

INDIAN COUNCIL OF FORESTRY RESEARCH & EDUCATION

P.O. NEW FOREST, DEHRADUN - 248 006



TENDER DOCUMENT

No. 4-2(Vol-IX)/IT / ICFRE / 2016-17/20 Dated: 20-01-2017

FOR

Digging, Laying & Installation of LAN
Cable(Fiber/Cat-6) from NICSI empanelled vendors

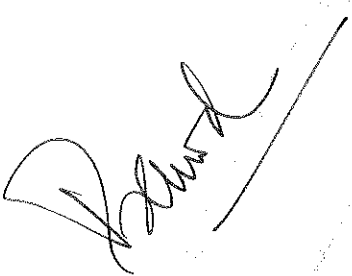
The interested NICSI empanelled companies / firms or their authorized representatives are invited in the pre-bid conference, for their suggestions in terms and conditions / technical specifications and clarification thereof. However, the Indian Council of Forestry Research and Education (ICFRE) is not bound to accept any / all suggestions and the decision of the ADG (IT&FS), ICFRE shall be final in this regard.

A revised tender document / corrigendum, containing the changes, if any, shall be available at www.icfre.gov.in of ICFRE as well on <https://eprocure.gov.in> free-of-cost, within a week after the Pre-bid conference for bid preparation and submission by the tenderer.


Assistant Director General
Indian Council of Forestry Research & Education
P.O.-New Forest, Dehradun

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Notice Inviting e-Tender



INFORMATION TECHNOLOGY DIVISION

INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION

P.O New Forest- Dehradun

(An Autonomous Body of Ministry of Environment, Forests and Climate Change, Government of India)

Tender No: 4-2(Vol-IX)/IT/ICFRE/2016-17/20

Dated 20-01-2017

E-Tender Notice

For Digging, Laying & Installation of LAN Cable (Fiber/Cat-6) from NICSI empanelled vendors

e-Tenders are invited by ICFRE, Dehradun from the eligible and reputed NICSI empanelled firms/companies having experience in Digging, Laying & Installation of LAN Cable (Fiber/Cat-6).

ADG (IT&FS)
ICFRE, Dehradun

1. **TENDER SCHEDULE**

Events	Date/Time	Venue
Published Date	25.01.2017 5.00 PM	ICFRE website and Central Public Procurement (CPP) Portal
Bid document download/Sale start date	25.01.2017 5.30 PM	CPP Portal
Pre-bid Meeting	17.02.2017 10:00 AM	Board Room, ICFRE Head Qtr, Dehradun
Bid submission start date	23.02.2017 11.00 AM	CPP portal
Bid submission end date	10.03.2017 11.00 AM	CPP portal
Opening date of technical bids	14.03.2017 11.30 AM 16.03.2017 11.30 AM	Online
Opening date for Financial bids	17.03.2017 11.00 AM	Online

2. **DEFINITIONS**

- ICFRE** means Indian Council of Forestry Research and Education, Dehradun.
- FRI** means Forest Research Institute, Dehradun
- ADG (IT&FS)**, **ICFRE** mentioned herein means the Assistant Director General (Information Technology & Forestry Statistics), ICFRE Dehradun representing ICFRE; and his official successors, nominees as may be designated by ICFRE from time to time.
- EMD** means Earnest Money Deposit
- PBG** means Performance Bank Guarantee
- SLA** means Service Level Agreement as per the parameters laid down in this document.
- Firm** means a duly registered Firm or Company registered under Indian Laws as such, and bidding for this tender.

3. **SCOPE OF WORK FOR THE FIRM**

- The Indian Council of Forestry Research and Education (ICFRE), Dehradun, Uttarakhand invites tenders in the prescribed format for Digging, Laying & Installation of LAN Cable (Fiber/Cat-6) at FRI Campus, Dehradun
- All material to be supplied, installed and commissioned by the selected firm shall be internationally reputed brand.

4. **PERIOD OF CONTRACT**

- The date of initiation of the contract will be the date of signing of the contract.
- Vendor shall finish the work within 120 days of the contract coming in force.

Handwritten signature

5. PERFORMANCE SECURITY

- a) To ensure due performance of the contract, Performance Security in the form of Performance Bank Guarantee (PBG) from a Nationalised Bank, needs to be submitted by the successful bidder. The successful bidder shall have to submit a PBG of 10% of the total contract value. The PBG should be valid for a period of six months beyond the contractual obligations. The PBG shall be submitted in the format given in **Schedule V**.
- b) The non adherence to the terms and conditions given herein and in subsequent Memorandum of Agreement with the successful bidder shall amount to breach of contract and may lead to forfeiture of Performance Security amount in full or in part.
- c) ICFRE may forfeit the Performance Security fully / partially against any kind of recoveries to be made from the firm for non performance / mandatory repairs during and at the end of the contract.
- d) Non-fulfilment of SLAs may further invite forfeiture of Performance Security amount partially or in full.
- e) No interest shall be payable on the Performance Security amount by ICFRE.

