

National Institute of Technology – Tiruchirappalli - 15
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TENDER NOTIFICATION FOR UNDER GROUND TELEPHONE CABLE LAYING WORK:

Specifications:

Sealed tender is invited from reputed firms for labour charges to lay under ground 20, 50, and 100 pair (approximately 6000 meters each) armoured underground telephone cable in NIT campus.

- 1) Labour charges to be quoted per meter basis.
- 2) Depth of the soil 2 feet.
- 3) Sand to be filled for a height of 4 inches and pre fabricated concrete trapezoidal or arc shaped one inch thickness 6 inch or 9 inch chord length to be placed over the Cables for protection purpose.
- 4) concrete Route markers (with letters ECE) to be placed at an interval of 50 mts and at the turning points. (price to be quoted per piece basis)
- 5) Cost of joining kits for 20, 50, and 100 pair to be specified separately including the labour charges.
- 6) Fiber distribution boxes with lock (metal) for 20, 50, and 100 pair including disconnection modules may be required at appropriate places. Cost of these distribution boxes per piece basis to be indicated.
- 7) PVC pipes to be used above the soil up to the Distribution boxes. Cost of the PVC pipes per meter basis to be specified..
- 8) At road crossing points the cables are to be run using class –B GI pipes of suitable diameters. Cost for GI pipes to be specified per meter basis.
- 9) Labour charges for running additional 20, 50, 100 pair cables in the trench.
- 10) **The Labour and Cost details should be filled in the format given in**

Annexure – 1 only

The Tender should be addressed to The Director, NIT, Trichy-15

On the tender cover write the tender number, tender description and Due date

LAST DATE FOR RECEIPT OF TENDER : 28-08-2007, 02:00 p.m.

TENDER WILL BE OPENED ON 28-08-2007, 02:30 p.m.

EMD Amount Rs. 1000/- (DD should be taken in the favour of The Director, NIT,

Trichy-15)

For any clarifications regarding the specification details only, contact 0431-2503304

DEPARTMENT OF ECE, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 15

TENDER NOTIFICATION FOR UNDER GROUND TELEPHONE CABLE LAYING WORK:

Annexure – 1

Tender Number:

Date:

S. No.	Description	Price in Indian Rupees
1.	Labour charges for digging the trench, filling with sand and covering with concrete block and closing the trench after laying 20 pair cable per meter	
2.	Labour charges for digging the trench, filling with sand and covering with concrete block and closing the trench after laying 50 pair cables per meter	
3.	Labour charges for digging the trench, filling with sand and covering with concrete block and closing the trench after laying 100 pair cables per meter	
4.	Cost of 6 inch chord length arch shaped or trapezoidal concrete structure per unit	
5.	Cost of 9 inch chord length arch shaped or trapezoidal concrete structure per unit	
6.	Cost of concrete Route markers (with letters ECE) per unit	
7.	Cost of joining kit for 20 pair cable including labour charges per kit	
8.	Cost of joining kit for 50 pair cable including labour charges per kit	
9.	Cost of joining kit for 100 pair cable including labour charges per kit	
10.	Cost of Fiber distribution box with lock for 20 pair at one end of the cable including disconnection modules and disconnection module at MDF side of the exchange. (4 modules, 10 pair each)	
11.	Cost of Fiber distribution box with lock for 50 pair at one end of the cable including disconnection module and disconnection modules at the exchange side. (10 modules, 10 pair each)	
12.	Cost of Fiber distribution box with lock for 100 pair at one end of the cable including disconnection modules and disconnection modules at the exchange side. (20 modules, 10 pair each)	
13.	Labour charges for fixing up the fiber box at one end and crimping the 20 pair wires in the disconnection modules on both ends of cable	
14.	Labour charges for fixing up the fiber box at one end and crimping the 50 pair wires in the disconnection modules on both ends of cable	
15.	Labour charges for fixing up the fiber box at one end and crimping the 100 pair wires in the disconnection modules on both ends of cable	
16.	Labour and cost of PVC pipes to be used above the soil up to the Distribution boxes including clip and screws for 20 pair per meter	
17.	Labour and cost of PVC pipes to be used above the soil up to the Distribution boxes including clip and screws for 50 pair per meter	
18.	Labour and cost of PVC pipes to be used above the soil up to the Distribution boxes including clip and screws for 100 pair per meter	
19.	Cost of GI pipe (Class- B only) for road crossing for 20 pair per meter	
20.	Cost of GI pipe (Class- B only) for road crossing for 50 pair per meter	
21.	Cost of GI pipe (Class- B only) for road crossing for 100 pair per meter	
22.	Labour charges to run additional 20 pair cable in the trench	
23.	Labour charges to run additional 50 pair cable in the trench	
24.	Labour charges to run additional 100 pair cable in the trench	
25.	Labour charges to fix root markers at regular intervals.	

Seal of the firm:

Signature with date: