



Technology Telecom Centre
Indian Institute of Technology
Kharagpur-721302

No.:IIT/TTC/CABLE/2016-17/1.

Date: 1.03.2017

NOTICE INVITING TENDER

IIT, Kharagpur, invites sealed quotations in two bid form i.e. (i) Technical; bid (ii) Price bid from the approved and eligible contractors of the Indian Institute of Technology, Kharagpur/BSNL/MES and other bonafied agencies for the following works.

Sl.No.	Name of work	Estimated Amount(Rs.)	Earnest Money (Rs.)	Time allowed for completion
01	Supply and laying of UG Telephone cable from Technology Telecom Centre to newly constructed Nalanda Class room Complex along with internal telephone cabling other associated works.	3233790.0	65000.0	Three months

Cost of tender paper is Rs.500.00 each (NOT REFUNDABLE) in the form of DD only in favour of IIT, Kharagpur, payable at Kharagpur to be submitted with Technical bid.

Time and Date of submission of tender	13.04.17	2:30 PM
Time and date of opening of technical bid	13.04.17	3:30 PM
Time and date of opening of price bid	Will be notified later on	

The earnest money should be deposited along with the tenders in the form of DD only in favour of IIT, Kharagpur payable at Kharagpur. Tender submitted without EMD and tender cost DD will be rejected. The Institute has the right to reject any tender or all without assigning any reason.

The sealed tender should consist of the three separate sealed envelopes consists of following:- (i) Technical bid (ii) Price bid (iii) EMD

The tender document (consisting of specifications, the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract and other documents / drawings, if any) can be downloaded from the Central Public Procurement Portal of Government of India <https://eprocure.gov.in> & Institute's website <http://iitkgp.ac.in/topfiles/tenders.php>. The institute shall not be responsible for any delay / difficulties / inaccessibility of downloading facility for any reason whatsoever. In case of any discrepancy between the tender documents downloaded from internet and the master copy available in this office, the master copy shall prevail and will be binding on the tender(s). No claim on this account will be entertained.

Eligibility Criteria

Credential to execute one similar work costing not less than 80% of the estimated cost or two similar work each costing not less than 50%of the estimated cost or three similar work each costing not less than 40% of the estimated cost in last five years ending last day of the month previous to the one in which the tenders are invited.

Engineer (Telephone)

Technical Bid

The following documents are to be submitted in Technical bid: -

1. PAN
2. Company Trade License
3. VAT
4. Give make of the cables and other items quoted on company's letter pad in the form of Un priced price bid.
5. Completion certificate(s) of competent authority (where the work has been executed) as per eligibility criteria given in NIT
6. Income Tax return of last three years
7. Original Tender Document – Except price bid. (Stamped & Signed in all pages)

**Office of the Engineer(Telephone)
Technology Telecom Centre
Indian Institute of Technology**

IIT/TTC/ENQ/ CABLE/2016-2017/1
Last Date of Submission: 13.04.2017

DATE: 1-3-2017
Date & Time of Opening: 13-4-2017, 15:30

Sealed Quotations are invited from reputed/enlisted contractors of Indian Institute Technology, Kharagpur/BSNL/MES and other bonafied agencies, for the following work. Quotations will be received by the office of the Engineer (Telephone), Technology Telecom Centre, IIT, Kharagpur, up to 14:30 hrs.

Sl. No.	Description of the work	Volume of the work	Approx Quantity
1.	Supply and laying of UG Telephone cable from TTC to newly constructed Nalanda Class Room Complex along with supply and laying of internal telephone cabling and other associated works.	1. Supply of 0.5mm 200 pair armoured PIJF underground Telephone cable. 2. Supply of 0.5mm 100 pair armoured PIJF underground Telephone cable. 3. Supply of 0.5mm 50 pair un-armoured PIJF underground Telephone cable. 4. Supply of 0.5mm 20 pair un-armoured PIJF underground Telephone cable. 5. Supply of 0.5mm 10 pair un-armoured PIJF underground Telephone cable. 6. Supply of 0.5mm 50 pair PVC indoor Telephone cable. 7. Supply of 0.5mm 20 pair PVC indoor telephone cable 8. Supply of 0.5mm 2 pair PVC indoor telephone cable 9. Supply and laying of pipe/casing for laying of 20 pair cable 10. Supply and laying of pipe/casing for laying of 2 pair cable 11. Drilling of wall to lay the cable inside the classroom / corridors 12. Supply and fixing of RJ-11 rosset box 13. Supply and fixing of 50 pair Krone DB box 14. Supply and fixing of 20 pair Krone DB box 15. Supply and fixing of 10 pair Krone DB box 16. Supply of Krone (Disconnecting type) DB of 200 pair capacity 17. Supply of Krone (Disconnecting type) DB of 100 pair capacity 18. Supply of Krone (Disconnecting type) 100 pair capacity, with Back Mounting Frame. 19. Laying of cable in Duct after opening the duct covers	1580mtr. 900 mtr. 600 mtr. 200 mtr. 400 mtr. 250 mtr. 200 mtr. 2000 mtr. 200 mtr. 2000 mtr. 100 no. 140 nos. 11 nos. 06 nos. 13 nos. 1 no. 2 no. 8 set 600 mtr.

	<p>20.Digging of Trench from TTC to newly constructed Nalanda Class room complex..the trench will be of 3ft depth and 1ft width. After laying the cable the trench should be refilled by mud and duly rammed.</p> <p>21.Laying of cable in trench</p> <p>22.Providing and laying of 1st class bricks in the trench on the cable (12 bricks per meter).</p> <p>23.Filling of ordinary sand above and below of cable</p> <p>24.Road boring</p> <p>25.Supply of suitable GI pipe for(200/ 100) pair armored cable (4'' pipe)</p> <p>26.Cleaning and saddling of cable.</p> <p>27.Termination of pair</p> <p>28. Supply of Piller box of height 2.5' length 2' width 1' and Bakelite sheet of 6mm thickness for termination of 200 pair telephone UG cable Construction of foundation of Pillar box of 200 pair Dimension height 4'Xlength 3.5'Xwidth 2' (The height should be 1' below the ground level) After termination of cable the hollow inside area should be filled up with sand.</p>	<p>1500 mtrs</p> <p>1500mtrs.</p> <p>1500 mtr.</p> <p>1500 mtr. 70mtr.</p> <p>100 mtr.</p> <p>54nos 2500 nos</p> <p>02 no.</p>
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Note:- Sample Piller box may be seen at TTC.

Enginner(Telephone)

TERMS AND CONDITIONS

1. Before filling the tender the bidder should visit the site.
2. **Rate:** The rate quoted must be net, inclusive of packaging, forwarding, freight and all other incidental charges. The stores are required to be dispatched by passenger train F.O.R. Kharagpur or by road transport and delivered to this Institute under Supplier's own arrangement free of additional charges. The risk of damage or loss in transit, if any, will be the supplier's. Manufacturer price list wherever applicable should be submitted.
EXCISE Duties & Sale Tax: Rates inclusive of Excise Duty and Sales Tax will be preferred. However where quoted separately, the advalorem rate should be clearly cited with relevant Act and Rules.
The bidder should quote in figures as well as in words the rate and the amount tendered by them.
Rates quoted by the bidder in item rate, in figures and in words shall be accurately filled in so that there is no discrepancy is found, the rates, which correspond with the amount worked out by the bidder shall be taken as correct.
If the bidder does not work out the amount of an item or it does not correspond with the rate written either in figures or in words that the rates quoted by the bidder in words should be taken as correct.
Where the rate quoted by the bidder in figures and in words tally but the amount is not worked out correctly, the rate quoted by the contractor will be taken as correct and not the amount.
3. **Period of Validity:** The prices quoted must remain valid for the total period of work and so no escalation of prices will be accepted during the period of execution due to any reason whatever it may be. The bid should be valid for 90 days from last date of submission.
4. **Consignee:** All stores are to be consigned to the Director Indian Institute of Technology, Kharagpur – 721302(S.E. railway), West Bengal.
5. **Disposal of dispatch documents:** The railway receipt/PEB/Consignment note along with the relevant bill and three price challan each in duplicate should be dispatched to the Deputy Registrar (S&P).
6. **Quality & Specification of Stores:** The stores offered should be of best quality available unless otherwise specified conforming strictly to the specifications cited. The Institute reserves the right to reject such stores as are found unacceptable on these grounds.
7. **Terms of Payment:** Standard Institute payment procedure shall be followed.
8. **Security Deposit:** 10% of the cost of the purchase order/ work order will be kept as the security deposit for 90 days after the completion of the work.
9. **Work executing process:**
 - a) To carry the store to the site it will be responsibility of the vender.
 - b) If subcontract is being given for the whole or a part thereof the both the vender and the subcontractor will be responsible.
 - c) Detection of existing underground objects like water pipe, electrical cables, telephone cables, fiber optical cable etc before digging the trench.
 - d) The damage caused to the Institute property (Civil, Electrical, Waterworks, Telephone etc) during process of work will be sole responsibility of the vendor. It is to be repaired within 48 hours. Institute will not take any financial obligation.