6. GENERAL TERMS AND CONDITIONS

- a) Bidders are advised to study the tender document carefully. Submission of bids shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.
- b) Any clarifications from ICFRE or any change in requirement shall be posted on www.icfre.gov.in and <https://eprocure.gov.in>. It shall be the sole responsibility of the bidder to check for any changes of aforementioned website before submitting the bids.
- c) ICFRE shall not be responsible for non-receipt / non-delivery of the bid documents due to any reason whatsoever.
- d) The bidder shall indicate the complete address of the Firm and work along with the name(s) of the contact person(s) and their telephone / Fax / Mobile Nos.(s) and other particulars as per **Schedule III**.
- e) An EMD of Rs. 10,000/- (Rupees Ten Thousand only) in the form of Fixed Deposit Receipt or Bank Guarantee drawn on any nationalised bank in favour of D.D.O., ICFRE payable at Dehradun shall be deposited as a part of qualifying bid of the Tender. The EMD shall be returned to bidders upon finalisation of the successful bidder and award of the contract. No interest shall be payable on the EMD by ICFRE. The EMD submitted by the bidder may be forfeited at any stage, if the bidder backs out of the bidding process after submitting the bids to ICFRE or fails to accept the work order issued to the firm.
- f) The bid prices be quoted in the attached BOQ.xls only.
- g) The bidders shall be allowed to inspect area for Digging, Laying & Installation of Fiber Cable between 9.30 AM to 5.00 PM on all working days before the last date of submission of the tender. The firm shall raise a formal request for the purpose to ADG (IT&FS) for ICFRE Head Qtrs. ICFRE shall not be responsible for any cost incurred on such inspections.
- h) Acceptance of the bid shall be communicated to the successful bidder by a formal Letter of Intent (LoI).
- i) **Within thirty days** of issue of Letter of Intent (LoI) the successful bidder shall :
 - Sign a contract with ICFRE for 'Digging, Laying & Installation of Fiber Cable', on a stamp paper of Rs. 100/- to be furnished by the firm.



- Furnish a Performance Security (as per the Schedule V) issued by a Nationalised Bank in favour of DDO, ICFRE, Dehradun, having validity of six months beyond the date of expiry of the Contract, for an amount equivalent to 10% of the total contract value.
- j) Immediately after finalisation of the Contract, the vendor shall start the work and finish within 120 days of the contract coming in force.
- k) Commencement of Assignment shall be as per the Memorandum of Agreement (Contract) formalized with the successful firm.
- l) The Vendor shall use genuine/OEM components wherever needed and the vendor shall not use sub-standard/duplicate components under any circumstances.

7. THE CONTRACT

- a) The General Terms and Conditions and the Service Level Agreement (SLA) shall form the part of the contract.
- b) If any part of the contract does not correspond or agree with any other part, or if any question arises as to the meaning of the terms of the contract or as to the performance of the work, ADG (IT&FS), ICFRE shall determine the matter and his/her decision shall be final and binding upon the parties to the contract.
- c) The contract when executed by the parties hereto shall constitute the entire contract between the parties in connection with the works covered, and shall be binding upon the parties hereto or upon either of them unless the said modification shall be in writing and duly executed by ICFRE and the firm.
- d) The contract shall not be assigned or sublet in whole or in part by the firm.
- e) The Assistant Director General (IT&FS), ICFRE shall have the powers to cancel the contract at thirty days notice, if the services provided by the firm are found unsatisfactory or for any other violations of the contractual obligations on the part of the firm and may lead to forfeiture of Performance Security in part or in full.
- f) No variation in or modification of the terms of the contract shall be made except by written amendment signed by both the parties i.e. the successful bidder and the ADG (IT&FS), ICFRE.
- g) The contract shall not be deemed an asset in any form by the firm.

