

Bharat Coking Coal Limited
Chanach Victoria Area-XII.

Tender Paper

NIT Ref. No : E&M/XII/BCCL/NIT/09-10

Dtd. 24-02-2010

Name of work : Urgent Commissioning of 11 K.V O/H line from N.L.O.C.P Sub-Stn. to N.L.O.C.P. Workshop & 3.3 K.V. O/H line from N.L.O.C.P. Workshop Sub-Station to Chanach Colony Sub-Station due to fire and burnt out of New Laikdih Sub-Station.

| SL. No | Details Of Job | Quantity | Rate (Rs.) | Amount (Rs.) |
|--------|---|----------|------------|--------------|
| 1. (a) | Erection of Steel Tubel or Pole of length Exceeding 10Mtrs. But not exceeding 12 Mtrs. In Cement Concrete 1:3:6 foundation Incl. excavation and refilling etc. (Pole BCCL) Supply free of cost). | 16 Nos. | | |
| (b) | Supply of Cement, Sand & Stone Chips for concreting mixtures for Pole Foundation 1:3:6 (1 Cement : 3 Coarse Sand : 6 Graded Stone Aggregate 40 mm nominal size) (1.5 CUM for each pole foundation) | 16 Nos. | | |
| (c) | Transportation of Poles from Store/ Godown to Site including handling, loading and unloading etc | 16.Nos | | |
| 2. | Supplying and Erection of Galvanized stay Set for 11 K.V O/H line complete with 19/20 mm Dia 1.8 mtrs.long stay Rod, Anchor Plate of Size 45 x 45 x 7.5 mm thick, Thimbles, Stay Clamps, turn buckle (20mm x 600 mm), 7/4.00 mm Dia G.I Stay Wire and 11 KV Strain Insulator etc. in Cement Concrete 1;3;6 as reqd. | 30 Nos. | | |
| 3. | Supplying and Erection of 11KV Grade Disc Insulators for 11KV O/H lines with G.I insulators fittings, Ball and Socket type & complete with G.I Strain Clamps, Bolts, Nuts, Washers etc. as reqd. | 30 Nos. | | |

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2.

| | Quantity | Rate (Rs.) | Amount (Rs.) |
|---|-----------|---------------|-----------------|
| 4. Supplying and Erection of 11 KV Pin Insulator complete with large steel head G.I Pin, Nuts, Washers etc. as reqd. | 48 nos. | | |
| 5. Supply, Fabrication, Painting and Erection of MS Steel Structures such as Brackets, Pole Top Bracing, Cross Brac-ings, Cross Arms, Ties, MS Clamps of various sizes and shape including Nuts, Bolts, & Washers as reqd. for 11 K.O/H Lines . | 1250 kgs | | |
| 6. Erection of ACSR Conductor upto 7/3.35mm diameter and above incl. binding of Insulators etc. as reqd. (Conductor BCCL supply free of cost). | 1320 kgs | | |
| 7. Supplying & Erection of 6 Nos. G.I. Wire /7/16 SWG Wire for each continuity. | 1250 Mtrs | | |
| 8. Supplying & Erection of three Post type 400 Amps load capacity 11 KV grade vertical type heavy duty GOAB Switch for 11 KV o/H lines complete with pipe, hook & handle etc. of ISI Quality. | 1 set | | |
| 9. Supplying & Erection of Drop out H.G Fuse comp. with all necessary materials. | 2 sets | | |
| 10. Check Survey, Pit marking, tree cutting & Corridor cleaning for 11 K.V. O/H lines. | L.S. | | |
| 11. Making of Earth pits by supplying 50 mm dia G.I Pipe 3 Mtrs. long with Earth Electrode duly welded at the bottom of the pipe incl. pit digging & refilling by supplying Salt, Sand and Charcoal/ Betonite Clay. | 9 Nos. | | |

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3.

| | Quantity | Rate (Rs.) | Amount (Rs.) |
|--|----------|---------------|-----------------|
| 12.(a) Dismantling of Pole embedded in Cement concrete foundation. | 16 nos. | | |
| 12.(b) Dismantling O/H lines comprising of Aluminum O/H Conductor, G.I Wires, Cross Arms, Bracings, Insulators etc. | 1500 kg | | |
| 12(b) Transportation of Dismantled materials from from Site to Godown/Coils handling, loading and unloading etc. as reqd. | L.S | | |
| 13. Supplying and kaing of Outdoor Cable and termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for 3 Core XLPE aluminum Conductor Cable of 3.3 KV grade upto 240 sq.mm Size. | 3 Nos | | |
| 14. Laying of one number PVC insulated and PVC Sheathed XLPE Power Cable of grade exceeding 1.1 K.V but not exceeding 11 KV of Size exceeding 120 sq.mm but not exceeding 400 sq.mm direct in ground including excavation, Sand Cushioning, Protective covering and refilling the trench etc. as reqd. | 150 Mtrs | | |
| 15. Supplying and Erection of three piece non linear resistor type lighting arrestor suitable for 3 Wire, 11KV O/H line with rated voltage 9 KV (rms) with nominal discharge current rating of 5 KV and complete galvanized clamping arrangement, G.I Bolts, Nuts, Washers etc. as reqd. | 2 sets. | | |
| Total Rs. | | | |

Issued By.

Area Manager(E&M)
BCCL, C/V Area.

Signature of Contractor
With Seal & Date.