

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**  
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**  
**[Electrical Division]**  
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**PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 1-E+6-F TYPE QTRS. AT TANGI CHOUDWAR FIRE STATION IN THE DIST. OF CUTTACK.**

**BID REF NO :- 43/DGM/ELECT/OPHWC/2024-25**

**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. |
| <b>I</b>  | <b>11 KV LINE</b>   |      |          |                       |               |
|           | <b>11 KV CUT POINT WITH 90 DEGREE ANGLE</b>   |      |          |                       |               |
| <b>1</b>  | WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)   | No   | 1        | 34153.68              | 34153.68      |
| <b>2</b>  | Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =( 4x9.56x1.2)     | Kg   | 45.888   | 102.00                | 4680.58       |
| <b>3</b>  | Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required   | Kg   | 10.5728  | 102.00                | 1078.43       |
| <b>4</b>  | Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(42x9.56x0.306) | Kg   | 11.70144 | 102.00                | 1193.55       |
| <b>5</b>  | Danger plate  | No   | 1        | 108.80                | 108.80        |
| <b>6</b>  | Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)               | Kg   | 0.3009   | 102.00                | 30.69         |
| <b>7</b>  | GI barbed wire/Anticlimbing device  | No   | 3        | 108.80                | 326.40        |
| <b>8</b>  | Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)        | Kg   | 1.2036   | 102.00                | 122.77        |
| <b>9</b>  | 11 KV pin insulator polymer   | Set  | 4        | 272.00                | 1088.00       |
| <b>10</b> | H W fitting(B&S) 70KN, 3Bolt  | No.  | 6        | 476.00                | 2856.00       |
| <b>11</b> | Disc insulator (B&S) 70 KN polymer  | No.  | 6        | 1564.00               | 9384.00       |
| <b>12</b> | Earthing of Support ( Coil Type )   | No   | 1        | 225.76                | 225.76        |
| <b>13</b> | No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing                                 | Kg   | 0.262    | 102.00                | 26.72         |
| <b>14</b> | Wedge connector for 55 sq. mm conductor   | EA   | 6        | 146.20                | 877.20        |
| <b>15</b> | Polycarbonate Bird Guard  | EA   | 10       | 20.96                 | 209.60        |
| <b>16</b> | HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr.,0.551 Length , 2Nos.  | Pair | 2        | 170.00                | 340.00        |
| <b>17</b> | HT Stay Set (Complete)  | Set  | 2        | 1428.00               | 2856.00       |

|    |   |     |        |          |           |
|----|---|-----|--------|----------|-----------|
| 18 | HT Stay Insulator   | No. | 2      | 68.00    | 136.00    |
| 19 | 7/10 SWG Stay Wire , 15 Kg/stay   | KG  | 30     | 102.00   | 3060.00   |
| 20 | GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )   | Kg  | 7.433  | 106.08   | 788.49    |
| 21 | Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background   | Ltr | 2      | 167.46   | 334.92    |
| 22 | Black paint (GIS Numbering & Zebra stripping)   | Ltr | 0.5    | 299.20   | 149.60    |
| A  | A. Sub total  |     |        |          | 64,027.18 |
| B  | B. Stock, Storage & Insurance @ 3% of A   |     |        |          | 1,920.82  |
| C  | Sub Total (C=A+B)   |     |        |          | 65,948.00 |
| D  | T&P @ 2% of C   |     |        |          | 1187.2    |
| E  | Contingency @ 3% of C   |     |        |          | 1,978.44  |
| F  | Transportation @ 7.5% of C  |     |        |          | 4,946.10  |
|    | Erection Charges @ 5% on poles  |     |        |          | 1,758.90  |
| G  | Erection Charges @ 10%  |     |        |          | 2,418.50  |
| H  | Total   |     |        |          | 78,237.14 |
| 23 | Fixing of 11 KV line 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 excvation, supply of 0.5Cum cement concrete foundation 1:2:4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material . | No  | 2      | 2301.53  | 4603.06   |
| 24 | Couping Ratio 1:1:5:3(500 mmx500mmx1800mm)=0.45 Cu. Mtr.  | Cum | 0.45   | 6648.85  | 2991.98   |
| 25 | Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.  | Cum | 0.1125 | 6648.85  | 748.00    |
|    | Total Material + Services Cost (J+K)  |     |        |          | 86,580.18 |
| B  | <b>11 KV PIN POINTS WITH WPB</b>  |     |        |          |           |
| 1  | 55 sq. mm AAAC  | Km  | 0.12   | 40800.00 | 5042.88   |
| A  | A. Sub total  |     |        |          | 5,042.88  |
| B  | B. Stock, Storage & Insurance @ 3% of A   |     |        |          | 151.29    |
| C  | Sub Total (C=A+B)   |     |        |          | 5,194.17  |
| D  | T&P @ 2% of C   |     |        |          | 103.88    |
| E  | Contingency @ 3% of C   |     |        |          | 155.82    |
| F  | Transportation @ 7.5% of C  |     |        |          | 389.56    |
|    | Erection Charges @ 5% on poles  |     |        |          |           |
| G  | Erection Charges @ 10%  |     |        |          | 519.42    |
| H  | Total   |     |        |          | 6,362.85  |
| II | <b>11 KV LINE PROTECTING GUARDING ON SINGLE POLE FOR ROAD CROSSING-1 SPAN</b>   |     |        |          |           |