8. PAYMENT TERMS

- i) The ICFRE will pay 100% (Hundred percent) of the cost after successfully completion of work.
- ii) The taxes should be indicated separately in the bid and will be payable as per the Government Law. Any change in government taxation policy will be applicable.
- iii) The ICFRE shall deduct such taxes, duties and any other statutory levies imposed by the Government on such charges as may arise from the implementation of the contract agreement.
- iv) The Assistant Director General (IT&FS) reserves the right of addition and exclusion of any work, as and when required, under intimation to all concerned. The payment shall be made on the basis of actual work carried out. Addition of equipment shall be given due consideration and the payment adjusted accordingly.
- v) The payment is subject to TDS as per Income Tax Rules / Laws.
- vi) No legal proceedings to enforce any claim and no suite arising out of this contract shall be instituted except in a court of competent jurisdiction over Dehradun, Uttarakhand.

vii) If the firm violates any of these terms and conditions, the Performance Security shall be liable for forfeiture, wholly or partly, as decided by Assistant Director General (IT&FS), ICFRE and the contract may be terminated.

9. SERVICE LEVEL AGREEMENT (SLA)

The firm has to finish the work within 120 days after signing the contract. Rs 1000/- per day penalty will be levied for any delay.

10. ARBITRATION

Except where otherwise provided in the contract all questions and disputes whatsoever in any way arising out of or relating to the contract or otherwise concerning the work or the execution or failure to execute the same whether arising during the progress of the Contract or after the completion or abandonment thereof shall be referred to the sole arbitration of the person appointed by the Director General, Indian Council of Forestry Research & Education, (DG, ICFRE) Dehradun on his behalf at the time of dispute. There shall be no objection to any such appointment that the arbitrator so appointed is an employee of ICFRE, or government servant or that he/she had to deal with the matters to which the contract relates or that in the course of his/her duties as an employee of ICFRE, or government servant, he had expressed views on all or any of the matters in dispute of differences. The arbitrator to whom the matter is originally referred being transferred or vacating his/her office or being unable to act for any reason, shall be replaced by another person as decided by DG, ICFRE, to act as arbitrator in accordance with the terms of the contract. Such person shall be entitled to proceed with the reference from the stage at which it was left by his/her predecessor. It is also a term of this contract that no person other than a person appointed by the Director General, ICFRE should act as arbitrator. The matter is not to be referred to arbitration at all in all cases where the amount of the claim in dispute is Rs. 50,000/- and below.

Subject as aforesaid, the provisions of the Arbitration and Conciliation Act 1996 or any statutory modifications or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

Services under the contract shall, notwithstanding the existence of any such dispute, question or controversy, continue during arbitration proceedings and no payment, due or payable by ICFRE or the firm shall be withheld on account of such proceedings unless such payments are the direct subject of the arbitration. Reference to arbitration shall be a condition precedent to any other action at law.

11. FORCE MAJEURE

- i) The performance of the obligations of either party under this Agreement is subject to Force Majeure.
- ii) If a Force Majeure situation arises, either party shall promptly notify to the other party in writing of such conditions and the cause thereof. Unless otherwise directed by ICFRE in writing, the vendor shall continue to perform its obligations under this agreement, as far as it is reasonably practical. Either party reserves the right to terminate this contract,



without any additional liabilities to either party, if the Force Majeure period continues for more than 120 (One hundred and twenty days).

12. PRE-BID MEETING

- a) Pre-bid meeting shall be held as per tender schedule given in this document.
- b) **The bidders interested in attending the pre-bid meeting would submit their request for participation on the email id head it@icfre.org at least two days before the scheduled date and time of the meeting.**
- c) The queries of bidder, if any, required to be taken up during the meeting, should be communicated along with the request for participation to the above email id. The format for submitting queries by email is given below and only these queries shall be taken up during the pre-bid meeting.

S.No.	Document Reference	Page No	Clause No	Description in Tender Document	Clarification Sought	Additional Remark (if any)

- d) Replies to all the clarifications, modifications received through email may be posted on ICFRE's website www.icfre.gov.in. Any modification to the Bidding Documents which may become necessary as a result of such queries shall be made by ICFRE by issuing an Addendum, which shall be hosted on ICFRE's website and CPP portal.

13. PREPARATION AND SUBMISSION OF PROPOSAL


- i) Online bids are to be submitted under two Cover systems i.e. Cover 1 and Cover 2. All the pages of bid being submitted online must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.
- ii) The proposal should not have any interlineations or overwriting except as necessary to correct errors made by the concerned themselves, in which cases such corrections must be initialed by the person or persons authorised to sign the proposal. No Financial Bid items pertaining to this tender shall be submitted as part of the qualifying documents and/or in the technical bid stage. In case of violation of this condition, the bid shall be rejected and no communication shall be entertained in this matter.
- iii) The completed proposal must be submitted mandatorily online at CPP portal https://eprocure.gov.in/eprocure/app after going through the terms and conditions given thereof. The offers submitted by Fax/email/offline shall not be considered and no correspondence shall be entertained in this matter.
- iv) The tender is not transferable. No assignment and sub contracting is permitted.
- v) Validity of offer shall be 120 days from the last date of submission of bids.
- vi) While submitting the bid, the bidder shall be deemed to have read, understood and accepted all the terms and conditions stated in this Tender Document.
- vii) Assistant Director General (IT&FS), ICFRE reserves the right to reject any or all tenders without assigning any reasons.

