

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 :- 10 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO KARLAPADA OUT POST IN THE DISTRICT OF KALAHANDI.****BID REF NO :-89/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 AAAC TAPPING ON RSJ POLE | | | | |
| 1 | 75x40x6 mm Channel for Straight cross arm | Kg | 32.64 | 92.30 | 3,012.67 |
| 2 | 11 KV 'V' cross arm(10.2 Kg each) | No. | 1 | 1150.20 | 1150.2 |
| 3 | GI Back clamp for 11 KV V Cross Arm | No. | 1 | 113.60 | 113.6 |
| 4 | 11 KV F Clamp,2.9 Kg each | No. | 1 | 340.80 | 340.8 |
| 5 | 11 KV Disc insulator B&S polymer type 70 KN | 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 | 11 KV Pin Insulator Polymer | No | 5 | 284.00 | 1,420.00 |
| 9 | HT Stay Set (Complete) | Set | 2 | 1491.00 | 2,982.00 |
| 10 | HT Stay Insulator | No. | 2 | 71.00 | 142.00 |
| 11 | HT Stay Clamp | Pair | 2 | 177.50 | 355.00 |
| 12 | 7/10 SWG Stay Wire ,7/3.25 mm | KG | 20 | 106.50 | 2,130.00 |
| 13 | GI Nut , Bolt & Washer of different sizes | Kg | 5 | 106.50 | 532.5 |
| 14 | Earthing support coil type | No | 1 | 235.72 | 235.72 |
| A | A. Sub total | | | | 21,275.29 |
| B | B. Stock, Storage & Insurance @ 3% of A | | | | 638.26 |
| C | Sub Total (C=A+B) | | | | 21,913.55 |
| D | T&P @ 2% of C | | | | 438.27 |
| E | Contingency @ 3% of C | | | | 657.41 |
| F | Transportation @ 7.5% of C | | | | 1,643.52 |
| 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 | | | | 2,191.36 |
| J | Total | | | | 26,844.10 |
| 15 | Fabrication and Galvanisation | Kg | 32.64 | 13.00 | 424.32 |
| 16 | Concrete material for stay anchor plate | Nos. | 2 | 1,653.00 | 3,306.00 |
| | Total Rs. | | | | 30,574.42 |
| B | 11 KV SP CUT POINT | | | | |
| 1 | 9 Mtr. Long 300 KG PSC Pole | No | 1 | 4260.00 | 4260.00 |
| 2 | 11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.) | No | 1 | 35129.38 | 35129.38 |
| 3 | 75x40x6 mm Channel for Straight cross arm | Kg | 32.64 | 92.30 | 3,012.67 |
| 4 | 11 KV Disc insulator B&S polymer type 70 KN | No | 12 | 1633.00 | 19,596.00 |
| 5 | 11 KV H/W fitting polymer type | Pair | 6 | 497.00 | 2,982.00 |
| 6 | 11 KV Pin Insulator Polymer | No | 3 | 284.00 | 852.00 |
| 7 | HT Stay Set (Complete) | Set | 2 | 1491.00 | 2,982.00 |
| 8 | HT Stay Insulator | No. | 2 | 71.00 | 142.00 |
| 9 | HT Stay Clamp | Pair | 2 | 177.50 | 355.00 |
| 10 | 7/10 SWG Stay Wire ,7/3.25 mm | Kg | 20 | 106.50 | 2,130.00 |
| 11 | GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole) | Kg | 5 | 110.76 | 553.8 |
| 12 | Earthing support coil type | No | 1 | 235.72 | 235.72 |
| A | A. Sub total | | | | 72,230.57 |
| B | B. Stock, Storage & Insurance @ 3% of A | | | | 2,166.92 |
| C | Sub Total (C=A+B) | | | | 74,397.49 |
| D | T&P @ 2% of C | | | | 1,487.95 |
| E | Contigency @ 3% of C | | | | 2,231.92 |
| F | Transportation @ 7.5% of C | | | | 5,579.81 |
| G | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% | | | | 1809.16 |
| H | Erection Charges @ 20% on PSC Poles | | | | 877.56 |
| I | Erection Charges @ 10% for other materials | | | | 3,382.64 |
| J | Total | | | | 89,766.54 |
| 13 | Concrete material for stay anchor plate | Nos. | 2 | 1,653.00 | 3,306.00 |
| 14 | Padding and Concreting materials for support | Nos. | 1 | 2,837.90 | 2,837.90 |
| | Total Rs. | | | | 95,910.44 |
| C | 11 KV LINE USING 55 SQ. MM INSULATED COVERED CONDUCTOR | | | | |
| 1 | 11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.) | No | 8 | 35129.38 | 281035.04 |
