

**INDIAN COUNCIL OF FORESTRY RESEARCH AND
EDUCATION**

P.O. NEW FOREST, DEHRADUN - 248 006



TENDER DOCUMENT No. 4-59/ IT /ICFRE/2015-16/27 Dated 03.02.2016

**eTENDER FOR
CONSULTANCY ON PREPARATION OF EOI/RFP,
SELECTION OF VENDOR FOR CONTINUITY OF ICFRE
DATA CENTRE (SERVER FARM) from NICSI
empanelled vendors**

Tender documents may be downloaded from ICFRE web site <http://icfre.gov.in> (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule given in tender critical date sheet.

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1.TENDER SCHEDULE

Events	Important date/time	Venue
Published Date	9/2/2016; 6:00 PM	ICFRE website and CPP portal
Bid document download/Sale start date	9/2/2016; 6:00 PM	Central Public Procurement Portal (CPPP)
Bid submission start date	9/2/2016; 6:00 PM	CPP portal
Bid submission end date	29/2/2016; 2:30 PM	CPP portal
Opening date of Technical bids	29/2/2016; 3.00 PM	Online
Opening date for Financial bids	8/3/2016; 11 AM	Online

The Tender may be either modified or cancelled at the discretion of the Asstt. Director General (IT&FS), ICFRE without assigning any reason.

2) INSTRUCTIONS TO THE BIDDERS

The Indian Council of Forestry Research & Education (ICFRE), Dehradun, an autonomous council of the Ministry of Environment Forests and Climate Change , Govt. of India, invites etender from consultants (hereafter referred as 'Agencies') for consultancy on PREPARATION OF EOI/RFP, SELECTION OF VENDOR FOR CONTINUITY OF ICFRE DATA CENTRE (SERVER FARM).

1. The tender must be in English.
2. Non-refundable Earnest Money Deposit (EMD) in the form of demand draft of Rs 10,000.00 (Rupees Ten Thousand only) drawn in the name of DDO, ICFRE, Dehradun payable at Dehradun. :
3. The bid prices for Providing Consultancy as per the scope of work.

3) SCOPE OF WORK

The ICFRE Server Farm was established in 2007-08 for consolidating Information & Communication Technology (ICT) services running in ICFRE institutes spread across the country. It provides enhanced, cost effective and centralized ICT services to different institutes of ICFRE through a WAN.

The ICFRE Server Farm is hosting the IFRIS Application and other allied key services like Messaging Service, Web Service, Database Service, Proxy

Service, DNS Service, DHCP Service, FTP Service, Backup Service, Internet Service, MPLS-VPN service, Videoconferencing, Antivirus Service, Helpdesk Service, CA EMS ISS. Around 28 websites on different aspects of ICFRE and its Institutes have been hosted on ICFRE Web Server. ICFRE Data Centre building management system (BMS) is implemented & configured for effective management, monitoring and Integration of various Non-IT equipments like Fire alarm System, Very Early Smoke Detection Appliance (VESDA) system, Rodent Controller, Water leakage detector, Access system, Surveillance system, Public Address (PA) system, cooling system. Data Centre is located at ICFRE Head Qtr, Dehradun has been functional since February 1, 2010 for six years and is being managed by Data Centre professional posted by M/s Vayam Technologies Limited, New Delhi. ICFRE Server Farm is presently supporting the services that are available to all 9 institutes and 3 centres across India. This facilitates the wide range of access to the e-Governance applications & services to ICFRE employees through Internet/Intranet and to the citizens through portals hosted here. The more detail about organisation is available at www.icfre.org / www.icfre.gov.in.

The network architecture, hardware, services, application software and other equipment details of ICFRE Data Centre are mentioned in enclosure marked as Annexure II.

Now ICFRE would like to find a viable service provider with one time upgradation with cost effective of the existing IT hardware, application and services for providing end-to-end support and Comprehensive Facility Management services as-it-is for further period of FIVE years duration, extendable for two more years as complete continuity.