- viii) The authority for the acceptance of the tender shall rest with the ICFRE. It shall not be obligatory on the authority to accept the lowest tender or any other tender and no tenderer(s) shall demand any explanation for the cause of rejection of his/their tender nor shall ICFRE undertake to assign reasons for declining to consider or reject any particular tender or tenders.
- ix) Conditional tenders are liable to be rejected.

Cover 1. Technical Bid

The Technical bid documents should be uploaded in CPP portal: <https://eprocure.gov.in/eprocure/app> as indicated below. The authorized representative of Tenderer/Bidder has to sign the following documents on each page and the scanned copy of the documents in pdf format to be uploaded in CPP portal for qualifying in the bidding process:

- i) **Tender Fee:**-The tender form downloaded from CPP portal must include Rs. 1000/- (Rupees One thousand only) by crossed Demand Draft (DD) in favour of DDO, ICFRE, Dehradun payable at Dehradun as tender fee along with the tender submitted and the scanned copy of the same shall be uploaded in the CPP portal for records and reference. It is non-refundable. The hard copy DD towards Tender fee shall be send to ADG (IT & FS), Room No 31, ICFRE HQ, Dehradun-248006 and must be received on or before the last date/time of bid submission.
- ii) **EMD of Rs 10,000/-** (Rupees Ten Thousand only) in the form of Fixed Deposit Receipt (FDR) drawn on nationalised bank in favour of DDO, ICFRE payable at Dehradun as EMD along with the tender submitted and the scanned copy of the same shall be uploaded in the CPP Portal for records and reference. The hardcopy of FDR towards EMD shall be send to ADG (IT & FS), Room No 31, ICFRE HQ, Dehradun-248006 and must be received on or before the last date/time of bid submission.
- iii) Documentary proof of having authorization from Original Equipment Manufacturer (OEM) for supply and installation of LAN Cabling.
- iv) The bidder should be a firm registered under Companies Act, 1956 / 2013 for the last five years.
- v) The firm should have minimum annual turnover of Rs. 5 Cr. during the last three financial years. (2013-14, 2014-15, and 2015-16) and it shall be a profit (profit after tax) making firm in at least two financial years between 2013 and 2016. The annual turnover and P&L statements certified by a qualified Chartered Accountant are to be submitted.
- vi) Existing Staff Strength of the firm, certified by the HR Head of the firm.
- vii) Copy of Firm's Registration / Partnership Deed / Power of Attorney.
- viii) Proof of Sales Tax / VAT / Income Tax Registration and proof of Sales Tax/ VAT/Service Tax paid for the latest assessment year.
- ix) PAN/TAN allotted to the company by the Income Tax Department.



- x) Clearance certificate from Income Tax department for last financial /assessment year or Income Tax Returns.
- xi) Authorisation for signing the tender documents/bids.
- xii) Particulars of the Firm as per **Schedule III**.
- xiii) Bid Proposal Sheet as per **Schedule IV**.
- xiv) The composition of the proposed staff/team to be engaged.
- xv) Assignment of similar nature and magnitude successfully completed during last three years as per **Schedule II**. Enclose copies in work order and documents in support of rendering satisfactory services of the assignments detailed in the schedule. **Similar assignments undertaken in Government Organisations shall be given preference during evaluation.**
- xvi) Certificate to the effect of having adequate Test and Measuring Instruments available on hand (own) and proposed to be inducted (own & hired to be given separately) for the subject work.
- xvii) A Certificate to the effect that the company is in the business of laying and installation of fiber cable with relevant documentary proof.
- xviii) Declaration in respect of Non-black listing of the firm.
- xix) The bidding firm should be on the empanelment of National Informatics Centre Services Incorporated (NICSI), New Delhi. Enclose copy in support of the same.
- xx) This tender document duly sealed and signed by the authorized signatory on every page and enclosed.
- xxi) Any other documents in support of technical details.

Note: -

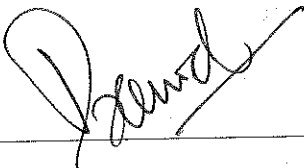
a) The details of above Documents may be mentioned in Annexure 2.

b) The physical copy of DD/FDR towards tender fee and EMD respectively shall be submitted to the specified address on or before the last date/time of bid submission.

c) In absence of scanned and signed copy of required qualifying items as specified above - the tender would be considered as invalid.