| 2 | 13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.) | No | 1 | 41516.54 | 41516.54 |
| 3 | 55 sq. mm insulated covered AAAC | Mtr. | 1545 | 152.00 | 234840 |
| 4 | MS channel 75x40x6 mm | Kg | 32.64 | 92.30 | 3,012.67 |

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|----|---|------|--------|----------|-------------------|
| 5 | 11 KV 'V' cross arm(10.2 Kg each) | No. | 9 | 1150.20 | 10351.8 |
| 6 | GI Back clamp for 11 KV V Cross Arm | No. | 9 | 113.60 | 1022.4 |
| 7 | Top F clamp for PSC Pole ,2.9 Kg | No. | 9 | 340.80 | 3067.2 |
| 8 | 11 KV Pin Insulator Polymer | No | 24 | 284.00 | 6,816.00 |
| 9 | HT Stay Set (Complete) | Set | 2 | 1491.00 | 2,982.00 |
| 10 | HT Stay Insulator | No. | 2 | 71.00 | 142.00 |
| 11 | HT Stay Clamp | Pair | 2 | 177.50 | 355.00 |
| 12 | 7/10 SWG Stay Wire ,7/3.25 mm | KG | 20 | 106.50 | 2,130.00 |
| 13 | Earthing support coil type | No | 8 | 235.72 | 1,885.76 |
| 14 | GI Nut , Bolt & Washer of different sizes | Kg | 10 | 110.76 | 1107.6 |
| 15 | GI barbed wire/Anticlimbing device | Kg | 20 | 113.60 | 2,272.00 |
| 16 | Danger plate | No | 9 | 113.60 | 1,022.40 |
| A | A. Sub total | | | | 593,558.41 |
| B | B. Stock, Storage & Insurance @ 3% of A | | | | 17,806.75 |
| C | Sub Total (C=A+B) | | | | 611,365.16 |
| D | T&P @ 2% of C | | | | 12,227.30 |
| E | Contingency @ 3% of C | | | | 18,340.95 |
| F | Transportation @ 7.5% of C | | | | 45,852.39 |
| G | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% | | | | 16611.41 |
| H | Erection Charges @ 20% on PSC Poles | | | | |
| I | Erection Charges @ 10% for other materials | | | | 27925.4 |
| J | Total | | | | 732,322.62 |
| 17 | Concrete material for stay anchor plate | Nos. | 2 | 1,653.00 | 3,306.00 |
| 18 | Fabrication and Galvanisation | Kg | 32.64 | 13.00 | 424.32 |
| 19 | Cradle guard for Road crossing | No. | 1 | 7,932.00 | 7,932.00 |
| 20 | Padding and Concreting materials for support | Nos. | 9 | 2,837.90 | 25,541.10 |
| | Total Rs. | | | | 769,526.04 |
| II | LT Line | | | | |
| 1 | 9 Mtr. Long 300 KG PSC Pole | No. | 2 | 4260.00 | 8520.00 |
| 2 | 1.1 KV 3C×50 mm ² +1C×35 mm ² (LT AB Cable) | Mtr. | 63.600 | 184.60 | 11740.56 |
| 3 | Pole Clamp | No | 2 | 284.00 | 568.00 |
| 4 | Suspension Clamp with EYE hook for ABC | No | 2 | 482.80 | 965.60 |
| 5 | Neutral Connector | No | 1 | 46.86 | 46.86 |
| 6 | 7/12 SWG GI stay wire, Grade -2 | Kg | 2.88 | 106.50 | 306.72 |
| 7 | Coil Earthing | No | 2 | 235.72 | 471.44 |
| 8 | No-8 GI wire for earthing | Kg | 1.02 | 113.6 | 115.87 |
| 9 | Bolt & Nut GI 16x55 mm | Kg | 0.9 | 110.76 | 99.68 |
| 10 | Piercing Connector LT Type A | No | 1 | 113.6 | 113.60 |
| A | A. Sub total | | | | 22,948.34 |
| B | B. Stock, Storage & Insurance @ 3% of A | | | | 688.45 |
| C | Sub Total (C=A+B) | | | | 23,636.79 |
| D | T&P @ 2% of C | | | | 472.74 |
| E | Contingency @ 3% of C | | | | 709.10 |
| F | Transportation @ 7.5% of C | | | | 1,772.76 |
| G | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% | | | | |

| | | | | | |
|------------|---|------|----|----------|-------------------|
| H | Erection Charges @ 20% on PSC Poles | | | | 1755.12 |
| I | Erection Charges @ 10% for other materials | | | | 1,486.12 |
| J | Total | | | | 29,832.62 |
| 11 | Padding and concreting material for Support | No. | 2 | 2,837.90 | 5,675.80 |
| | Total Rs. | | | | 35,508.42 |