The broad scope of work consists of providing the following deliverables:

- a) Preparation of EOI/RFP for the continuity of existing ICFRE Data Centre including SLAs, tools for monitoring etc.
- b) ICFRE envisaged that the requisite services to sister organisation at Dehradun like Regional Office, MoEFCC, WII, IGNFA, DFE, CASFOS, FSI could be extended through existing Server Farm at ICFRE, Head Quarters. Modalities of the cost sharing, operations and maintenance could be worked out after the proposal of sharing the Server Farm as spelt out. The EOI / RFP may contain above this provision. The consultants are expected to prepare a infrastructure architecture report which provides the methodology for sharing the Data Centre.
- c) To assist the ICFRE in selection of the cost benefits technologies for Data Centre and selection of vendor.

4) TERMS AND CONDITIONS

Definitions

In these conditions and in the contract, unless a contrary intention appears:

“Client” means the Indian Council of Forestry Research and Education (ICFRE)

“Consultant” means the person referred to as “the Consultant” in the Memorandum of Agreement.

“Memorandum of Agreement” means the Agreement executed by and between the client and the consultant in which these conditions have been incorporated by reference.

“Contract” means the Memorandum of Agreement together with these conditions and all other schedule and documents, if any, annexed to the Memorandum of Agreement or incorporated therein and intended to form part of the contractual relationship between parties.

“Services” means the duties of the consultant designated as “the Services” in the Memorandum of Agreement.

“Term of Assignment” means the schedule of duties referred to as “the Terms of Reference” in the Memorandum of Agreement.

“Project” means the project so named in the Memorandum of Agreement.

“Term of Engagement”: means the period referred to as “the Terms of Engagement” in the Memorandum of Agreement.

A. SPECIFIC TERMS & CONDITIONS

Online tender is to be submitted under two bid 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.

The offers submitted by Fax/email/offline shall not be considered. No correspondence will be entertained in this matter.

- i) Acceptance of the bid shall be communicated to the successful bidder by a formal letter of acceptance.
- ii) The consultant shall have to submit a Bank Guarantee on Rs. 100/- stamp paper for an amount equivalent to 5% of the total contract value. The Bank guarantee must be drawn in favour of the DDO, ICFRE. The format of Bank Guarantee is given in **Form V**.
- iii) The successful bidder shall be required to sign a Contract on a stamp paper of Rs. 100/- to be furnished by him within 10 (ten) days of receiving communication regarding acceptance of the bid.

- iv) The successful bidder shall submit a certificate of acceptance within 10 (ten) days of the date of award of the contract with the detailed CV's of the personnels those shall be involved in the contract.
- v) In case of a discrepancy in the quoted prices the price written in words will be taken as valid.
- vi) Bidders must have their own infrastructure.
- vii) Short-listing of a bidders do not confer any rights on any bidder, it only means that the offer made is under consideration.
- viii) 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.
- ix) The bidder shall indicate the complete address of the Company / Office and work along with the name(s) of the contact person(s) and their telephone / Fax / Mobile Nos.(s) and other particulars as per the Proforma at **Form 3**.
- x) The bidder along with the financial bid shall furnish a certificate that the quoted prices are full and final and every thing has been included in financial bid. The financial proposal should include all overhead expenses and taxes as per the rules of the land.
- xi) The offer shall be valid for at least six month from the date of opening of the tender.
- xii) The contract term would be for a period of three months or upto the selection of new vendor. However the consultant is expected to prepare EOI/RFP and other documents in two months time.
- xiii) The Director General, ICFRE will constitute a Review Committee to review the progress of the work of consultant.
- xiv) Consultant will submit a detailed plan alongwith the deliverables before the start of consultancy on a fortnightly basis.
- xv) The consultant will submit a progress report on fortnightly basis to the Review Committee for review.
- xvi) Conditional Tenders are liable to be rejected.
- xvii) Offers submitted by telex, telegram or fax shall not be considered.
- xviii) In case of any dispute, the Director General, ICFRE shall decide the issue and his decision shall be final and binding on the parties.