|            |   |    |        |          |                  |
|------------|---|----|--------|----------|------------------|
| 1          | Guarding Channel 75X40X4.8 mm, 7.14 KG/Mtr., each channel length 2.2 mtr., 4 no's channel required = (4x7.14x1.2)(For Single Pole)  | Kg | 62.83  | 102.00   | 6408.66          |
| 2          | No-6 GI wire (0.192 Kg/Mtr.)for main string   | Kg | 30.72  | 102.00   | 3133.44          |
| 3          | No-8 GI wire (0.131 Kg/mtr.)for lacing  | Kg | 6.55   | 102.00   | 668.10           |
| 4          | Eye Bolt(236 mm,16 mm dia,1.577 Kg/mtr.)  | No | 4      | 136.00   | 544.00           |
| 5          | GI Pipe earthing 40 mm dia 3 Mtr. Long  | No | 2      | 1428.00  | 2856.00          |
| 6          | 50x6mm GI Flat for earthing, 2.36kg/mtr.  | Kg | 50.504 | 102.00   | 5151.41          |
| <b>A</b>   | <b>TOTAL MATERIAL COST (FOR-2020-21)</b>  |    |        |          | <b>18,761.61</b> |
| <b>B</b>   | <b>Stock, Storage &amp; Insurance @ 3% of A</b>   |    |        |          | <b>562.85</b>    |
| <b>C</b>   | <b>Sub Total (C=A+B)</b>  |    |        |          | <b>19,324.46</b> |
| <b>D</b>   | <b>Contingency @3% of C</b>   |    |        |          | <b>579.73</b>    |
| <b>E</b>   | <b>T &amp; P 2% of C</b>  |    |        |          | <b>327.66</b>    |
| <b>F</b>   | <b>Transportation @ 7.5% of C</b>   |    |        |          | <b>1,449.33</b>  |
| <b>G</b>   | <b>Erection Charges for PSC Pole @ 20%</b>  |    |        |          |                  |
| <b>H</b>   | <b>Erection Charges of DTR and Joist Poles @ 5%</b>   |    |        |          |                  |
| <b>I</b>   | <b>Erection Charges of other @ 10%</b>  |    |        |          | 1,638.30         |
| <b>J</b>   | <b>Sub Total Rs.</b>  |    |        |          | <b>23,319.48</b> |
| 7          | 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 | 2      | 3784.73  | 7,569.46         |
|            | <b>Total Rs.</b>  |    |        |          | <b>30,888.94</b> |
| <b>III</b> | <b>INSTALLATION OF 63 KVA S/S.</b>  |    |        |          |                  |
| 1          | WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)   | No | 2      | 34153.68 | 68307.36         |
| 2          | 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 | 21.42  | 102.00   | 2184.84          |
| 3          | Top channel GI 100x50x6 mm 3000 mm Long(9.56 kg/Mtr.,2 Nos.)  | Kg | 57.36  | 102.00   | 5850.72          |
| 4          | Fish Plate 50x6 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required   | Kg | 3.9648 | 102.00   | 404.41           |
| 5          | AB switch mounting channel 75x40x4.8 mm GI channel, 3000 mm Long (7.14 kg/mtr,2 Nos.)   | Kg | 42.84  | 102.00   | 4369.68          |
| 6          | AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.)   | Kg | 6.69   | 102.00   | 682.38           |
| 7          | Channel support for down pipe 75x40x4.8 mm GI channel(7.14 kg/mtr,2 Nos.)each channel length 0.8 Mtr.   | Kg | 5.711  | 102.00   | 582.52           |
| 8          | HG/DO fuse Mounting channel 75x40x4.8 mm GI channel(3000 mm Long ) (7.14 kg/mtr,2 Nos.)   | Kg | 42.84  | 102.00   | 4369.68          |
| 9          | Cantilever suport channel75x40x4.8 mm GI channel(810 mm Long,2 Nos.)(7.14 kg/mtr,2 Nos.)  | Kg | 11.57  | 102.00   | 1180.14          |
| 10         | Cantilever suport angle 50x50x6 mm GI (1282 mm Long)(4.5 kg/mtr,2 Nos.)   | Kg | 11.54  | 102.00   | 1177.08          |
| 11         | Transformer base GI channel 100x50x6 mm channel(3000 mm Long,2 Nos.)(9.56 kg/mtr,2 Nos.)  | Kg | 57.36  | 102.00   | 5850.72          |
| 12         | Transformer base suport channel 100x50x6 mm GI channel(515 mm Long,2 Nos.)(9.56 kg/mtr,2 Nos.)  | Kg | 9.85   | 102.00   | 1004.70          |

