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| THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.<br>JANAPATH, BHOINAGAR, BHUBANESWAR - 22<br>[Electrical Division]<br>Ph: 0674-2541545, 2542921, Fax: 0674-2541543<br>E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com/www.ophwc.nic.in |                                                                                                    |      |       |                       |               |
| PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB                                                                                                                                                                                                               |                                                                                                    |      |       |                       |               |
| NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 120 SEATED S.T HOSTEL AT TUREIKALA ASHRAM SCHOOL IN THE DISTRICT OF BOLANGIR.                                                                                                   |                                                                                                    |      |       |                       |               |
| BID REF NO :- 45/PM/ELECT/OPHWC/2025-26                                                                                                                                                                                                                            |                                                                                                    |      |       |                       |               |
| 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 55 SQ. MM AAAC                                                                    |      |       |                       |               |
| 1                                                                                                                                                                                                                                                                  | 9 Mtr. Long 300 KG PSC Pole                                                                        | No   | 2     | 4,260.00              | 8,520.00      |
| 2                                                                                                                                                                                                                                                                  | 55 Sq. mm AAAC                                                                                     | Mtr. | 339.9 | 42.60                 | 14,479.74     |
| 3                                                                                                                                                                                                                                                                  | MS Channel 100x50x6 mm                                                                             | Kg   | 7.181 | 92.30                 | 662.81        |
| 4                                                                                                                                                                                                                                                                  | 11 KV 'V' cross arm(10.2 Kg each)                                                                  | No.  | 2     | 1,150.20              | 2,300.40      |
| 5                                                                                                                                                                                                                                                                  | GI Back clamp for 11 KV V Cross Arm                                                                | No.  | 2     | 113.60                | 227.20        |
| 6                                                                                                                                                                                                                                                                  | Top F clamp for PSC Pole ,2.9 Kg                                                                   | No.  | 2     | 340.80                | 681.60        |
| 7                                                                                                                                                                                                                                                                  | 11 KV Disc insulator B&S polymer type 70 KN                                                        | No   | 2     | 1,633.00              | 3,266.00      |
| 8                                                                                                                                                                                                                                                                  | 11 KV H/W fitting polymer type                                                                     | Pair | 2     | 497.00                | 994.00        |
| 9                                                                                                                                                                                                                                                                  | 11 KV Pin Insulator Polymer                                                                        | No   | 7     | 284.00                | 1,988.00      |
| 10                                                                                                                                                                                                                                                                 | HT Stay Set (Complete)                                                                             | Set  | 1     | 1,491.00              | 1,491.00      |
| 11                                                                                                                                                                                                                                                                 | HT Stay Insulator                                                                                  | No.  | 1     | 71.00                 | 71.00         |
| 12                                                                                                                                                                                                                                                                 | HT Stay Clamp                                                                                      | Pair | 1     | 177.50                | 177.50        |
