

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 6-E TYPE STAFF QUARTERS AT KRISHNANADAPUR POLICE STATION IN THE DISTRICT OF JAGATSINGHPUR.****BID REF NO :- 10/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. |
| 1 | INSTALLATION OF 63 KVA S/S. | | | | |
| 1 | WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.) | No | 2 | 36,804.27 | 73,608.54 |
| 2 | 9 Mtr. long 300 Kg. PSC Pole | No. | 1 | 4,260.00 | 4,260.00 |
| 3 | Pole clamp for EYE hook for (XLPE Aerial bunched Cable) | No. | 2 | 284.00 | 568.00 |
| 4 | EYE hook for XLPE Aerial bunched Cable | No. | 2 | 85.20 | 170.40 |
| 5 | Dead End Clamp suitable for messenger XLPE Aerial bunched Cable | No. | 2 | 92.30 | 184.60 |
| 6 | LT Cable raising Channel(GI) 75x40x4.8 mm GI Channel(GI) (1000 mm long)(7.14Kg./Mtr., 3 No's.) (Each 3x1.000x7.14= 21.42 Kg) | Kg | 21.4 | 106.50 | 2,281.23 |
| 7 | Top channel GI 100x50x6 mm 3000 mm Long(9.56 kg/Mtr.,2 Nos.) | Kg | 57.4 | 106.50 | 6,108.84 |
| 8 | Fish Plate 50x6 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required | Kg | 3.96 | 106.50 | 422.25 |
| 9 | AB switch mounting channel 75x40x4.8 mm GI channel, 3000 mm Long (7.14 kg/mtr,2 Nos.) | Kg | 42.8 | 106.50 | 4,562.46 |
| 10 | AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.) | Kg | 6.69 | 106.50 | 712.49 |
| 11 | Channel support for down pipe 75x40x4.8 mm GI channel(7.14 kg/mtr,2 Nos.)each channel length 0.8 Mtr. | Kg | 5.71 | 106.50 | 608.22 |
| 12 | HG/DO fuse Mounting channel 75x40x4.8 mm GI channel(3000 mm Long) (7.14 kg/mtr,2 Nos.) | Kg | 42.8 | 106.50 | 4,562.46 |
| 13 | Cantilever suport channel75x40x4.8 mm GI channel(810 mm Long,2 Nos.)(7.14 kg/mtr,2 Nos.) | Kg | 11.6 | 106.50 | 1,232.21 |
| 14 | Cantilever suport angle 50x50x6 mm GI (1282 mm Long)(4.5 kg/mtr,2 Nos.) | Kg | 11.5 | 106.50 | 1,229.01 |
| 15 | Transformer Base GI Channel 100 X 50 X 6 MM (3000 mm long) (9.56Kg./Mtr, 2 No's.) (Each 2x3.000x9.56= 57.36 Kg) | Kg | 57.4 | 106.50 | 6,108.84 |

