



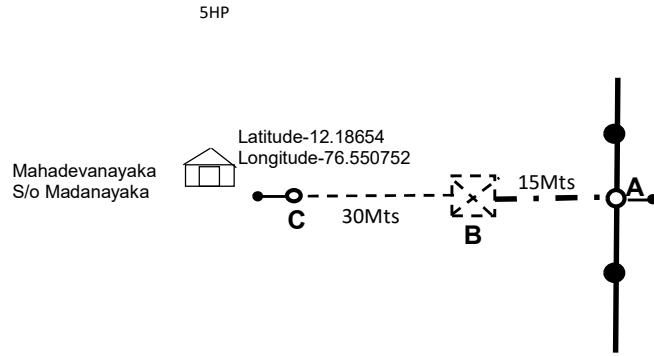
CHAMUNDESWARI ELECTRICITY SUPPLY CORPORATION LIMITED

Estimate No:-RJMSGK-07 Dated: 14.09.2022

Estimate for APS to 5HP GKIP Sets of Sri. Mahadevanayaka S/o Madanayaka Sy No.94/B-P2, at Jayapura Village, in Jayapura Section R.K.nagar Sub-division.

| INDEX | |
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| — | Existing 11KV LINE |
| ● | Existing Poles |
| - · - · | Proposed HT Line |
| ○ | Proposed Poles |
| - - - - | Proposed LT Line |
| ⊠ | Proposed 25KVA DTC |
| 🏠 | Proposed Installation |
| —●— | Proposed Guy |

| Proposed Line Details |
|-----------------------|
| HT LINE = 15Mts |
| DTC= 25KVA |
| LT LINE =30Mts |



Report: This estimate Amounting **Rs=230321.00** has been preparing for APS to 5HP GKIP Sets of Sri. Mahadevanayaka S/o Madanayaka Sy No.94/B-P2, at Jayapura Village, in Jayapura Section R.K.nagar Sub-division.

For APS to the above said 5HP GKIP Set at Jayapura Village, It is proposed to providing one I/M pole and Extending the 11KV Line from point "A" to "B" at about 15Mts , providing 25KVA DTC at "B" and Extending LT Line from "B" to "C" at about 30Mts, as shown in the Sketch .The necessary required materials are providing in the estimate. the proposed 25KVA DTC comes on 11KV Line of Harohally IP feeder emanating from 66/11KV JAYAPURA MUSS, in Jayapura Section R.K.nagar Sub-division.

Hence I am here with Submitting the estimate for your Kind needfull sanction.

Assistant Engineer(Ele)
Jayapura O & M Section,
CESC, Mysore.

Assistant Executive Engineer (Ele)
R.K.Nagar Sub-Division,
CESC, Mysore.



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Part-A = Extention of 11KV Line

| SL NO | Name of the Materials | Unit | Quantity | Materials | | Labour | |
|-------|---|------|----------|-----------|----------|---------|---------|
| | | | | Rate | Amount | Rate | Amount |
| 1 | RCC Pole 9Mts long | No. | 1 | 7153.00 | 7153.00 | 1341.00 | 1341.00 |
| 2 | Spiral Earth Electrode | Set | 1 | 248.00 | 248.00 | 70.00 | 70.00 |
| 3 | 11KV Horizontal Crass arms with HTST Support | Set | 2 | 668.00 | 1336.00 | 122.00 | 244.00 |
| 4 | 11 kV, 45 KN Polymeric Insulator | No. | 3 | 202.00 | 606.00 | 0.00 | 0.00 |
| 5 | 11 kV, 5 KN Composite/Polymeric Pin Insulator (24 mm Dia FRP Rod) | No. | 3 | 221.00 | 663.00 | 0.00 | 0.00 |
| 6 | Rabbit Conductor +1.5% Sag | Kms | 0.046 | 61515.00 | 2829.69 | 3299.00 | 151.75 |
| 7 | Conductor Accessories @ 3% | | | | 84.89 | 0.00 | 0.00 |
| 8 | Loading & Unloading of 9Mts pole | No. | 1 | 0.00 | 0.00 | 106.00 | 106.00 |
| 9 | Miscelaneous Materials | L/S | | | 79.42 | | 87.25 |
| 10 | Total Cost | | | | 13000.00 | | 2000.00 |
| 11 | Total Labour Cost | | | | 2000.00 | | |
| 12 | GST @18% on LC | | | | 360.00 | | |
| 13 | PF and ESI Charges @ 17.75% on LC | | | | 355.00 | | |
| 14 | Transportation Charges @2% on Materials | | | | 260.00 | | |
| 15 | Contengency @ 2% on Total Materials +Labour Charges | | | | 300.00 | | |
| 16 | ESCOM Establishment cost @ 20% on labour charges | | | | 400.00 | | |
| 17 | Grand Totals Rs= | | | | 16675.01 | | |

Certificate:- Certified that I have personally visited the spot and prepared this Estimate in most economical and safe way for Executing the work by using CSR.

