,964.00    |
| 7  | HT Stay Insulator                                                                                  | No.  | 4     | 71.00     | 284.00      |
| 8  | HT Stay Clamp                                                                                      | Pair | 4     | 177.50    | 710.00      |
| 9  | 7/10 SWG Stay Wire ,7/3.25 mm                                                                      | Kg   | 40    | 106.50    | 4,260.00    |
| 10 | GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )                                | Kg   | 5     | 110.76    | 553.80      |
| 11 | Earthing support coil type                                                                         | No   | 1     | 235.72    | 235.72      |
| A  | A. Sub total                                                                                       |      |       |           | 69,682.19   |
| B  | B. Stock, Storage & Insurance @ 3% of A                                                            |      |       |           | 2,090.47    |
| C  | Sub Total (C=A+B)                                                                                  |      |       |           | 71,772.66   |
| D  | T&P @ 2% of C                                                                                      |      |       |           | 1,435.45    |
| E  | Contingency @ 3% of C                                                                              |      |       |           | 2,153.18    |
| F  | Transportation @ 7.5% of C                                                                         |      |       |           | 5,382.95    |
| G  | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% |      |       |           | 2,113.05    |
| H  | Erection Charges @ 20% on PSC Poles                                                                |      |       |           |             |
| I  | Erection Charges @ 10% for other materials                                                         |      |       |           | 2,951.18    |
| 12 | Concrete material for stay anchor plate                                                            | Nos. | 4     | 1,653.00  | 6,612.00    |
| 13 | Padding and Concreting materials for support                                                       | Nos. | 1     | 2,837.90  | 2,837.90    |
| J  | Total                                                                                              |      |       |           | 95,258.37   |
| II | INSTALLATION OF 250 KVA S/S.                                                                       |      |       |           |             |
| 1  | 250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II                                           | No   | 1     | 601213.04 | 6,01,213.04 |

|    |                                                                                                    |      |     |          |             |
|----|----------------------------------------------------------------------------------------------------|------|-----|----------|-------------|
| 2  | MS Channel 100x50x6 mm                                                                             | Kg   | 51  | 92.30    | 4,707.30    |
| 3  | MS channel 75x40x6 mm                                                                              | Kg   | 184 | 92.30    | 16,983.20   |
| 4  | MS angle 50x50x6 mm                                                                                | Kg   | 27  | 92.30    | 2,492.10    |
| 5  | 11 KV Disc insulator polymer type 70 KN (B&S)                                                      | No   | 3   | 1633.00  | 4,899.00    |
| 6  | 11 KV H/W fitting polymer type                                                                     | Pair | 3   | 497.00   | 1,491.00    |
| 7  | PG Clamp for 100 sq. mm AAAC                                                                       | No.  | 3   | 823.60   | 2,470.80    |
| 8  | GI Flat 50x6 mm                                                                                    | Kg   | 43  | 107.10   | 4,605.30    |
| 9  | GI Flat 25x6 mm                                                                                    | Kg   | 11  | 107.10   | 1,178.10    |
| 10 | 11 KV AB Switch(400 Amp, 3 pole)                                                                   | Set  | 1   | 16827.00 | 16,827.00   |
| 11 | 11 KV DD Fuse 3 Pole                                                                               | No   | 1   | 6678.78  | 6,678.78    |
| 12 | 11 KV DD Fuse Link Unit(10 A)                                                                      | No   | 3   | 157.62   | 472.86      |
| 13 | 11 KV Lightning Arrester                                                                           | EA   | 3   | 5041.00  | 15,123.00   |
| 14 | Conductor ACSR PVC(61.7 Sq. mm)                                                                    | Mtr. | 20  | 84.24    | 1,684.80    |
| 15 | HT Stay set complete                                                                               | Set  | 2   | 1491.00  | 2,982.00    |
| 16 | 7/10 SWG Stay wire                                                                                 | Kg   | 20  | 106.50   | 2,130.00    |
| 17 | HT Stay Insulator                                                                                  | No.  | 2   | 71.00    | 142.00      |
| 18 | HT stay clamp                                                                                      | Pair | 2   | 177.50   | 355.00      |
| 19 | 40 mm Nominal bore GI pipe(Medium Gauge)                                                           | No   | 5   | 1491.00  | 7,455.00    |
| 20 | GI Pipe (100 mm)                                                                                   | Mtr. | 3   | 710.00   | 2,130.00    |
| 21 | HDPE Pipe                                                                                          | Mtr. | 15  | 56.80    | 852.00      |
| 22 | 1.1 KV 4 core 300 sq. mm XLPE Cable                                                                | Mtr. | 23  | 557.08   | 12,812.84   |
| 23 | 1 core 300 sq. mm XLPE Cable(Armoured)                                                             | Mtr. | 32  | 208.74   | 6,679.68    |
| 24 | Gland for Arm (4 core x 300 sq. mm XLPE Cable)                                                     | Nos. | 4   | 494.82   | 1,979.28    |
| 25 | LT Distribution Box with MCCB,Aluminium Bus bar.                                                   | No   | 2   | 68160.00 | 1,36,320.00 |
| 26 | Al. cable socket 70 sq. mm                                                                         | No   | 80  | 21.30    | 1,704.00    |
| 27 | Al. cable socket 95 sq. mm                                                                         | No   | 16  | 28.40    | 454.40      |
| 28 | GI Nuts, Bolts & washers                                                                           | Kg   | 25  | 110.76   | 2,769.00    |
| 29 | GI barbed wire for Anticlimbing                                                                    | Kg   | 4   | 113.60   | 454.40      |
| 30 | Danger Plate                                                                                       | No   | 2   | 113.60   | 227.20      |
| A  | A. Sub total                                                                                       |      |     |          | 8,60,273.08 |
| B  | B. Stock, Storage & Insurance @ 3% of A                                                            |      |     |          | 25,808.19   |
| C  | Sub Total (C=A+B)                                                                                  |      |     |          | 8,86,081.27 |
| D  | T&P @ 2% of C                                                                                      |      |     |          | 17,721.63   |
| E  | Contingency @ 3% of C                                                                              |      |     |          | 26,582.44   |
| F  | Transportation @ 7.5% of C                                                                         |      |     |          | 66,456.10   |
| G  | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% |      |     |          | 30,962.47   |
| H  | Erection Charges @ 20% on PSC Poles                                                                |      |     |          |             |