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| 16 | Transformer Base Support GI Channel 100 X 50 X 6 MM (515 mm long) (9.56Kg./Mtr, 2 No's) (Each 2x0.515x9.56= 9.85Kg) | Kg | 9.85 | 106.50 | 1,049.03 |
| 17 | Transformer Belting Angle 50 X 50 X 6MM GI (3000 mm long)(4.5Kg./Mtr, 2 No's) (Each 2x3.0x4.5 Kg) | Kg | 27 | 106.50 | 2,875.50 |
| 18 | Transformer Belting Support Angle 50 X 50 X 6MM GI (580 mm long)(4.5Kg./Mtr,2 No's) (Each 2x0.580x4.5= Kg) | Kg | 5.22 | 106.50 | 555.93 |
| 19 | LTDB Mounting Angle 50 X 50 X 6MM GI (1000 mm long)(4.5Kg./Mtr, 2 No's) (Each 2x1x4.5 Kg) | Kg | 9 | 106.50 | 958.50 |
| 20 | 50x6mm Flat(GI) for earthing, 2.36kg/mtr., (2.5x7 mtr. For mesh formation, 12 Mtr. For LA and 2.5 mtr. For raising, 11 mtr for AB switch, 2.8 mtr for HG Fuse, 5x2 mtr. for DTR Nutral, (1.3+4.5) mtr. For DTR Body, 0.500 mtr for LTDB & AB Switch operating handle, 3 mtr. for Fencing) (Each 65.6x 2.36= 154.81 Kg) | Kg | 155 | 106.50 | 16,487.27 |
| 21 | 63 KVA , 11/ 0.4 KV (AL) Transformer, BIS Energy Loss level II, Ammendment-4 | No | 1 | 141,308.92 | 141,308.92 |
| 22 | LT Distribution Box with MCCB, Aluminium Busbar of single Bay with kit kat fuse for 63 KVA S/S | No | 1 | 26,017.24 | 26,017.24 |
| 23 | 55 SQ.MM. AAAC XLPE Covered Conductor | Mtr | 50 | 99.74 | 4,987.00 |
| 24 | 4 Cx 95 mm2 LT XLPE Cable(Armoured) - FOR 63 KVA Trf. | Mtr | 15 | 499.41 | 7,491.15 |
| 25 | 4 Cx 95 mm2 LT XLPE Cable(Armoured) - From LT DB to Pole | Mtr | 40 | 499.41 | 19,976.40 |
| 26 | 11 KV AB switch (200 Amp, 3 pole) | Set | 1 | 10,437.00 | 10,437.00 |
| 27 | 11 KV HG Fuse (200 Amp, 3 pole) | Set | 1 | 8,690.00 | 8,690.00 |
| 28 | Wedge connector for 55 sq. mm conductor | EA | 6 | 100.00 | 600.00 |
| 29 | Polycarbonate Bird Guard | No | 6 | 29.40 | 176.40 |
| 30 | 11 KV Disc insulator polymer type 70 KN | No | 3 | 1,633.00 | 4,899.00 |
| 31 | 11 KV H/W fitting polymer type | Pair | 3 | 497.00 | 1,491.00 |
| 32 | 11 KV LA (12KV,10 KA)station class-2 | No | 3 | 5,041.00 | 15,123.00 |
| 33 | 11 KV Pin Insulator polymer type | No | 3 | 284.00 | 852.00 |
| 34 | HT Stay Set (Complete) | Set | 2 | 1,491.00 | 2,982.00 |
| 35 | HT Stay Insulator | No. | 2 | 177.50 | 355.00 |
| 36 | HT Stay Clamp(1.95 K.g/Pair) | Pair | 2 | 71.60 | 143.20 |
| 37 | 7/10 SWG Stay Wire | KG | 30 | 106.50 | 3,195.00 |
| 38 | GI Pipe for earthing 40mm dia 3mtr long | No | 7 | 1,491.00 | 10,437.00 |
| 39 | GI Nut, Bolt & washers of different sizes | Kg | 25 | 110.76 | 2,769.00 |
| 40 | GI barbed wire/Anticlimbing device | No | 6 | 113.60 | 681.60 |
| 41 | Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510) | Kg | 2.41 | 106.50 | 256.37 |
| 42 | Danger plate | Kg | 2 | 113.60 | 227.20 |
| 43 | Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) | Kg | 0.6 | 106.50 | 64.09 |
| 44 | Name Plate | No | 1 | 113.60 | 113.60 |

| | Structure Numbering and marking | | | | |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|----------|-------------------|
| 45 | Yellow colour paint for Background | Ltr | 2 | 216.00 | 432.00 |
| 46 | Black colour paint for numbering | Ltr | 1 | 312.40 | 312.40 |
| A | A. Sub total | | | | 392,563.33 |
| B | B. Stock, Storage & Insurance @ 3% of A | | | | 11,776.90 |
| C | Sub Total (C=A+B) | | | | 404,340.23 |
| D | T&P @ 2% of C | | | | 7,168.47 |
| E | Contigency @ 3% of C | | | | 12,130.21 |
| F | Transportation @ 7.5% of C | | | | 30,325.52 |
| G | Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3% | | | | 11,068.25 |
| H | Erection Charges @ 20% on PSC Poles | | | | 877.56 |
| I | Erection Charges @ 10% for other materials | | | | 13,267.08 |
| J | Total | | | | 479,177.32 |
| 47 | Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr. | Cum | 0.9 | 6,648.85 | 5,983.97 |
| 48 | Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr. | Cu. Mtr | 0.23 | 6,648.85 | 1,502.64 |
| 49 | PCC ratio 1:3:6(M-10) grade for DSS area (3.5x2.5x0.1)=0.875 Cu Mtr. | Cu. Mtr | 1.5 | 5,247.48 | 7,871.22 |
| 50 | Fixing of stay set with 0.5 cum cement concret foundation 1:3:6 size (900x 600x900 mm) using 40 mm BHG metal with all labour and material except stay wire, stay set,stay insulator. | No | 2 | 2,301.53 | 4,603.06 |
| 51 | Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe. | No | 7 | 3,784.73 | 26,493.11 |
| 52 | Laying of 4Cx95 sq.mm LT XLPE cable | Mtr. | 55 | 47.87 | 2,632.85 |
| 53 | Supply and Erection of GI fencing with Gate | Sq. Mtr | 16 | 3,682.44 | 58,919.04 |
| 54 | Concreting Ratio 1:1:5:3(M-20 Grade)(500 mmx500mmx1500 mm)=0.375 Cu. Mtr. | Cu. Mtr | 0.38 | 6,648.85 | 2,493.32 |
| 55 | Supply of AL Lugs suitable for 95 sq mm cable/conductor, Crimping with cable and Fixing/connecting include supply and erection of PVC Tape as per voltage requirement. | No | 24 | 92.06 | 2,209.44 |
| 56 | Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4 core 50-95 sq. mm sqmm including making hole in Base plate and dressing of cable along with vermin proofing properly .Supply to be done as per TPCODL Spec and approved make dowells. | No | 3 | 690.46 | 2,071.38 |
| | | | | | 114,780.02 |
| | Sub total Rs | | | | 593,957.34 |