| III | INSTALLATION OF 25 KVA S/S | | | | |
| 1 | 9 Mtr. Long 300 KG PSC Pole | No | 2 | 4260.00 | 8520.00 |
| 2 | 25 KVA , 11/0.4 KV Transformer BIS Energy Level-II | No | 1 | 74449.55 | 74,449.55 |
| 3 | MS Channel 100x50x6 mm | Kg | 70 | 92.30 | 6,461.00 |
| 4 | MS channel 75x40x6 mm | Kg | 70 | 92.30 | 6,461.00 |
| 5 | MS angle 50x50x6 mm | Kg | 30 | 92.30 | 2,769.00 |
| 6 | 11 KV Disc insulator polymer type 70 KN(B&S) | No | 6 | 1633.00 | 9,798.00 |
| 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 | 823.60 | 2,470.80 |
| 9 | GI Flat 25x6 mm | Kg | 11 | 106.50 | 1,171.50 |
| 10 | GI Flat 50x6 mm | Kg | 30 | 106.50 | 3,195.00 |
| 11 | 11 KV AB Switch(400 Amp, 3 pole) | Set | 1 | 16827.00 | 16,827.00 |
| 12 | 11 KV DD Fuse 3 Pole | No | 1 | 6678.78 | 6,678.78 |
| 13 | 11 KV DD Fuse Link Unit(10 A) | No | 3 | 157.62 | 472.86 |
| 14 | 11 KV Lightning Arrester(9 KV,5 KA) | EA | 3 | 1391.60 | 4,174.80 |
| 15 | Conductor ACSR PVC(61.7 Sq. mm) | Mtr. | 20 | 84.24 | 1684.80 |
| 16 | HT Stay set complete | Set | 2 | 1491.00 | 2982.00 |
| 17 | 7/10 SWG Stay wire | Kg | 20 | 106.50 | 2130.00 |
| 18 | HT Stay Insulator | No. | 2 | 71.00 | 142.00 |
| 19 | HT stay clamp | Pair | 2 | 177.50 | 355.00 |
| 20 | Earthing support coil type | No | 1 | 235.72 | 235.72 |
| 21 | HDPE Pipe(25 mm) | Mtr. | 15 | 56.80 | 852.00 |
| 22 | GI Pipe (100 mm) | Mtr. | 3 | 710.00 | 2130.00 |
| 23 | 1.1 KV 4 core 95 sq. mm XLPE Cable | Mtr. | 23 | 523.88 | 12049.24 |
| 24 | 1 core 95 sq. mm XLPE Cable(Armoured) | Mtr. | 32 | 208.74 | 6679.68 |
| 25 | LT Distribution Box with TP MCCB,Aluminium Bus bar for 25 KVA S/S | No | 1 | 21200.60 | 21200.60 |
| 26 | Al. cable socket 70 sq. mm | No | 40 | 21.30 | 852.00 |
| 27 | Al. cable socket 95 sq. mm | No | 16 | 28.40 | 454.40 |
| 28 | GI Nuts, Bolts & washers | Kg | 20 | 110.76 | 2215.20 |
| 29 | Material for Masonary work for earth pit | No | 5 | 568.00 | 2840.00 |
| 30 | Charcoal, salt etc. for earthing | Kg | 10 | 639.00 | 6390.00 |
| 31 | GI barbed wire for Anticlimbing | Kg | 4 | 113.60 | 454.40 |
| 32 | Danger Plate | No | 2 | 113.60 | 227.20 |
| A | A. Sub total | | | | 208,814.53 |
| B | B. Stock, Storage & Insurance @ 3% of A | | | | 6,264.44 |
| C | Sub Total (C=A+B) | | | | 215,078.97 |
| D | T&P @ 2% of C | | | | 4,301.58 |
| E | Contingency @ 3% of C | | | | 6,452.37 |
| F | Transportation @ 7.5% of C | | | | 16,130.92 |
| G | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% | | | | 3834.15 |

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|--|---|-------------------|-----|----------|---------------------|
| H | Erection Charges @ 20% on PSC Poles | | | | 1755.12 |
| I | Erection Charges @ 10% for other materials | | | | 12962.03 |
| J | Total | | | | 260,515.14 |
| 33 | Fabrication and galvanisation | Kg | 300 | 13.00 | 3,900.00 |
| 34 | Concrete material for stay anchor plate | No | 2 | 1653.00 | 3306.00 |
| 35 | Padding and Concreting materials for support | No | 2 | 2837.97 | 5675.94 |
| 36 | Economic Brick design fencing | No | 1 | 92622.57 | 92622.57 |
| | Total Rs. | | | | 366,019.65 |
| | Sub Total Rs. | | | | 1,297,538.97 |
| | Cess @1% | | | | 12,975.39 |
| | Total Estimated Cost | | | | 1,310,514.36 |
| | Total Estimated Cost in Figures | | | | 1,310,514.00 |
| EXCESS <input type="checkbox"/> LESS <input type="checkbox"/> Please Tick) | | In Figure _____ % | | | |
| | | 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)**