|                         |                                                                      |                                                    |     |          |                     |
|-------------------------|----------------------------------------------------------------------|----------------------------------------------------|-----|----------|---------------------|
| <b>I</b>                | <b>Erection Charges @ 10% for other materials</b>                    |                                                    |     |          | <b>26,683.18</b>    |
| <b>J</b>                | <b>Total</b>                                                         |                                                    |     |          | <b>10,54,487.08</b> |
| <b>31</b>               | Fabrication & Galvanisation                                          | <b>Kg</b>                                          | 262 | 13.00    | 3,406.00            |
| <b>32</b>               | Concrete material for stay anchor plate                              | No                                                 | 2   | 1653.00  | <b>3,306.00</b>     |
| <b>33</b>               | Padding and Concreting materials for support                         | No                                                 | 2   | 2837.97  | <b>5,675.94</b>     |
| <b>34</b>               | Plinth for 250 KVA transformer                                       | No                                                 | 1   | 22034.00 | <b>22,034.00</b>    |
| <b>35</b>               | Economic Brick Design fencing                                        | No                                                 | 1   | 92622.57 | <b>92,622.57</b>    |
| <b>36</b>               | Earthing pit for pipe earthing                                       | No                                                 | 5   | 3700.00  | <b>18,500.00</b>    |
|                         | <b>Total Rs.</b>                                                     |                                                    |     |          | <b>12,00,031.59</b> |
|                         | Sub Total Rs.                                                        |                                                    |     |          | <b>32,02,367.89</b> |
|                         | Cess @1%                                                             |                                                    |     |          | <b>32,023.68</b>    |
|                         | Total Estimated Cost                                                 |                                                    |     |          | <b>32,34,391.57</b> |
|                         | Total Estimated Cost in Figures                                      |                                                    |     |          | <b>32,34,392.00</b> |
| EXCESS                  | <input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick) | <b>In Figure _____ %</b><br><b>In word _____ %</b> |     |          |                     |
| Quoted Amount in Figure |                                                                      |                                                    |     |          |                     |
| Quoted Amount in word   |                                                                      |                                                    |     |          |                     |

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

**Signature of Tenderer with seal**

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

**Sd/-**  
**Dy. Manager (Elect)**

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