|          |  |      |        |           |                   |
|----------|--|------|--------|-----------|-------------------|
| 13       | Transformer Belting angle 50x50x6 mm GI (3000 mm Long)(4.5 kg/mtr,2 Nos.)  | Kg   | 27     | 102.00    | 2754.00           |
| 14       | Transformer Belting Support angle 50x50x6 mm GI 580 mm Long)(4.5 kg/mtr,2 Nos.)  | Kg   | 5.22   | 102.00    | 532.44            |
| 15       | LT DB mounting angle 50x50x6 mm GI (1000 mm Long)(4.5 kg/mtr,2 Nos.)   | Kg   | 9      | 102.00    | 918.00            |
| 16       | 50x6mm GI Flat for earthing, 2.36kg/mtr., (12.5 Mtr. For L.A, 3 Mtr for AB Switch Body, 2.5 mtr. For mesh formation and 2.5 mtr. For raising)= 20.5x2.36 | Kg   | 154.81 | 102.00    | 15790.62          |
| 17       | 63 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II  | No   | 1      | 152486.81 | 152486.81         |
| 18       | LT Distrubution Box with MCCB, Aluminim Busbar of single Bay with kit kat Fuse for 63 KVA S/S.   | No   | 1      | 24917.92  | 24917.92          |
| 19       | 55 sq. mm All Alloy conductor-PVC insulated  | Mtr  | 50     | 55.24     | 2762.00           |
| 20       | 4Cx95 sq. mm LT XLPE cable   | Mtr  | 15     | 438.71    | 6580.65           |
| 21       | 4Cx95 sq. mm LT XLPE cable-from LTDB to Pole   | Mtr  | 40     | 438.71    | 17548.40          |
| 22       | 11 KV AB switch (200 Amp, 3 pole)  | Set  | 1      | 9996.00   | 9996.00           |
| 23       | 11 KV HG Fuse (200 Amp, 3 pole)  | Set  | 1      | 8323.20   | 8323.20           |
| 24       | Wedge connector for 55 sq. mm conductor  | EA   | 6      | 146.20    | 877.20            |
| 25       | Polycarbonate Bird Guard   | EA   | 6      | 20.96     | 125.76            |
| 26       | 11 KV Disc insulator polymer type 70 KN  | No   | 3      | 1564.00   | 4692.00           |
| 27       | 11 KV H/W fitting polymer type   | Pair | 3      | 476.00    | 1428.00           |
| 28       | 11 KV LA (12KV,10 KA)station class-2   | No   | 3      | 4828.00   | 14484.00          |
| 29       | 11 KV Pin Insulator polymer type   | No   | 3      | 272.00    | 816.00            |
| 30       | HT Stay Set (Complete)   | Set  | 2      | 1428.00   | 2856.00           |
| 31       | HT Stay Insulator  | No.  | 2      | 68.00     | 136.00            |
| 32       | HT Stay Clamp(1.95 K.g/Pair)   | Pair | 2      | 170.00    | 340.00            |
| 33       | 7/10 SWG Stay Wire   | KG   | 30     | 102.00    | 3060.00           |
| 34       | GI Pipe for earthing 40mm dia 3mtr long  | No   | 7      | 1428.00   | 9996.00           |
| 35       | GI Nut, Bolt & washers of different sizes  | Kg   | 25     | 106.08    | 2652.00           |
| 36       | GI barbed wire/Anticlimbing device   | No   | 6      | 108.80    | 652.80            |
| 37       | Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)   | Kg   | 2.4072 | 102.00    | 245.53            |
| 38       | Danger plate   | Kg   | 2      | 108.80    | 217.60            |
| 39       | Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)  | Kg   | 0.6018 | 102.00    | 61.38             |
| 40       | Name Plate   | No   | 1      | 108.80    | 108.80            |
|          | <b>Structure Numbering and marking</b>   |      |        |           |                   |
| 41       | Yellow colour paint for Background   | Ltr  | 2      | 167.46    | 334.92            |
| 42       | Black colour paint for numbering   | Ltr  | 1      | 299.20    | 299.20            |
| <b>A</b> | <b>A. Sub total</b>  |      |        |           | <b>381,957.47</b> |
| <b>B</b> | <b>B. Stock, Storage &amp; Insurance @ 3% of A</b>   |      |        |           | <b>11,458.72</b>  |
| <b>C</b> | <b>Sub Total (C=A+B)</b>   |      |        |           | <b>393,416.19</b> |
| <b>D</b> | <b>T&amp;P @ 2% of C</b>   |      |        |           | <b>7,033.67</b>   |
| <b>E</b> | <b>Contingency @ 3% of C</b>   |      |        |           | <b>11,802.49</b>  |
| <b>F</b> | <b>Transportation @ 7.5% of C</b>  |      |        |           | <b>29,506.21</b>  |
| <b>G</b> | <b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>  |      |        |           | <b>11,370.90</b>  |