Cover 2: Financial Bid

- (a) The financial proposal must be submitted in the Schedule of financial bid in the form of BoQ.xls separate for each item - though the CPP portal: <https://eprocure.gov.in/eprocure/app>.
- (b) Full details of business terms and conditions, e.g. levies, octroi etc., if any other information relevant to the services may please be indicated clearly.
- (c) Prices shall be quoted in INDIAN RUPEES. The taxes may be indicated separately in the bid and will be payable as per the Government Law. Any change in government taxation policy will be applicable.
- (d) TDS shall be made as per Income Tax Laws.



14. PROPOSAL EVALUATION

The opening, checking, evaluation of bids at various stages shall be done by an evaluation committee appointed by the ICFRE. The following procedure shall be adopted in evaluating the proposals:-

a) **Checking of Technical Documents for Technical evaluation**

At first the technical Bid shall be opened and checked for documents. Any disqualification in this round shall result in disqualification of the whole bid in toto.

Technical evaluation shall be done based on the evaluation criteria and point system given below.

Technical evaluation criteria is given below:

a)	Firms with relevant experience (including similar jobs in hand) and ISO Certification for Services, if any.	60
b)	Technical qualifications of the key staff proposed including their experience.	40
Total Score for Technical Proposal		100

Note: - The proposal must score at least 70 points out of 100 in the technical evaluation to be considered for financial evaluation.

b) **Financial Evaluation**

1. Financial bids of only those firms which pass technical evaluation stage shall be considered for Financial evaluation.
2. The evaluation committee shall determine if the financial proposals are complete and without computational errors. The total cost quoted in BOQ.xls (**Total Cost of Financial Proposal as per Schedule VI**) shall be considered for financial evaluation. The lowest financial proposals (FM) submitted by any of the participating bidders under this tender process shall be selected for the award of the contract.


Assistant Director General (IT&FS)

**FORMAT OF CURRICULUM VITAE (C.V.)
FOR PROPOSED KEY STAFF OF THE FIRM**

Proposed Position :
Name of Firm :
Name of Staff :
Profession :
Date of Birth :
Years with Firm : Nationality :
Membership of Professional Societies :

Details of Tasks Assigned :
Key Qualifications :

(Give an outline of staff member's experience and training most pertinent to task on assignment. Describe degree of responsibility held by staff member on relevant previous assignments and give dates and locations. Use up to half of a page).

Technical Qualification :

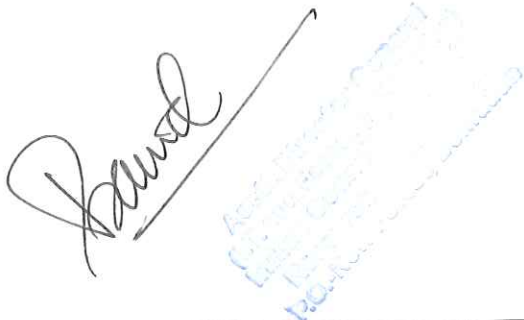
(Summarize specialized qualification of staff member, giving names of institutes organisations, attended and degrees, diploma, certificates obtained. Use up to quarter page).

Employment Record :

(Starting with present position, list in reverse order, every employment held. List all positions held by staff member since graduation, giving dates, names of employing organization, title of positions held and location of assignments. For experience in last ten years, also give types of activities performed and client references, where appropriate. Use up to three quarters of a page).

Signature of the proposed key staff be attested by the employer firm.

CVs of different staff may please be given in different sheets in this format and may please be attached herewith.



**ASSIGNMENT OF SIMILAR NATURE & MAGNITUDE SUCCESSFULLY COMPLETED
DURING LAST 3 YEARS BY THE FIRM**

Outline of recent experience on assignments of similar nature

Sl. No.	Name of assignment	Description	Cost of assignment	Date of commencement	Date of completion	Was assignment satisfactorily completed (Attach documentary proof in support)	Address of organisation with Phone No. where assignment done
1	2	3	4	5	6	7	8

Note : The bidder may use separate sheet if required.

Signature of Bidder :.....