| 13                                                                                                                                                                                                                                                                 | 7/10 SWG Stay Wire ,7/3.25 mm                                                                      | KG   | 9.286 | 106.50                | 988.96        |
| 14                                                                                                                                                                                                                                                                 | Earthing support coil type                                                                         | No   | 2     | 235.72                | 471.44        |
| 15                                                                                                                                                                                                                                                                 | GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )                                | Kg   | 4.73  | 110.76                | 523.89        |
| 16                                                                                                                                                                                                                                                                 | GI barbed wire/Anticlimbing device                                                                 | No   | 4.4   | 113.60                | 499.84        |
| 17                                                                                                                                                                                                                                                                 | Danger plate                                                                                       | No   | 2     | 113.60                | 227.20        |
| A                                                                                                                                                                                                                                                                  | A. Sub total                                                                                       |      |       |                       | 37,570.58     |
| B                                                                                                                                                                                                                                                                  | B. Stock, Storage & Insurance @ 3% of A                                                            |      |       |                       | 1,127.12      |
| C                                                                                                                                                                                                                                                                  | Sub Total (C=A+B)                                                                                  |      |       |                       | 38,697.70     |
| D                                                                                                                                                                                                                                                                  | T&P @ 2% of C                                                                                      |      |       |                       | 773.95        |
| E                                                                                                                                                                                                                                                                  | Contingency @ 3% of C                                                                              |      |       |                       | 1,160.93      |
| F                                                                                                                                                                                                                                                                  | Transportation @ 7.5% of C                                                                         |      |       |                       | 2,902.33      |
| G                                                                                                                                                                                                                                                                  | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% |      |       |                       |               |
| H                                                                                                                                                                                                                                                                  | Erection Charges @ 20% on PSC Poles                                                                |      |       |                       | 1,755.12      |
| I                                                                                                                                                                                                                                                                  | Erection Charges @ 10% for other materials                                                         |      |       |                       | 2,992.21      |
| J                                                                                                                                                                                                                                                                  | Total                                                                                              |      |       |                       | 48,282.24     |
| 18                                                                                                                                                                                                                                                                 | Fabrication and Galvanisation                                                                      | Kg   | 7.181 | 13.00                 | 93.35         |

|          |                                                                                                               |      |       |          |                  |
|----------|---------------------------------------------------------------------------------------------------------------|------|-------|----------|------------------|