|    |   |          |       |         |            |
|----|---|----------|-------|---------|------------|
| H  | Erection Charges @ 20% on PSC Poles   |          |       |         |            |
| I  | Erection Charges @ 10% for other materials  |          |       |         | 12,426.57  |
| J  | Total   |          |       |         | 465,556.03 |
| 43 | Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.  | Cu. Mtr  | 0.9   | 6648.85 | 5,983.97   |
| 44 | Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.   | Cu. Mtr  | 0.226 | 6648.85 | 1,502.64   |
| 45 | PCC ratio 1:3:6(M-10 Grade) For DSS Area (5X3X0.1)= 1.5 Cu. mtr.  | Cu. Mtr  | 1.5   | 5247.48 | 7,871.22   |
| 46 | 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     | 2301.53 | 4,603.06   |
| 47 | 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     | 3784.73 | 26,493.11  |
| 48 | Laying of 4Cx95 sq.mm LT XLPE cable   | Mtr.     | 55    | 47.87   | 2,632.85   |
| 49 | Supply and Erection of GI fencing with Gate   | Sq. Mtr. | 16    | 3682.44 | 58,919.04  |
| 50 | Supply and erection of GI Pipe of dia. 150mm, Class-B (8Mtr.)   | Mtr.     | 16    | 1496.91 | 23,950.56  |
| 51 | Concreting ratio 1:1.5:3(M-20 Grade) (500mmX500mmX1500mm) = 0.375Cu.mtr(Per Pole) (For PSC Pole)  | Cu. Mtr  | 0.375 | 6648.85 | 2,493.32   |
| 52 | 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.  | EA       | 24    | 92.06   | 2,209.44   |
| 53 | Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 50-95sqmm 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.                    | EA       | 3     | 690.46  | 2,071.38   |
|    |   |          |       |         | 138,730.58 |
|    | Sub total Rs  |          |       |         | 604,286.62 |
| IV | Construction of LT Line using 4C×50 mm <sup>2</sup> (P)+1C×50 mm <sup>2</sup> (M)+1CX50 mm <sup>2</sup> (Street Light) (LT AB Cable)-0.26 Km.   |          |       |         |            |
| 1  | 9 Mtr. long 300 Kg. PSC Pole  | No       | 8     | 4080.00 | 32,640.00  |
| 2  | LT Stay set Complete  | Set      | 3     | 707.20  | 2,121.60   |
| 3  | 7/12 SWG GI stay wire, Grade -2   | Kg       | 36    | 102.00  | 3,672.00   |
| 4  | LT stay Clamp ( 1.40Kg/pair)  | Pair     | 3     | 149.60  | 448.80     |

