**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 :- 05 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO ABS AT GADAKASTAA UNDER KHALLIKOTE BLOCK IN THE DISTRICT OF GANJAM.**

**BID REF NO.- 58/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** | | | | |
| 1 | WPB GI Pole 160X152(11 Mtr. Long ,30.44 Kg/Mtr.) | No | 2 | 27300.82 | 54,601.64 |
| 2 | 9 Mtr long 300 Kg PSC Pole for Stud | No | 1 | 3630.00 | 3,630.00 |
| 3 | 11KV V cross arm (10.5 Kg each) | No | 2 | 851.00 | 1,702.00 |
| 4 | GI Back Clamp for V cross Arm (0.85 Kg each) | No | 2 | 140.00 | 280.00 |
| 5 | 11 KV F clamp (GI) | No | 2 | 135.00 | 270.00 |
| 6 | 11 KV Disc. Insulator 70 KN Polymer | No | 3 | 150.00 | 450.00 |
| 7 | H.W fittings 70KN , 3Bolt | No | 3 | 412.00 | 1,236.00 |
| 8 | 11 KV, 5KN pin insulator polymer | No | 9 | 140.00 | 1,260.00 |
| 9 | Fish Plate 50x8mm | Kg | 3.52 | 72.00 | 253.21 |
| 10 | Non metlic ties for 11 KV coverws conductor | No | 6 | 110.00 | 660.00 |
| 11 | IPC for covered conductor 11 KV 55 sqmm. | No | 3 | 550.00 | 1,650.00 |
| 12 | Tension assembly wedge type for covered conductor. | No | 3 | 880.00 | 2,640.00 |
| 13 | 55 sq. mm Covered Conductor | Mtr. | 331 | 101.00 | 33,405.75 |
| 14 | Earthing of Support ( Coil Type ) | No | 2 | 164.00 | 328.00 |
| 15 | No-8 GI wire (0.131 Kg/mtr.) | kg | 0.52 | 74.00 | 38.78 |
| 16 | HT Stay Clamp | Pair | 1 | 260.00 | 260.00 |
| 17 | GI, Nut bolt & washer | Kg | 5 | 74.00 | 370.00 |
| 18 | 100x50x6mm. MS Channel for straight cross arm (1.2mx15pcs) (9.2kg/mtr)+ +(0.2m x 0 pcs) (9.2Kg/mtr) for tapping & cut point pole | Kg | 26.68 | 78.00 | 2,081.04 |
| 19 | GI barbed wire/Anticlimbing device | Kg | 6.00 | 74.00 | 444.00 |
| 20 | 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 | 72.00 | 173.52 |
| 21 | Danger Plate | No | 2 | 180.00 | 360.00 |
| 22 | Back Clamp for danger Plate 25x3mm Flat | Kg | 1.20 | 72.00 | 86.66 |
| 23 | Black paint | L | 1 | 212.77 | 212.77 |
| 24 | Yellow colour paint for Background | Ltr | 2 | 212.77 | 425.54 |
| 25 | Sundries | Set | 1 | 423.73 | 423.73 |
| **A** | | | | **TOTAL MATERIAL COST** | **1,07,242.64** |
| **B** | | | | **Stock, Storage & Insurance @ 3% of A** | 3,217.28 |
| **C** | | | | **Sub Total (C=A+B)** | **1,10,459.92** |
| **D** | | | | **Contingency @3% of C** | **3,313.80** |

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|---|---|---|---|---|---|
| **E** | | | | **T & P 2% of C** | **2,209.20** |
| **F** | | | | **Transportation @ 7.5% of C** | **8,284.49** |
| **G** | | | | **Erection Charges for PSC Pole @ 20%** | **747.78** |
| **H** | | | | **Erection Charges of DTR and Joist Poles @ 5%** | 2,811.98 |
| **I** | | | | **Erection Charges of other @ 10%** | **5,048.13** |
| **J** | | | | **Sub Total Rs.** | **1,32,875.31** |
| | | | | | |
| **26** | Concreting of support C.C. 1;1;5;3, 0.375Cum. @ 6648.85/-(L0 for WPB pole. | No | 2 | 2991.98 | 5,983.97 |
| **27** | Couping with C.C.1:1:5:3, 1125 Cum @ Rs 6648.85 (M) | No | 3 | 748.00 | 2,244.00 |
| **28** | Survey of Incremental/delta network and assets changes of 11 KV network and updation in GESW databas. | KM | 0.1050005 | 8163.56 | 857.18 |