| 19       | Concrete material for stay anchor plate                                                                       | Nos. | 1.32  | 1,653.00 | 2,181.96         |
| 20       | Padding and Concreting materials for support                                                                  | Nos. | 2.2   | 2,837.90 | 6,243.38         |
|          | <b>Total Rs.</b>                                                                                              |      |       |          | <b>56,800.93</b> |
| <b>B</b> | <b>11 KV LINE AAAC TAPPING ON RSJ POLE</b>                                                                    |      |       |          |                  |
| 1        | 9 Mtr. Long 300 KG PSC Pole                                                                                   | No   | 1     | 4,260.00 | 4,260.00         |
| 2        | 75x40x6 mm Channel for Straight cross arm                                                                     | Kg   | 32.64 | 92.30    | 3,012.67         |
| 3        | 11 KV 'V' cross arm(10.2 Kg each)                                                                             | No.  | 1     | 1,150.20 | 1,150.20         |
| 4        | GI Back clamp for 11 KV V Cross Arm                                                                           | No.  | 1     | 113.60   | 113.60           |
| 5        | 11 KV F Clamp,2.9 Kg each                                                                                     | No.  | 1     | 340.80   | 340.80           |
| 6        | 11 KV Disc insulator B&S polymer type 70 KN                                                                   | No   | 3     | 1,633.00 | 4,899.00         |
| 7        | 11 KV H/W fitting polymer type                                                                                | Pair | 3     | 497.00   | 1,491.00         |
| 8        | PG clamp for 100 sq. mm AAAC                                                                                  | No   | 3     | 681.60   | 2,044.80         |
| 9        | 11 KV Pin Insulator Polymer                                                                                   | No   | 5     | 284.00   | 1,420.00         |
| 10       | HT Stay Set (Complete)                                                                                        | Set  | 2     | 1,491.00 | 2,982.00         |
| 11       | HT Stay Insulator                                                                                             | No.  | 2     | 71.00    | 142.00           |
| 12       | HT Stay Clamp                                                                                                 | Pair | 2     | 177.50   | 355.00           |
| 13       | 7/10 SWG Stay Wire ,7/3.25 mm                                                                                 | KG   | 20    | 106.50   | 2,130.00         |
| 14       | Nut , Bolt & Washer of different sizes                                                                        | Kg   | 5     | 106.50   | 532.50           |
| 15       | Earthing support coil type                                                                                    | No   | 1     | 235.72   | 235.72           |
| <b>A</b> | <b>A. Sub total</b>                                                                                           |      |       |          | <b>25,109.29</b> |
| <b>B</b> | <b>B. Stock, Storage &amp; Insurance @ 3% of A</b>                                                            |      |       |          | <b>753.28</b>    |
| <b>C</b> | <b>Sub Total (C=A+B)</b>                                                                                      |      |       |          | <b>25,862.57</b> |
| <b>D</b> | <b>T&amp;P @ 2% of C</b>                                                                                      |      |       |          | <b>517.25</b>    |
| <b>E</b> | <b>Contingency @ 3% of C</b>                                                                                  |      |       |          | <b>775.88</b>    |
| <b>F</b> | <b>Transportation @ 7.5% of C</b>                                                                             |      |       |          | <b>1,939.69</b>  |
| <b>G</b> | <b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b> |      |       |          |                  |
| <b>H</b> | <b>Erection Charges @ 20% on PSC Poles</b>                                                                    |      |       |          | <b>877.56</b>    |
| <b>I</b> | <b>Erection Charges @ 10% for other materials</b>                                                             |      |       |          | <b>2,147.48</b>  |
| <b>J</b> | <b>Total</b>                                                                                                  |      |       |          | <b>32,120.43</b> |
| 16       | Concrete material for stay anchor plate                                                                       | Nos. | 2     | 1,653.00 | 3,306.00         |
| 17       | Padding and Concreting materials for support                                                                  | Nos. | 1     | 2,837.90 | 2,837.90         |
|          | <b>Total Rs.</b>                                                                                              |      |       |          | <b>38,264.33</b> |
| <b>C</b> | <b>11 KV SP CUT POINT</b>                                                                                     |      |       |          |                  |
| 1        | 9 Mtr. Long 300 KG PSC Pole                                                                                   | No   | 1     | 4,260.00 | 4,260.00         |
| 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     | 1,633.00 | 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     | 1,491.00 | 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           |
| <b>A</b> | <b>A. Sub total</b>                                                                                           |      |       |          | <b>32,912.19</b> |
| <b>B</b> | <b>B. Stock, Storage &amp; Insurance @ 3% of A</b>                                                            |      |       |          | <b>987.37</b>    |
| <b>C</b> | <b>Sub Total (C=A+B)</b>                                                                                      |      |       |          | <b>33,899.56</b> |
| <b>D</b> | <b>T&amp;P @ 2% of C</b>                                                                                      |      |       |          | <b>677.99</b>    |
| <b>E</b> | <b>Contingency @ 3% of C</b>                                                                                  |      |       |          | <b>1,016.99</b>  |
| <b>F</b> | <b>Transportation @ 7.5% of C</b>                                                                             |      |       |          | <b>2,542.47</b>  |