|  |   |        |       |         |                   |
|--|---|--------|-------|---------|-------------------|
| 5  | LT Stay insulator   | No     | 3     | 40.80   | 122.40            |
|  | <b>LT Accessories with Eye Hook and Clamp</b>   |        |       |         |                   |
| 6  | Pole clamp for EYE hook for (XLPE Aerial bunched Cable)   | Pair   | 11    | 272.00  | 2,992.00          |
| 7  | EYE hook for XLPE Aerial bunched Cable  | No     | 6     | 81.60   | 489.60            |
| 8  | Dead End Clamp suitable for messenger XLPE Aerial bunched Cable   | No     | 6     | 88.40   | 530.40            |
| 9  | Suspension Clamp with EYE hook for ABC  | No     | 5     | 462.40  | 2,312.00          |
| 10   | 4C×50 mm <sup>2</sup> (P)+1C×50 mm <sup>2</sup> (M)+1CX16 mm <sup>2</sup> (Street Light) (LT AB Cable)  | Mtr    | 262.5 | 214.00  | 56,175.00         |
| 11   | Insulated piercing connector.Type-A-main 50 to 150 sq.mm & Tap-50 to 150 sq.mm  | No     | 3     | 113.08  | 339.24            |
| 12   | Pipe Earthing (each 5th pole to earth)  | No     | 2     | 1428.00 | 2,856.00          |
| 13   | Coil Earthing   | No     | 6     | 225.76  | 1354.56           |
| 14   | No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr.- 2 Mtr. For connecting pole with Coil earthing  | Kg     | 2.1   | 102     | 214.20            |
| 15   | Danger plate (LT)   | Kg     | 8     | 108.8   | 870.40            |
| 16   | Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)  | Kg     | 2.41  | 102.00  | 245.82            |
| 17   | GI barbed wire anticlimbing device 3 Kg. Per support  | Ltr    | 24    | 108.80  | 2,611.20          |
| 18   | Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)   | Kg     | 9.63  | 102.00  | 982.26            |
| 19   | GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)  | Kg     | 4     | 106.08  | 424.32            |
| 20   | Black Paint   | Ltr.   | 8     | 299.20  | 2,393.60          |
| 21   | Yellow Colour Paint for Background  | Ltr    | 16    | 167.46  | 2,679.36          |
| A  | <b>TOTAL MATERIAL COST</b>  |        |       |         | <b>116,474.76</b> |
| B  | <b>Stock, Storage &amp; Insurance @ 3% of A</b>   |        |       |         | <b>3,494.24</b>   |
| C  | <b>Sub Total (C=A+B)</b>  |        |       |         | <b>119,969.00</b> |
| D  | <b>Contingency @3% of C</b>   |        |       |         | <b>3,599.07</b>   |
| E  | <b>T &amp; P 2% of C</b>  |        |       |         | <b>2,209.40</b>   |
| F  | <b>Transportation @ 7.5% of C</b>   |        |       |         | <b>8,997.68</b>   |
| G  | <b>Erection Charges for PSC Pole @ 20%</b>  |        |       |         | <b>6,723.84</b>   |
| H  | <b>Erection Charges of DTR and Joist Poles @ 5%</b>   |        |       |         |                   |
| I  | <b>Erection Charges of other @ 10%</b>  |        |       |         | <b>7,685.15</b>   |
| J  | <b>Sub Total Rs.</b>  |        |       |         | <b>149,184.14</b> |
| <b>Civil and Services Works (As per Technical Specification)</b> |   |        |       |         |                   |
| 22   | <b>Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod &amp; stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts &amp; 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)</b> | No     | 3     | 2301.53 | 6904.59           |
| 23   | <b>Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr</b>  | Cu.Mtr | 3     | 6648.85 | 19,946.55         |

|                         |   |         |      |         |                   |
|-------------------------|---|---------|------|---------|-------------------|
| 24                      | 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      | 2    | 3784.73 | 7,569.46          |
| K                       | <b>Total Services Cost</b>  |         |      |         | <b>34,420.60</b>  |
|                         | <b>Total Material + Services Cost (J+K)</b>   |         |      |         | <b>183,604.74</b> |
| V                       | <b>Dismantling Charges</b>  |         |      |         |                   |
| 1                       | Dismantling of 9/8 Mtr.PSC/Joist Pole   | EA      | 2    | 920.61  | <b>1,841.22</b>   |
| 2                       | Dismantling of existing Transformer including removal of HT/LT leads, earth connections and unloading by crane if required.   | No      | 1    | 1534.35 | <b>1,534.35</b>   |
| 3                       | Dismantling of ACSR /AAAC 34/55 sq. mm from OH Line   | Mtr.    | 6.44 | 450.00  | <b>2,898.00</b>   |
|                         | Total Rs.   |         |      |         | <b>6,273.57</b>   |
|                         | <b>Sub Total Rs.</b>  |         |      |         | <b>917,996.90</b> |
|                         | <b>Cess @1%</b>   |         |      |         | <b>9,179.97</b>   |
|                         | Total Estimated Cost  |         |      |         | <b>927,176.87</b> |
|                         | Total Estimated Cost in Figures   |         |      |         | <b>927,177.00</b> |
| EXCESS                  | <input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)  | _____ % |      |         |                   |
| 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/-  
D.M (Elect) I/C

Sd/-  
DGM Engg.(Elect.)