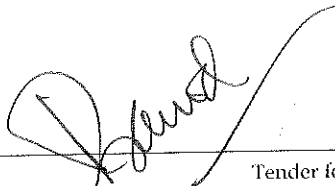
Name :

Seal :



PARTICULARS OF THE FIRM

1. Name of the company/firm : _____
2. Head / Regd. Office Address : _____
 - a) Postal : _____
 - b) Fax. No. : _____
 - c) Telephone No.s (s) : _____
 - d) E-mail Address : _____
 - e) Website Address : _____
3. Former name of company/firm (if any) : _____
4. Dehradun Office Address : _____
 - a) Postal : _____
 - b) Fax. No. : _____
 - c) Telephone No.s (s) : _____
 - d) E-mail Address : _____
5. Type of Organization : Individual / Partnership / Incorporated
6. Service Centre Details :
 - a) Postal Address : _____
 - b) Contact Person (s) : _____
 - c) Fax No. : _____
 - d) Telephone No. (s) : _____
 - e) Mobile No. : _____
 - f) Working Hours : _____
 - g) E-mail Address : _____
7. (i) Year of establishment : _____
ii) Year in which network : _____
implementation work started



8. Amount of Tender Fee deposited
- a) DD No. : _____
- b) Name of Bank : _____
- c) Amount : _____
- d) Date : _____
9. Amount of EMD deposited
- a) Fixed Deposit Receipt No.: _____
- b) Name of Bank : _____
- c) Amount : _____
- d) Date : _____
10. Period of validity of tender : _____
11. Details of supporting documents enclosed : _____
: _____
: _____
12. Name and address of the authorized signatory / contact person for this tender : _____
: _____
: _____
13. Whether letter of Authority for attending bid opening enclosed with tender ? : _____
14. Whether PAN certificate attached ? : _____
15. Sales Tax / VAT Regd. No. : _____
16. Whether the company/firm has ISO Certification ? : _____
If yes / whether document attached in technical bid.

Signature of Bidder :.....
Name :
Seal :

Date :
Place :



BID PROPOSAL SHEET

Tenderer's Proposal Reference No. & Date: _____

Tenderer's Name & Address : _____

Person to be contacted : _____

Designation : _____

Telephone No. E-mail: Fax No: _____

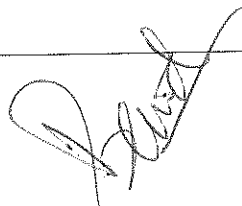
To:

**The Assistant Director General (IT&FS)
Directorate of Administration,
Indian Council of Forestry Research & Education
P.O. New Forest, Dehradun - 248006**

Sub: Digging, Laying & Installation of Fiber Cable.

Dear Sir,

1. We, the undersigned Tenderer(s), having read and examined in detail the bidding documents in respect of the above cited maintenance contracts as specified in the tender document.
2. All the prices mentioned in our proposal are in accordance with the terms as specified in the tender document. All the prices and other terms and conditions of this proposal are valid for a period of 120 calendar days from the last date of submission of bids.
3. We do hereby confirm that our bid prices include all taxes including Income Tax, Professional Tax and Service Tax etc.
4. We have studied the Clauses relating to Indian Income Tax and hereby declare that if any Income Tax, Surcharge on Income Tax and any other Corporate Tax is altered under the law, we shall pay the same.
5. We have enclosed the earnest money in the form of Fixed Deposit Receipt amounting to **Rs. 10,000/-** (Rupees Ten Thousand only), it is liable to be forfeited in accordance with the provisions of tender document.
6. We further declare that the prices stated in our proposal are in accordance with your terms & conditions in the tender document.
7. We confirm having submitted in qualifying data as required by you in your tender document. In case you require any further information /documentary proof in this regard before evaluation of our bid, we agree to furnish the same in time to your satisfaction.
8. We hereby declare that in case the contract is awarded to us, we shall submit the Performance Security equivalent to 10% of the total contract value in the form of Bank Guarantee as per terms of tender document.
9. We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct to the best of our knowledge & belief.



10. We understand that you are not bound to accept the lowest or any bid you may receive or to place part order or to reject any bid or to cancel the tender without assigning reason whatsoever.

Yours sincerely,

(Signature)

Date:
Place:

Name:
Designation:
Business Address: Seal

A handwritten signature in black ink, appearing to read "Ravi", written over a horizontal line.

PROFORMA FOR PERFORMANCE SECURITY

(To be formulated on the Rs. 100/- non-judicial stamp paper by the issuing bank)

Ref : _____ Bank Guarantee : _____

Date : _____

Dear Sir,

In consideration of Indian Council of Forestry Research and Education, Dehra Dun (Hereinafter referred as the 'ICFRE', which expression shall, unless repugnant to the context of meaning thereof include its successors, administrators and assigns) having awarded to M/s _____ (hereinafter referred to as the vendor, which expression shall, unless repugnant to the context of meaning thereof include its successors, administrators and assigns) resulting in a Contract Valued for _____ hereinafter called the 'Contract' and the ICFRE having agreed to make an advance payment to the firm for performance of the above contract amounting to _____ (in words and figures) as an advance against Bank Guarantee to be furnished by the firm.