B. GENERAL TERMS AND CONDITIONS

- i) During the term of engagement, the consultant project team shall devote the whole of their time and attention to the performance of the services and shall at all times act with due diligence and efficiency and in accordance with the Terms of Reference. The consultant's project team shall make or assist in making all such reports and recommendations as may be contemplated by the Terms and Reference or as may be reasonably required by the Client within the general scope of the Project, and shall at times cooperate with the Client, its employees and agents in the interest of the Project. Even after the termination of the engagement, the consultant shall continue

- to cooperate with the client to such reasonable extent as may be necessary to clarify or explain any reports or recommendations made by him / her.
- ii) At all times, the consultant shall act with appropriate propriety and discretion and in particular shall refrain from making any public statement concerning the Project or the Services without the prior approval of the Client and shall refrain from engaging in any political activity.
 - iii) Except with the written consent of the Client, he/she will not divulge to any person are use for own purposes any information relating to the services, the project or the client including information in respect of payments.
 - iv) The consultant shall report immediately to the client any accident or injury and any damage to the property of the client or to the property or person of any third parties occurring in or arising out of the performance of the services and any act, matter or thing which within his/her knowledge may have caused such accident or injury. He/ she shall also report immediately to the client any circumstances or events which might reasonably be expected to hinder or prejudice the performance or the services, including circumstances and events relating to his transportation and accommodation.
 - v) All reports, notes, drawings, specifications, statistics, plan and other documents and data compiled or made by the consultant while performing the services shall be the property of the client and upon termination of the engagement shall be disposed of as the client shall direct. The consultant may retain copies of such documents.
 - vi) After the conclusion of the Term of Engagement, the consultant shall not, without the consent of the client engage in subsequent work on or in connection with the project or arising out of the project provided, however, that such consent shall not be unreasonably withheld.
 - vii) No legal proceedings to enforce any claim and no suit arising out of this contract shall be instituted except in a court of competent jurisdiction over Dehradun, Uttarakhand.
 - viii) Commencement of Assignment shall be within (7) seven days from the date of acceptance of offer.
 - ix) The Asstt. Director General (IT&FS), ICFRE, Dehradun reserves the right without assigning any reasons thereof, to :
 - a) Accept or reject whole or any part of an offer
 - b) Reject any or all offers partly or wholly,
 - c) Cancel or withdraw the Tender notice
 - d) Accept or reject any deviations from these conditions

<p>N.B. : The Asstt. Director General (IT&FS), ICFRE, Dehradun is not bound to accept the lowest Tender or lowest part of any Tender.</p>
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5) LIST OF DELIVERABLES DURING CONSULTANCY

The key deliverables that will be provided to the client are listed below:

- a) Preparation of EOI/RFP for the continuity of existing ICFRE Data Centre including SLAs, tools for monitoring etc.
- b) ICFRE envisaged that the requisite services to sister organisation at Dehradun like Regional Office, MoEFCC, WII, IGNFA, DFE, CASFOS, FSI could be extended through existing Server Farm at ICFRE, Head Quarters. Modalities of the cost sharing, operations and maintenance could be worked out after the proposal of sharing the Server Farm as spelt out. The EOI / RFP may contain above this provision. The consultants are expected to prepare a infrastructure architecture report which provides the methodology for sharing the Data Centre.
- c) To assist the ICFRE in selection of the cost benefits technologies for Data Centre and selection of vendor.

6) PAYMENT TERMS

- a) The payment shall be made as per review of the progress of work and output in phased manner as follows:-

SNo	Milestone	Payment %age
1	On Floating of prepared EOI/RFP for the selection of new vendor for the upgradation, operation and maintenance of existing ICFRE Data Centre.	50%
2	Evaluation of EOI/RFP and Floating of RFP for the selection of new vendor.	25%
3	Evaluation of RFP for the selection of new vendor and Issue of Letter of Intent (LOI) to new vendor.	25%

Note:

1. No payment shall be made if the report under prepared EOI/RFP is not accepted by Indian Council of Forestry Research and Education (ICFRE), Dehradun.
 2. All payments to the successful Bidder shall be made by Indian Council of Forestry Research and Education (ICFRE), Dehradun upon submission of invoices along with the deliverable signoff of related documents relating to this assignment and acceptance of the deliverables by Indian Council of Forestry Research and Education (ICFRE), Dehradun.
- b) No claim on account of sales tax, service tax, VAT, work contract tax or any other taxes and duties presently in force for the services / material used for execution of the work awarded under the contract, will be entertained and all such taxes and duties shall be borne by the consultant himself.

