

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 120 /Elect./2019****SCHEDULE OF QUANTITY****Name of Work: Replacement of faulty second source HT cable connecting substation No.3 from substation No.4.****Name of the Contractor**

| S. No | Description of Items | Qty | Unit | Rate in Figures in Rupees | Amount |
|--------------|---|------------|-------------|----------------------------------|---------------|
| 1 | Supplying and laying of one number XLPE power cable of 3 X 185 Sq.mm. aluminium conductor, steel armoured cable of 6.6 KV (UE)/ 11 KV (E) grade as per IS:1554 (Part-1) as reqd complete in following manners. | | | | |
| a) | In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd. | 340.00 | Mtr. | | |
| b) | In existing Pipe | 30.00 | Mtr. | | |
| c) | In existing open duct | 50.00 | Mtr. | | |
| 2 | Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required | | | | |
| a) | 100 mm dia | 30.00 | Mtr. | | |
| 3 | supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required : | | | | |
| a) | 185 sq. mm (240 sq. mm) | 2.00 | Nos. | | |
| 4 | Lifting removing cable of following size from trench/clamps, making roll & depositing the same in store I/c cartage. | | | | |
| a) | above 35 upto 95 Sq.mm. | 8.00 | Mtr. | | |
| b) | Digging trench for taking out cable upto 400 Sq.mm. and refilling , watering ,ramming the same after taking out cable as reqd complete. | 8.00 | Mtr. | | |
| | Total Rs. | | | | |