| | **Total Amount** | | | | **9,085.14** |
| | **Total Rs.** | | | | **1,41,960.45** |
| **II** | **INSTALLATION OF 250 KVA S/S.** | | | | |
| **1** | Pole WPB GI 160x152mm 11 Mtr (30.44 Kg/mtr) | No | 2 | 27300.82 | 54,601.64 |
| **2** | Pressure channel 100x50x6mm, 2.8mtr 2No with Galvanised charges. | Kg | 51.52 | 78.00 | 4,018.56 |
| **3** | AB Swich & HG fuse mounting Channel 75x40x6mm , 2.8mtrlong 4 nos (6.8kg/mtr) with Galvanisation charges. | kg | 76.16 | 78.00 | 5,940.48 |
| **4** | Cantilever channel for supporting HG fuse 75x40x6mm MS Angle 1mtr long 2 Nos (6.8kg/mtr) with Galvanisation charges. | Kg | 13.6 | 78.00 | 1,060.80 |
| **5** | Cantilever channel for supporting HG fuse 50x50x6mm MS Angle 1mtr long 2 Nos (4.5kg/mtr) with Galvanisation charges. | Kg | 9 | 78.00 | 702.00 |
| **6** | Angle for Cantilever arrangement for AB Swich & HG fuse 50x50x6mm , 2.mtrlong each, 2 nos (4.5kg/mtr) with side angle (7mtr) with Galvanisation charges. | Kg | 18 | 78.00 | 1,404.00 |
| **7** | Angle for mounting of LT distribution box 50x50x6mm, 3mtr long each (4.5kg/mtr) with Galvanisation charges. | Kg | 13.5 | 78.00 | 1,053.00 |
| **8** | Fish Plate 50x8 mm | Kg | 5.275 | 72.00 | 379.80 |
| **9** | Hardware fitting(B&S) 70Kn, 3Bolt | No | 3 | 412.00 | 1,236.00 |
| **10** | 11 KV , 70KN Polymer Disc insulator | No | 3 | 150.00 | 450.00 |
| **11** | Tension assembly wedge type for covered conductor | No | 3 | 880.00 | 2,640.00 |
| **12** | IPC for covered conductor 11KV 55 sq.mm. | No | 3 | 550.00 | 1,650.00 |
| **13** | 11 KV AB switch (400 Amp, 3 pole, 50 HZ) | Set | 1 | 10972.00 | 10,972.00 |
| **14** | 11KV HG fuse 3 pole, 400A | Set | 1 | 8093.22 | 8,093.22 |
| **15** | 11 KV Lightning arrestor (Station Class-II) without Surge counter) | No | 3 | 1960.00 | 5,880.00 |
| **16** | LT Distribution Box (GI) for 250 KVA S/S | No | 1 | 55267.00 | 55,267.00 |
| **17** | H.T Stay set (complete) | No | 4 | 1434.00 | 5,736.00 |
| **18** | Stay insulator | No | 4 | 87.00 | 348.00 |
| **19** | HT stay clamp or stud clamp GI | Pair | 4 | 260.00 | 1,040.00 |
| **20** | 7/10 SWG Stay Wire | KG | 40 | 77.00 | 3,080.00 |
| **21** | 55mm2 AAAC for Jumpering | Kg | 0.05 | 43360.00 | 2,168.00 |
| **22** | Wedge Connector for 55mm2.AAAC. | No | 6 | 100.00 | 600.00 |
| **23** | 40mm nominal bore GI pipe (medium gauge) earthing device with 3 mtr long at both end of guarding. | No | 7 | 1300.00 | 9,100.00 |
| **24** | Earhing Coil | No | 2 | 164.00 | 328.00 |

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| **25** | GI Flat (25x6) for Neutral& body earthing of DTR | kg | 84.00 | 72.00 | 6,048.00 |
| **26** | GI Nut, Bolt & washers of different sizes | No | 25 | 74.00 | 1,850.00 |
| **27** | 250 KVA ,11/0.4 KV (CU) TRF BIS Level-II | No | 1 | 619789.00 | 6,19,789.00 |
| **28** | 1.1KV AI 1Cx 120 sq. mm XLPE armoured. | Mtr | 40 | 361.00 | 14,440.00 |
| **29** | Anticlimbing Device (GI barbed wire 3kg per support) | Kg | 6 | 74.00 | 444.00 |
| **30** | Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510) | Kg | 2.407 | 72.00 | 173.30 |