- c) 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.
- d) The payment is subject to TDS as per Income Tax Rules / Laws.

7) DISQUALIFICATIONS

Without prejudice, the tenderers may be disqualified and its tender dropped from further consideration for any of the reasons listed below :

- i) Material misrepresentation by such agency in the tender document.
- ii) Failure by such agency to provide the information required herein.
- iii) Non-submission of Earnest Money Deposit (EMD) of Rs 10,000/- (Rupees Ten thousand only)

8) ARBITRATION

- i) 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 consultancy 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 and Education, Dehradun on his behalf at the time of dispute. There will be no objection to any such appointment that the arbitrator so appointed is an employee of ICFRE, or government servant or that he had to deal with the matters to which the contract relates or that in the course of his duties as 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 office or being unable to act for any reason shall be replaced by another person as decided by Director General, 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 predecessor. It shall also be a term of the contract that no person other than a person appointed by the Director General, ICFRE should act as arbitrator and if for any reason, that is not possible, 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 above, the arbitrator shall give reasons for the award.
- ii) 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.
- iii) 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.

- iv) This Clause will survive the termination or expiry of this Agreement.

9) FORCE MAJEURE

- a) The performance of the obligations of either party under this Agreement is subject to Force Majeure.
- b) 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 90 (Ninety days).

10) PREPARATION AND SUBMISSION OF PROPOSAL

Online tender is to be submitted under two bid 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.

The offers submitted by Fax/email/offline shall not be considered. No correspondence will be entertained in this matter.

(a) **Cover1: Technical Bid**

Technical documents should be uploaded in CPPP website: <https://eprocure.gov.in/eprocure/app>). The following documents are to be furnished by the Tenderer/Bidder, as Technical bid, as signed and scanned copy in pdf format upload in CPP portal.

- i) Earnest Money Deposit (EMD) of Rs 10,000/- (Rupees Ten Thousand)
- ii) Audited financial statements (reflecting overall turnover and the turnover specific to software and software related services) for the past three financial years and other satisfactory evidences such as authorized signatory, auditors certificate etc.
- iii) Certificate of Incorporation of the company and Partnership Deed.
- iv) Proof of Authorization of Signatory.

- v) Project description, with budget, dates, and project completion certificates and references names of concerned officials and financial value of the projects performed.
- vi) A detailed description of the organisation in **Form 3**.
- vii) The composition of the proposed staff team, the task, which would be assigned to each, and their timing.
- viii) Curriculum Vitae (C.V.) with recent photograph recently signed by the proposed key professional staff or an authorized manager in the parent office. Key information should include: duration with the firm, and degree of responsibility held in various similar assignments during the **last 2 (two) years; (Form 1)**
- ix) The bidding firm should be on the empanelment of National Informatics Centre Services Incorporated (NICSI), New Delhi. Enclose copy in support of the same.
- x) The bidding firm must have undertaken consultancy work of similar magnitude in Government organisation during past two financial years. Enclose copies in support of the same (**Form 2**).
- xi) The bid proposal sheet in the **Form 4**.
- xii) The bidding firm must possess an experience of atleast 5 years, in the field of consultancy of Data Centre. Enclose copies of the supportive documents.
- xiii) The bidding firm must submit a methodology for the execution of this consultancy. The bidders may visit the ICFRE Data Centre between 9.30 AM to 5.00 PM on all working days before the last date of submission of the tender, if required. The firm shall raise a formal request addressed to ADG (IT&FS) for the purpose. The ICFRE shall not be responsible for cost incurred on such inspections.

(b) **Cover 2: Financial Bid**

- i. The financial proposal must be submitted in the Schedule of financial bid in the form of BoQ2.xls separate for each item. Full details of business terms and conditions, e.g. taxes, levies, octroi etc., if any other information relevant to the services may please be indicated clearly.
- ii. TDS will be made as per Income Tax Rules.