- e) All material such as bricks, sand, pipes and other materials to be used in the work shall have to be got approved by the Engineer or his representative/if test is required any to be carried put at constructor's cost.
 - f) The contractor shall construct suitable go-down at the site of work for storing the materials safe against damage by Sun, rain, dampness, fire, theft etc at the own cost. He shall also employ necessary watch and ward establishment for tools and plant and other materials issued to at his own cost. No extra payment shall be made on this account.
10. Labour Clause: Institute will not take any responsibility in terms of labour strike political interference and problem with labour commission. The minimum wages to the workers should be paid as notifies by Government from time to time.
 11. Guarantee: Guarantee is to be extended after completion of the work by the contractor for a period 12 months.
 12. The institute reserves the right to accept or reject any/all quotations without assigning any reason.
 13. In case of dispute decision of Director IIT Kharagpur will be acceptable and binding for all.
 14. The bidder has to quote all the items listed.
 15. For any query write to Engineer (Telephone) Technology Telecom Centre IIT Khargapur – 721302
 16. The Tenders should be deposited at Office of Engineer(Telephone) Technology Telecom centre IIT Kharagpur (West Bengal) PIN-721302

Price Bid

Sl. No.	Volume of Work	Quantity	Rates (Rs.)	Amount
1.	Supply of 0.5mm 200 pair armoured PIJF underground Telephone cable.	1580mtr.		
2.	Supply of 0.5mm 100 pair armoured PIJF underground Telephone cable.	900 mtr.		
3.	Supply of 0.5mm 50 pair un-armoured PIJF underground Telephone cable.	600 mtr.		
4.	Supply of 0.5mm 20 pair un-armoured PIJF underground Telephone cable.	200 mtr.		
5.	Supply of 0.5mm 10 pair un-armoured PIJF underground Telephone cable.	400 mtr.		
6.	Supply of 0.5mm 50 pair PVC indoor Telephone cable.	250 mtr.		
7.	Supply of 0.5mm 20 pair PVC indoor telephone cable	200 mtr.		
8.	Supply of 0.5mm 2 pair PVC indoor telephone cable	2000 mtr.		
9.	Supply and laying of pipe/casing for laying of 20 pair cable	200 mtr.		
10.	Supply and laying of pipe/casing for laying of 2 pair cable	2000 mtr.		
11.	Drilling of wall to lay the cable inside the classroom / corridors	100 no.		
12.	Supply and fixing of RJ-11 rosset box	140 nos.		
13.	Supply and fixing of 50 pair Krone DB box	11 nos.		
14.	Supply and fixing of 20 pair Krone DB box	06 nos.		
15.	Supply and fixing of 10 pair Krone DB box	13 nos.		
16.	Supply of Krone (Disconnecting type) DB of 200 pair capacity	01 no.		
17.	Supply of Krone (Disconnecting type) DB of 100 pair capacity	2 no.		

Sl. No.	Volume of Work	Quantity	Rates (Rs.)	Amount
18.	Supply of Krone (Disconnecting type) 100 pair capacity, with Back Mounting Frame.	8 set		
19.	Laying of cable in Duct after opening the duct covers	600 mtr.		
20.	Digging of Trench from TTC to newly constructed Nalanda Class room complex..the trench will be of 3ft depth and 1ft width. After laying the cable the trench should be refilled by mud and duly rammed.	1500 mtrs		
21.	Laying of cable in trench	1500mtrs		
22.	Providing and laying of 1 st class bricks in the trench on the cable (12 bricks per meter).	1500 mtr.		
23.	Filling of ordinary sand above and below of cable	1500 mtr.		
24.	Road boring	70mtr.		
25.	Supply of suitable GI pipe for(200/ 100) pair armored cable (4'' pipe)	100 mtr.		
26.	Cleaning and saddling of cable.	54nos		
27.	Termination of pair	2500 nos		
28.	Supply of Piller box of height 2.5' length 2' width 1' and Bakelite sheet of 6mm thickness for termination of 200 pair telephone UG cable. Construction of foundation of Pillar box of 200 pair Dimension height 4'Xlength 3.5'Xwidth 2' (The height should be 1' below the ground level) After termination of cable the hollow inside area should be filled up with sand.	02 no.		
29.	Taxes			
30.	Total			