| **31** | Danger Board | No | 2 | 180.00 | 360.00 |
| **32** | Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510) | Kg | 1.2036252 | 72.00 | 86.66 |
| **33** | Black Paint | Ltr | 1 | 212.77 | 212.77 |
| **34** | Yellow colour paint for Background | Ltr | 2.00 | 212.77 | 425.54 |
| **35** | Sundries | Set | 1 | 847.46 | 847.46 |
| **A** | | | | **TOTAL MATERIAL COST** | **8,22,425.24** |
| **B** | | | | **Stock, Storage & Insurance @ 3% of A** | 24,672.76 |
| **C** | | | | **Sub Total (C=A+B)** | **8,47,098.00** |
| **D** | | | | **Contingency @3% of C** | **25,412.94** |
| **E** | | | | **T & P 2% of C** | **16,941.96** |
| **F** | | | | **Transportation @ 7.5% of C** | **63,532.35** |
| **G** | | | | **Erection Charges for PSC Pole @ 20%** | |
| **H** | | | | **Erection Charges of DTR and Joist Poles @ 5%** | 34,731.12 |
| **I** | | | | **Erection Charges of other @ 10%** | **15,247.56** |
| **J** | | | | **Sub Total Rs.** | **10,02,963.93** |
| **36** | Materrial for earthing including masonary work for salt, charcoal. | Ls | 7 | 3784.39 | 26,490.73 |
| **37** | Concreting of support C.C. 1;1;5;3, 0.375Cum. @ 6648.85/- for WPB pole. | No | 2 | 2991.98 | 5,983.97 |
| **38** | Couping with C.C.1:1:5:3, 1125 Cum @ Rs 6648.85 | No | 2 | 748.00 | 1,496.00 |
| **39** | Cement concreting for stay anchor plate with C.C. 1:2:4, 0.2 Cum @ 6500.00/- | No | 4 | 1300.00 | 5,200.00 |
| **40** | Construction of Plinth for new Plinth mounted DSS | No | 1 | 28000.00 | 28,000.00 |
| **41** | Construction of brick bondary wall & grill gate with Civil & MS Metal & Sand Spreading and metal spreading to the new plinth mounted DSS. | Rm | 18 | 7300.12 | 1,31,402.14 |
| | **Total Amount** | | | | **12,01,536.76** |
| **III** | **LT LINE-0.04 Km(4x95+1x95+1x16) sq. mm AB Cable** | | | | |
| 1 | 9 Mtr. Long 300 KG PSC Pole | No | 1 | 3630.00 | 3,630.00 |
| 2 | Base Plate for PSC Pole | No | 1 | 361.34 | 361.34 |
| 3 | 4x95+1x95+1x16 mm2 XLPE AB Cable | Mtr. | 42.00 | 422.00 | 17,724.00 |
| 4 | Eye hook for XLPE Aerial bunched Cable | Pair | 4 | 75.00 | 300.00 |
| 5 | Pole clamp for eye Hook for AB cable | Pair | 4 | 240.00 | 960.00 |
| 6 | Dead end clamp suitable for bare messenger XLPE AB cable 25-70mm2 | No. | 4 | 217.00 | 868.00 |
| 7 | Cap Cable End for ABC 95 sq. mm | No | 10 | 9.17 | 91.69 |
| 8 | L.T Stay set (Complete ) | Set | 1 | 736.00 | 736.00 |
| 9 | L.T Stay Insulator | No. | 1 | 19.00 | 19.00 |
| 10 | L.T Stay Clamp(1.4 K.g/Pair) | Pair | 1 | 350.00 | 350.00 |
| 11 | 7/12 SWG Stay Wire | Kg | 8 | 79.00 | 632.00 |
| 12 | GI Nut, Bolt & washer | Kg | 4 | 74.00 | 296.00 |

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|---|---|---|---|---|---|
| 13 | Earthing support coil type | No | 1 | 164.00 | 164.00 |
| 14 | No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing. | Kg | 0.262 | 74.00 | 19.39 |
| 15 | IPC Type-B main 10 to 95 sq.mm. & Tap-1.5 to 10(16) sq. mm. (street Light) | No. | 6 | 36.93 | 221.59 |
| 16 | Neutral Piercing Type B suitable for main 35-70 sqmm AAAC & Tap-2.5 to 10 sqmm service cable cover by black weather resistant insulation cover | No. | 2 | 48.84 | 97.68 |
| 17 | GI barbed wire/Anticlimbing device | Kg | 3 | 74.00 | 222.00 |
| 18 | Back Clamp for barbed wire anticlimbing device 25x3mm Flat. | Kg | 0.60 | 72.00 | 43.33 |
| 19 | Danger Board | No | 1 | 180.00 | 180.00 |
| 20 | Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp | Kg | 0.60 | 72.00 | 43.33 |
| 21 | Black paint | Ltr. | 0.5 | 212.77 | 106.39 |
| 22 | Yellow colour paint for Background | Ltr. | 1 | 212.77 | 212.77 |
| 23 | Saundries | No. | 1 | 169.49 | 169.49 |
| **A** | | | | **TOTAL MATERIAL COST** | **27,448.00** |
| **B** | | | | **Stock, Storage & Insurance @ 3% of A** | 823.44 |
| **C** | | | | **Sub Total (C=A+B)** | **28,271.44** |
| **D** | | | | **Contingency @3% of C** | **848.14** |
| **E** | | | | **T & P 2% of C** | **565.43** |
| **F** | | | | **Transportation @ 7.5% of C** | **2,120.36** |
| **G** | | | | **Erection Charges for PSC Pole @ 20%** | **747.78** |
| **H** | | | | **Erection Charges of DTR and Joist Poles @ 5%** | |
| **I** | | | | **Erection Charges of other @ 10%** | **2,453.25** |
| **J** | | | | **Sub Total Rs.** | **35,006.41** |
| **24** | Cement concreting for stay anchor plate with C.C. 1:2:4, 0.2 Cum @ 6500.00/- | No | 1 | 1300.00 | 1,300.00 |
| **25** | Couping with C.C.1:1:5:3, 1125 Cum @ Rs 6648.85 | No | 1 | 748.00 | 748.00 |
| **26** | Survey of Incremental/delta network and assets changes of LT network and updation in GESW databas. | Km | 0.04 | 8163.56 | 326.54 |
| **27** | Concreting of support C.C. 1;1;5;3, 0.375Cum. @ 6648.85/- | No | 1 | 2493.32 | 2,493.32 |
| | | | | | **39,874.27** |
| | **Service Connection** | | | | |
| 1 | 100 AMP Kit Kat Fuse | No | 3 | 348.00 | 1,044.00 |
| 2 | IPC Type-B main 16 to 95 sq.mm2. to Tap-16 to 95 sq. mm2. | No | 1 | 118.40 | 118.40 |
| 3 | Neutral connector Type B suitable for main 35-70 sqmm AAAC & Tap-2.5 to 10 sqmm service cable cover by black weather resistant insulation cover. | No. | 1 | 48.84 | 48.84 |
| 4 | Sundries | Ls | 1 | 423.73 | 423.73 |
| **A** | | | | **TOTAL MATERIAL COST** | **1,634.97** |
| **B** | | | | **Stock, Storage & Insurance @ 3% of A** | 49.05 |
| **C** | | | | **Sub Total (C=A+B)** | **1,684.02** |
| **D** | | | | **Contingency @3% of C** | **50.52** |
| **E** | | | | **T & P 2% of C** | **33.68** |
| **F** | | | | **Transportation @ 7.5% of C** | **126.30** |
| **G** | | | | **Erection Charges for PSC Pole @ 20%** | |
| **H** | | | | **Erection Charges of DTR and Joist Poles @ 5%** | |
| **I** | | | | **Erection Charges of other @ 10%** | **168.40** |
| **J** | | | | **Sub Total Rs.** | **2,062.92** |
| | Sub Total Rs. | | | | **13,85,434.40** |

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|---|---|---|---|---|---|
| | Cess @ 1% | | | | **13,854.34** |
| | Total Estimated Cost | | | | **13,99,288.75** |
| | Total Estimated Cost in Figures | | | | **13,99,289.00** |
| EXCESS | ☐ LESS ☐ (Please Tick) | **In Figure _____ %**<br>**In word _____%** | | | |
| Quoted Amount in Figure | | | | | |
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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)**