

**Name of the Work** - "Maintenance of Overhead lines of feeders No.- 6(3.3KV), 7(6.6KV), 8(6.6KV), 22(6.6KV), 24N(3.3KV) & LT feeders originating from 2X 12.5MVA, 33KV/6.6KV Main Substation to Mines & Workshop of Rajrappa Project for Monsoon period".

(ITC AVAILABLE)

| Sl .No | Description  | Quantity | Units | Rate |
|--------|--|----------|-------|------|
| 1.1    | Erection of metallic pole of length Above 11.00 metre and upto 12.00 metre, in cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.  | 16       | nos.  |      |
| 1.2    | Labour cost for loading, unloading of metallic poles, conductors etc. for transportation from store to site (vice-versa). (Truck will be provided departmentally).   | 24       | nos.  |      |
| 2      | Supplying and erection of stay set complete (galvanised) with 19/20 mm dia X 1.8 metres long stay rod, anchor plate of size 45 cmX 45 cm X 7.5 mm, thimble, stay clamps, turn buckle (20 mm X 60cm), 7/3.15 mm dia G.I. stay wire and strain insulator etc in cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required. | 16       | sets  |      |
| 3      | Erection of double pole 3 wire cross arm for 11KV/22KV/33 KV over head lines as required.  | 9        | sets  |      |
| 4      | Erection of pole top/ straight two wire/Vshape two wire, angle iron/channel iron, cross arm on steel tubular/rail/PCC pole for 11/22/33 KV as required.<br><br>[Cradle guard bracket (5*2=10) & Single pole brackets= 8]   | 18       | sets  |      |
| 5      | Erection of disc/ pin insulator for 11 KV over head lines as required. [Disc-30 & Pin-18]  | 48       | sets  |      |

|    |   |     |      |  |
|----|---|-----|------|--|
| 6  | Erection/Tensioning of all aluminium conductor of 7/3.40 mm to 7/4.00 mm diameter and above including binding etc. as required.   | 648 | kg   |  |
| 7  | Erection of all aluminium conductor of 7/1.96 mm to 7/3.10 mm diameter including binding etc. as required. [For earth wire.]  | 94  | kg   |  |
| 8  | Supply of 8 SWG GI wire for Cradling.   | 232 | kg   |  |
| 9  | Erection of Cradle Guard 3 Wire. (5 nos. of spans).   | 290 | nos. |  |
| 10 | Maintenance/attending breakdown of overhead lines of different feeders originating from 2X12.5MVA, 33KV/6.6KV Main Substation to Mines & Workshop during second shifts for Monsoon period five months (150 days). | 1   | job  |  |
| 11 | Dismantling of pole/ street light standard/strut embedded in cement concrete foundation etc. as required.   | 8   | nos. |  |
| 12 | Dismantling of over head lines comprising of copper/aluminium over head conductor, G.I. wire, cross arms,   | 518 | kg   |  |
| 13 | Cost for Bush cutting (Lumsum).   | 1   | job  |  |
| 14 | Cost for checking & repairing of jumpers.   | 50  | sets |  |
| 15 | Total impact of GST   | 1   | no   |  |
| 16 | Total value   | 1   | no   |  |