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Part-B = Errection of 25KVA DTC

| SL NO | Name of the Materials | Unit | Quantity | Materials | | Labour | |
|-------|---|------|----------|-----------|-----------|----------|----------|
| | | | | Rate | Amount | Rate | Amount |
| 1 | Erection of 3 Phase, 11kV/433V, 25kVA BEE – 4Star Rated Distribution Transformer on Double pole Structure as per CSD Sheet-24 | Set | 1 | 160203.00 | 160203.00 | 14490.00 | 14490.00 |
| 2 | Loading & Unloading of 25KVA transformer | No. | 1 | 0.00 | 0.00 | 410.00 | 410.00 |
| 3 | Loading & Unloading of 9Mts pole | No. | 2 | 0.00 | 0.00 | 106.00 | 212.00 |
| 4 | Miscelanious Materials | L/S | | | 97.00 | | 88.00 |
| 5 | Total Cost | | | | 160300.00 | | 15200.00 |
| 6 | Total Labour Cost | | | | 15200.00 | | |
| 7 | GST @18% on LC | | | | 2736.00 | | |
| 8 | PF and ESI Charges @ 17.75% on LC | | | | 2698.00 | | |
| 9 | Transportation Charges @2% on Materials | | | | 3206.00 | | |
| 10 | Contengency @ 2% on Total Materials +Labour Charges | | | | 3510.00 | | |
| 11 | ESCOM Establishment cost @ 20% on labour charges | | | | 3040.00 | | |
| 12 | Electrical Inspecrate Charges | | | | 3100.00 | | |
| 13 | Grand Totals Rs= | | | | 193790.00 | | |

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Part-C = Extention of LT Line

| SL NO | Name of the Materials | Unit | Quantity | Materials | | Labour | |
|-------|---|------|----------|-----------|----------|----------|---------|
| | | | | Rate | Amount | Rate | Amount |
| 1 | RCC Pole 8Mts long | No. | 1 | 5306.00 | 5306.00 | 1072.00 | 1072.00 |
| 2 | Guy Set | Set | 1 | 1179.00 | 1179.00 | 448.00 | 448.00 |
| 3 | Guy Concrete Materials | Set | 1 | 0.00 | 0.00 | 200.00 | 200.00 |
| 4 | 4Pin Crass Arms | Set | 2 | 439.00 | 878.00 | 122.00 | 244.00 |
| 5 | No.8 Strain Insulator | No. | 8 | 25.00 | 200.00 | 0.00 | 0.00 |
| 6 | Rabbit Conductor +1.5% Sag | Kms | 0.122 | 61515.00 | 7504.83 | 3299.00 | 402.48 |
| 7 | Conductor Accessories @ 3% | | | | 225.14 | 0.00 | 0.00 |
| 8 | Loading & Unloading of 8Mts pole | No. | 1 | 0.00 | 0.00 | 79.00 | 79.00 |
| 9 | Miscelaneous Materials | L/S | | | 7.03 | | 54.52 |
| 10 | Total Cost | | | | 15300.00 | | 2500.00 |
| 11 | Total Labour Cost | | | | | 2500.00 | |
| 12 | GST @18% on LC | | | | | 450.00 | |
| 13 | PF and ESI Charges @ 17.75% on LC | | | | | 443.75 | |
| 14 | Transportation Charges @2% on Materials | | | | | 306.00 | |
| 15 | Contengency @ 2% on Total Materials +Labour Charges | | | | | 356.00 | |
| 16 | ESCOM Establishment cost @ 20% on labour charges | | | | | 500.00 | |
| 17 | Grand Totals Rs= | | | | | 19855.75 | |

Certificate:- Certified that I have personally visited the spot and prepared this Estimate in most economical and safe way for Executing the

| ABSTRACT | | |
|------------------|---------------------------------|-----------|
| 1 | Part-A = Extention of 11KV Line | 16675.01 |
| 2 | Part-B = Errection of 25KVA DTC | 193790.00 |
| 3 | Part-C = Extention of LT Line | 19855.75 |
| 4 | Grand Total Rs= | 230320.76 |
| Say Rs=230321.00 | | |

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