We _____ (Name of Bank) having its Head Office at _____ (hereinafter referred to as the Bank), which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the ICFRE immediately on demand an or, all amount payable by the firm to the extent of _____ as aforesaid at any time upto _____ any demur, reservation, contest, resource or protest and / or without any reference to the firm. Any such demand made by the ICFRE on the Bank shall be conclusive and binding notwithstanding any difference between the ICFRE and firm or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. We agree that the guarantee herein contained shall be irrevocable and shall continue to be enforceable till the ICFRE discharges this guarantee.

The ICFRE shall have the fullest liberty without affecting in any way the liability of the Bank under the Guarantee, from time to time to vary the advance or to extend the time of performance of the Contract by the firm. The ICFRE shall have the fullest liberty without affecting this guarantee, to postpone from time to time the exercise or any powers vested in them of any right which they might have against the vendor and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the ICFRE and firm any other course or remedy or security available to the ICFRE. The bank shall not be relieve of its obligations under these presents by any exercise by the ICFRE of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the ICFRE or any other indulgence shown by the ICFRE or by any other matter or thing whatsoever which under lay would but for this provision have the effect of relieving the Bank.

The Bank also agrees that the ICFRE at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the vendor and



notwithstanding any security or other guarantee that the ICFRE may have in relation to the firm's liabilities.

Notwithstanding anything contained herein above our liability under the guarantee is limited to _____ and it shall remain in force upto and including _____ and shall extend from time to time for M/s _____ on whose behalf this guarantee has been given.

Dated this day of _____ 201__ at _____

Signature & Seal of Authorised Signatory of Bank

A handwritten signature in cursive script, appearing to read "Bansal", written over a horizontal line.

Financial Proposal For Digging, Laying & Installation of LAN Cable.

The financial bid should be in a separate "Cover 2"

#	Description of Materials	Quantity	Cost per unit (Rs)	Taxes (in %)	Total Cost (Rs)
1	Digging, laying, termination, commissioning & Installation Charges for Fiber Cable in the FRI campus as per industry standards.	3500 Meters			
2	Laying of Cat-6 cable	9000 meters			
3	I/O box	200			
4	Plastic conduits	7000 meters			
5	RJ45 jacks	200			
6	Cat 6 Patch Cord 3metre	200			
7	Fibre Patch Cord 3 metre	11			
8	Fiber LIU	7			
Total Cost for Fiber laying in Campuses (Rs)					

Note: Quantity mentioned above is approximate and payment will be made as per actual work.

Signature of Bidder :

Name :

Seal :



Annexure I – Specification for CAT 6A Cables and Fiber Optic Cable

#	A. Specifications for CAT 6A E/UTP Cables and Associated Components	Compliance (Yes/No)
1	Power Cat 6A E/UTP CM 4 Pair Cable, 500m Reel	
	Category 6A shielded Twisted Pair 4 pair cable shall be compliant with ANSI/TIA/EIA-568-C.2 for supporting 10G applications U/FTP	
	Conductor Size : 23 AWG	
	Screen material: Laminated Aluminium	
	Drain Wire material: tin-coated copper	
	Sheath Type: Low Smoke Zero Halogen (LSZH)	
	Commercial Standards :ANSI/TIA/EIA-568-C.2 and ISO/IEC 11801 A1.1	
	Transmission Properties and Electrical Specifications tested minimum up to 500 Mhz and verified by ETL	
	Should be verified by ETL and Bidder has to submit the ETL certificate along with the Bid	
	Bidder to submit Cat 6A channel report verified by ETL	
2	Face Plate Singlex 3 x 3 inches with Back Box	
	Single Gang square plate, 86mmx86mm	
	Write on labels in transparent plastic window – supplied with plate	
	Screw hole covers – to be supplied with plate	
	Plug in Icons – Icon tree – to be supplied with plate	
	Should be able to support variety of jacks – UTP, STP, Fiber, Coax etc.	