| <b>G</b> | <b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b> |      |       |          |                  |

|           |                                                                                                               |      |     |           |                   |
|-----------|---------------------------------------------------------------------------------------------------------------|------|-----|-----------|-------------------|
| <b>H</b>  | <b>Erection Charges @ 20% on PSC Poles</b>                                                                    |      |     |           | <b>877.56</b>     |
| <b>I</b>  | <b>Erection Charges @ 10% for other materials</b>                                                             |      |     |           | <b>2,951.18</b>   |
| <b>J</b>  | <b>Total</b>                                                                                                  |      |     |           | <b>41,965.74</b>  |
| <b>12</b> | Concrete material for stay anchor plate                                                                       | Nos. | 4   | 1,653.00  | 6,612.00          |
| <b>13</b> | Padding and Concreting materials for support                                                                  | Nos. | 1   | 2,837.90  | 2,837.90          |
|           | <b>Total Rs.</b>                                                                                              |      |     |           | <b>51,415.64</b>  |
| <b>II</b> | <b>INSTALLATION OF 25 KVA S/S.</b>                                                                            |      |     |           |                   |
| <b>1</b>  | 9 Mtr. Long 300 KG PSC Pole                                                                                   | No   | 2   | 4,260.00  | 8,520.00          |
| <b>2</b>  | 25 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II                                                       | No   | 1   | 74,449.55 | 74,449.55         |
| <b>3</b>  | MS Channel 100x50x6 mm                                                                                        | Kg   | 103 | 92.30     | 9,506.90          |
| <b>4</b>  | MS channel 75x40x6 mm                                                                                         | Kg   | 184 | 92.30     | 16,983.20         |
| <b>5</b>  | MS angle 50x50x6 mm                                                                                           | Kg   | 57  | 92.30     | 5,261.10          |
| <b>6</b>  | 11 KV Disc insulator polymer type 70 KN(B&S)                                                                  | No   | 3   | 1,633.00  | 4,899.00          |
| <b>7</b>  | 11 KV H/W fitting polymer type                                                                                | Pair | 3   | 497.00    | 1,491.00          |
| <b>8</b>  | PG Clamp for 100 sq. mm AAAC                                                                                  | No.  | 3   | 823.60    | 2,470.80          |
| <b>9</b>  | GI Flat 50x6 mm                                                                                               | Kg   | 43  | 106.50    | 4,579.50          |
| <b>10</b> | GI Flat 25x6 mm                                                                                               | Kg   | 11  | 106.50    | 1,171.50          |
| <b>11</b> | 11 KV AB Switch(400 Amp, 3 pole)                                                                              | Set  | 1   | 16,827.00 | 16,827.00         |
| <b>12</b> | 11 KV DD Fuse 3 Pole                                                                                          | No   | 1   | 6,678.78  | 6,678.78          |
| <b>13</b> | 11 KV DD Fuse Link Unit(10 A)                                                                                 | No   | 3   | 157.62    | 472.86            |
| <b>14</b> | 11 KV Lightning Arrester(9 KV,5 KA)                                                                           | EA   | 3   | 1,391.60  | 4,174.80          |
| <b>15</b> | Conductor ACSR PVC(61.7 Sq. mm)                                                                               | Mtr. | 20  | 84.24     | 1,684.80          |
| <b>16</b> | HT Stay set complete                                                                                          | Set  | 2   | 1,491.00  | 2,982.00          |
| <b>17</b> | 7/10 SWG Stay wire                                                                                            | Kg   | 25  | 106.50    | 2,662.50          |
| <b>18</b> | HT Stay Insulator                                                                                             | No.  | 2   | 71.00     | 142.00            |
| <b>19</b> | HT stay clamp                                                                                                 | Pair | 2   | 177.50    | 355.00            |
| <b>20</b> | 40 mm Nominal bore GI pipe(Medium Gauge)                                                                      | No   | 5   | 1,491.00  | 7,455.00          |
| <b>21</b> | Earthing support coil type                                                                                    | No   | 1   | 235.72    | 235.72            |
| <b>22</b> | HDPE Pipe(25 mm)                                                                                              | Mtr. | 15  | 56.80     | 852.00            |
| <b>23</b> | GI Pipe (100 mm)                                                                                              | Mtr. | 3   | 710.00    | 2,130.00          |
| <b>24</b> | 1.1 KV 4 core 95 sq. mm XLPE Cable                                                                            | Mtr. | 23  | 523.88    | 12,049.24         |
| <b>25</b> | 1 core 95 sq. mm XLPE Cable(Armoured)                                                                         | Mtr. | 32  | 208.74    | 6,679.68          |
| <b>26</b> | LT Distribution Box with TP MCCB,Aluminium Bus bar for 25 KVA S/S                                             | No   | 1   | 21,200.60 | 21,200.60         |
| <b>27</b> | Al. cable socket 70 sq. mm                                                                                    | No   | 80  | 21.30     | 1,704.00          |
| <b>28</b> | Al. cable socket 95 sq. mm                                                                                    | No   | 16  | 28.40     | 454.40            |
| <b>29</b> | GI Nuts, Bolts & washers                                                                                      | Kg   | 25  | 110.76    | 2,769.00          |
| <b>30</b> | Material for Masonary work for earth pit                                                                      | No   | 5   | 568.00    | 2,840.00          |