| III | Construction of LT Line using 4x35+1x35+1X16 sq. mm LT AB Cable- -0.06 Km. | | | | |
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| 1 | 9 Mtr Long 300 KG PSC Pole | No | 2 | 4,260.00 | 8,520.00 |
| 2 | LT stay set complete | Set | 1 | 738.40 | 738.40 |
| 3 | 7/12 SWG GI stay wire, Grade-2 | Kg | 12 | 106.50 | 1,278.00 |
| 4 | LT stay clamp | Pair | 1 | 156.20 | 156.20 |
| 5 | LT stay set Insulator | No | 1 | 42.60 | 42.60 |
| | LT Accessories with Eye Hook and Clamp | | | | |
| 6 | Pole Clamp for Eye Hook for XLPE Aerial bunched cable | Pair | 3 | 284.00 | 852.00 |
| 7 | Eye Hook for XLPE Aerial Bunched Cable | No | 2 | 85.20 | 170.40 |
| 8 | Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm) | No | 2 | 92.30 | 184.60 |
| 9 | Suspension clamp with Eye Hook for ABC (25-70 sqmm) | No | 1 | 482.80 | 482.80 |
| 10 | 4 Cx35(P)+1Cx35(M)+1CX16 Street Light)sq. mm LT Aerial Bunched Cable | Mtr | 63 | 152.36 | 9,598.68 |
| 11 | Insulated Piercing connector ,Type-B main 25-150 sq. mm & Tap-6 to 35 sq. mm | No | 4 | 62.13 | 278.34 |
| 12 | Coil Earthing | No | 2 | 235.72 | 471.44 |
| 13 | No-8 GI wire (Dia-4.6mm) | Kg | 0.52 | 106.50 | 55.81 |
| 14 | Danger plate (LT) | No | 2 | 113.60 | 227.20 |
| 15 | Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) | Kg | 0.6 | 106.50 | 63.90 |
| 16 | GI barbed wire/Anticlimbing device 3 kg per support | Kg | 6 | 113.60 | 681.60 |
| 17 | Back clamp for Anticlimbing Device 25x3 mm , flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510) | Kg | 2.41 | 106.50 | 256.67 |
| 18 | GI Nut, Bolt & washers of different sizes | Kg | 1 | 110.76 | 110.76 |
| 19 | Yellow colour paint for Background | Ltr | 4 | 216.00 | 864.00 |
| 20 | Black paint | Ltr | 2 | 312.40 | 624.80 |
| A | TOTAL MATERIAL COST | | | | 25,658.19 |
| B | Stock, Storage & Insurance @ 3% of A | | | | 769.75 |
| C | Sub Total (C=A+B) | | | | 26,427.94 |
| D | Contingency @3% of C | | | | 792.84 |
| E | T & P 2% of C | | | | 482.92 |
| F | Transportation @ 7.5% of C | | | | 1,982.10 |
| G | Erection Charges for PSC Pole @ 20% | | | | 1,755.12 |
| H | Erection Charges of Joist Poles @ 5% | | | | |
| I | Erection Charges of other @ 10% | | | | 1,537.07 |
| J | Sub Total Rs. | | | | 32,977.98 |
| Civil and Services Works (As per Technical Specification) | | | | | |
| 21 | Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod & stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts & Bolts,including excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm) | No | 1 | 2,301.53 | 2,301.53 |

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|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------|----------|-------------------|
| 25 | Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr | Cu.Mtr | 0.75 | 6,648.85 | 4,986.64 |
| K | Total Services Cost | | | | 7,288.17 |
| | Total Material + Services Cost (J+K) | | | | 40,266.15 |
| | Dismantling Charges | | | | |
| 1 | Dismantling of 9/8 Mtr. Joist/PSC Pole | No. | 2 | 920.61 | 1,841.22 |
| 2 | Dismantling/Removal of MS Channel from Double Pole Structure . | Kg | 325 | 8.10 | 2,630.72 |
| 3 | Dismantling of 25 KVA Transformer including removal of HT/LT leads ,earth connections and unloading by crane if required. | No. | 1 | 1,534.35 | 1,534.35 |
| 4 | Dismantling of 11 Kv/33 Kv GO/AB switch /isolator/DD Fue/fuse set | No. | 1 | 1,200.00 | 1,200.00 |
| 5 | Dismantling of LA | No. | 1 | 162.12 | 162.12 |
| 6 | Dismantling of DD Fuse/ Fuse set | No. | 3 | 668.75 | 2,006.25 |
| | Total Rs. | | | | 9,374.66 |
| | Sub Total Rs. | | | | 643,598.15 |
| | Cess @1% | | | | 6,435.98 |
| | Total Estimated Cost | | | | 650,034.13 |
| | Total Estimated Cost in Figures | | | | 650,034.00 |
| 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)