#	B. Specification for Fiber Optic Cable	Compliance (Yes / No)
1	The OFC shall be from internationally reputed brands	
2	OFC should be TEC approved and the minimum expected life of the cable shall not be less than 25 years. The SI has to submit the Manufacturer Test reports along with OFC.	
3	6/12 Core – 9/125 Micron Single Mode Outdoor Fiber Cable	
4	Attenuation o at 1310 nm ≤ 0.34 dB/KM o at 1550nm ≤ 0.22 dB/KM	
5	Maximum Tensile Strength Short term : 1000N	
6	Maximum Crush resistance Short term : 2000N/10CM	
7	Operating Temperature : -10° C to + 70°C	
8	Sheath : UV Stabilized HDPE	
9	Over all Cable Diameter : 9.5 mm- 10 mm	
10	Fiber Tube Identification : Single Tube	
11	No. Of Elements : 5	
12	Fiber Protection(Tubes) : Polybutylene terephthalate(PBT)	

Tender for Digging, Laying & installation of Single Mode Fiber cable # 21



#	B. Specification for Fiber Optic Cable	Compliance (Yes / No)
13	Peripheral Strength Member : Two Steel Wires	
14	Mass(Nominal) : 95 Kg/Km	
15	Core Wrapping : Polyethylene Terephthalate	
16	Inner Sheath : Polyethylene	
17	Armouring : Copolymer Steel tape Armor	
18	Sheath : HD Polyethylene (UV Stabilized)	
19	Water Blocking : Thixotropic Gel ROHS Complaint	
20	ISO/IEC 11801 : 2002 -2nd Edition, Type OS1	
21	ITU-T REC G 652D spec for Low Water Peak fiber, TIA 568, EIA 455	
22	AS/ACIF S008; AS/NZS 3080	
23	Max. Bending Radius (during installation) : 20D	
24	Max. Bending Radius (during full load) : 10D	
25	Joint indicators for OFC cable are to be placed for every OFC joint.	
26	OFC cable has to be spliced and jointed wherever required and tested by the SI	
27	OFC cables to be terminated fully for all cores in proper LIU's using SC Adapter plates / couplers and pigtails. Please include the Sub Components and Unit Prices in offer.	
28	OFC shall support at least 10 Gbps on TCP/IP LAN based on the bandwidth available at the institutions/centers.	
#	Specification for Specification for Fiber LIU	Compliance (Yes/No)
1	Metal Box	
2	19" Rack Mountable Cabinet	
3	Cold Rolled Steel Construction	
4	Material: Powder Coated Steel Body.	
5	Accommodation : 24 port for SC and 48 Port for LC Interface	
6	Fusion Splice/Mechanical Splice	
7	6 Rubber Grommets are provided at cable entry points for tight sealing	
8	Dimensions : 45mm H x 485mm W x 255mm D	
9	LIU Should be provided with Lock & Key	
10	ROHS Compliant	




Annexure II – Details of Technical Documents

SNo	Details of Qualifying Document	Compliant (Yes/No)	Page No
1	Tender Fee		
2	EMD of Rs 10,000/- (Rupees Ten Thousand only)		
3	Documentary proof of having authorization from Original Equipment Manufacturer (OEM) for supply and installation of LAN Cabling.		
4	The bidder should be a firm registered under Companies Act, 1956 / 2013 for the last five years		
5	The firm should have minimum annual turnover of Rs. 5 Cr. during the last three financial years. (2013-14, 2014-15, and 2015-16) and it shall be a profit (profit after tax) making firm in at least two financial years between 2013 and 2016. The annual turnover and P&L statements certified by a qualified Chartered Accountant are to be submitted.		
6	Existing Staff Strength of the firm, certified by the HR Head of the firm.		
7	Copy of Firm's Registration / Partnership Deed / Power of Attorney.		
8	Proof of Sales Tax / VAT / Income Tax Registration and proof of Sales Tax/ VAT/Service Tax paid for the latest assessment year.		
9	PAN/TAN allotted to the company by the Income Tax Department.		
10	Clearance certificate from Income Tax department for last financial / assessment year or Income Tax Returns.		
11	Authorisation for signing the tender documents/bids.		
12	Particulars of the Firm as per Schedule III .		
13	Bid Proposal Sheet as per Schedule IV .		
14	The composition of the proposed staff/team to be engaged, the task, which would be assigned to each, and their timing.		
15	Assignment of similar nature and magnitude successfully completed during last three years as per Schedule II . Enclose copies in work order and documents in support of rendering satisfactory services of the assignments detailed in the schedule. Similar assignments undertaken in Government Organisations shall be given preference during evaluation.		



16	Certificate to the effect of having adequate Test and Measuring Instruments available on hand (own) and proposed to be inducted (own & hired to be given separately) for the subject work.		
17	A Certificate to the effect that the company is in the business of laying and installation of fiber cable with relevant documentary proof.		
18	Declaration in respect of Non-black listing of the firm.		
19	The bidding firm should be on the empanelment of National Informatics Centre Services Incorporated (NICSI), New Delhi. Enclose copy in support of the same.		
20	This tender document duly sealed and signed by the authorized signatory on every page and enclosed.		
21	Any other document		


 (Chief Director, Central
 Indian Forestry Institute)
 Research & Planning
 P.O.-New Forest, Jaipur