| <b>31</b> | Charcoal, salt etc. for earthing                                                                              | Kg   | 10  | 639.00    | 6,390.00          |
| <b>32</b> | GI barbed wire for Anticlimbing                                                                               | Kg   | 4   | 113.60    | 454.40            |
| <b>33</b> | Danger Plate                                                                                                  | No   | 2   | 113.60    | 227.20            |
| <b>A</b>  | <b>A. Sub total</b>                                                                                           |      |     |           | <b>230,753.53</b> |
| <b>B</b>  | <b>B. Stock, Storage &amp; Insurance @ 3% of A</b>                                                            |      |     |           | <b>6,922.61</b>   |
| <b>C</b>  | <b>Sub Total (C=A+B)</b>                                                                                      |      |     |           | <b>237,676.14</b> |
| <b>D</b>  | <b>T&amp;P @ 2% of C</b>                                                                                      |      |     |           | <b>4,753.52</b>   |
| <b>E</b>  | <b>Contingency @ 3% of C</b>                                                                                  |      |     |           | <b>7,130.28</b>   |
| <b>F</b>  | <b>Transportation @ 7.5% of C</b>                                                                             |      |     |           | <b>17,825.71</b>  |
| <b>G</b>  | <b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b> |      |     |           | <b>3,834.15</b>   |
| <b>H</b>  | <b>Erection Charges @ 20% on PSC Poles</b>                                                                    |      |     |           | <b>1,755.12</b>   |
| <b>I</b>  | <b>Erection Charges @ 10% for other materials</b>                                                             |      |     |           | <b>15,221.75</b>  |

|                         |                                                                                                    |                                          |     |           |            |
|-------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------|-----|-----------|------------|
| J                       | Total                                                                                              |                                          |     |           | 288,196.67 |
| 34                      | Fabrication & Galvanisation                                                                        | Kg                                       | 344 | 13.00     | 4,472.00   |
| 35                      | Concrete material for stay anchor plate                                                            | No                                       | 2   | 1,653.00  | 3,306.00   |
| 36                      | Padding and Concreting materials for support                                                       | No                                       | 2   | 2,837.97  | 5,675.94   |
| 37                      | Plinth for 25 KVA transformer                                                                      | No                                       | 1   | 22,034.00 | 22,034.00  |
| 38                      | Economic Brick design fencing                                                                      | No                                       | 1   | 92,622.57 | 92,622.57  |
|                         | Total Rs.                                                                                          |                                          |     |           | 416,307.18 |
| III                     | 1.1 KV LT pvc armoured cable 4Cx25 sq. mm                                                          | Mtr                                      | 30  | 177.50    | 5,325.00   |
| A                       | A. Sub total                                                                                       |                                          |     |           | 5,325.00   |
| B                       | B. Stock, Storage & Insurance @ 3% of A                                                            |                                          |     |           | 159.75     |
| C                       | Sub Total (C=A+B)                                                                                  |                                          |     |           | 5,484.75   |
| D                       | T&P @ 2% of C                                                                                      |                                          |     |           | 109.70     |
| E                       | Contingency @ 3% of C                                                                              |                                          |     |           | 164.54     |
| F                       | Transportation @ 7.5% of C                                                                         |                                          |     |           | 411.36     |
| G                       | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% |                                          |     |           |            |
| H                       | Erection Charges @ 20% on PSC Poles                                                                |                                          |     |           |            |
| I                       | Erection Charges @ 10% for other materials                                                         |                                          |     |           | 548.48     |
| J                       | Total                                                                                              |                                          |     |           | 6,718.82   |
|                         | Sub Total Rs.                                                                                      |                                          |     |           | 569,506.91 |
|                         | Cess @1%                                                                                           |                                          |     |           | 5,695.07   |
|                         | Total Estimated Cost                                                                               |                                          |     |           | 575,201.98 |
|                         | Total Estimated Cost in Figures                                                                    |                                          |     |           | 575,202.00 |
| EXCESS                  | <input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)                               | In Figure _____ %<br><br>In word _____ % |     |           |            |
| 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)**