The proposal must contain no interlineations or overwriting except as necessary to correct errors made by the concerned themselves, in which cases such corrections must be initialled by the person or persons authorised to sign the proposal. Completed proposal must be submitted mandatorily online at <https://eprocure.gov.in> (the Central Public Procurement Portal) after going through the terms and conditions given thereof.

11) PROPOSAL EVALUATION

The evaluation of the proposals will be made following the proceedings as below:

- (i) **Qualifying round** - The list of documents enclosed in Technical proposal shall be checked and once all the relevant documents are submitted by the firm, the firm qualify.
- (iii) **Financial evaluation** - Once the firm qualified, the financial bid shall be opened. The firm with the quoted amount L1 shall be declared as final qualified firm.

Assistant Director General (IT&FS)
ICFRE

FINANCIAL PROPOSAL

CONSULTANCY ON PREPARATION OF EOI/RFP, SELECTION OF VENDOR FOR CONTINUITY OF ICFRE DATA CENTRE (SERVER FARM)

Preparation of following document for ICFRE Data Centre (Server Farm) with the objective to

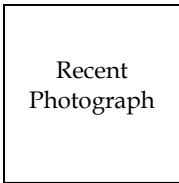
- a) Preparation of EOI/RFP for the continuity of existing ICFRE Data Centre including SLAs, tools for monitoring etc.
- b) ICFRE envisaged that the requisite services to sister organisation at Dehradun like Regional Office, MoEFCC, WII, IGNFA, DFE, CASFOS, FSI could be extended through existing Server Farm at ICFRE, Head Quarters. Modalities of the cost sharing, operations and maintenance could be worked out after the proposal of sharing the Server Farm as spelt out. The EOI / RFP may contain above this provision. The consultants are expected to prepare a infrastructure architecture report which provides the methodology for sharing the Data Centre.
- c) To assist the ICFRE in selection of the cost benefits technologies for Data Centre and selection of vendor.

Sl. No.	Item	Amount (Rs.)
1	Deliverable Services (Give item wise breakup) (append a separate sheet if required)	
	Total	
2	Taxes, duties and mandatory payments not accounted in cost components	
	Total cost of the consultancy service	

Total cost of the consultancy service (in words) Rupees _____

Signature of Bidder
Name
Office Seal

FORM 1
FORMAT OF CURRICULUM VITAE (C.V.)
OF PROPOSED KEY STAFF



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).

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Technical qualification :

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

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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).

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

FORM 2

ASSIGNMENT OF SIMILAR NATURE & MAGNITUDE SUCCESSFULLY COMPLETED DURING LAST 5 YEARS

Outline of recent experience on completed assignments of similar nature

Sl. No.	Name and description of the of Assignment	Cost of assignment	Date of commencement	Date of completion	Address of organisation with Phone No. where assignment done
1	2	4	5	6	8

Note: Documents be Annexed in support of above information.

FORM 3
PARTICULARS OF THE CONSULTANT

1. Name of the consultant : _____
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 consultant (if any): _____
4. Dehradun Office Address , if any : _____
 - a) Postal : _____
 - b) Fax. No. : _____
 - c) Telephone No.s (s) : _____
 - d) E-mail Address : _____
5. Type of Organization : Individual / Partnership / Incorporated
6. (i) Year of establishment : _____
7. Amount of EMD deposited
 - a) Bank Draft No. : _____
 - b) Bank Detail : _____
 - c) Amount : _____
8. Name and address of the : _____
authorized signatory / : _____
contact person for this Quotation : _____
9. Whether letter of Authority for : _____
attending bid opening : _____
enclosed with Quotation ? : _____
10. Whether PAN certificate attached ? : _____
11. Sales Tax / VAT Regd. No. : _____
12. Whether the consultant has : _____
ISO Certification ? : _____
If yes / whether document attached : _____
in technical bid. : _____

Signature of Bidder
Name
Office Seal

Date :
Place :

FORM 4
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 and FS)
Indian Council of Forestry Research & Education
P.O New Forest, Dehradun - 248006

**Sub: Tender Document for CONSULTANCY ON PREPARATION OF EOI/RFP,
SELECTION OF VENDOR FOR CONTINUITY OF ICFRE DATA CENTRE
(SERVER FARM)**

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 6 (six) months 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 the tax laws of India and hereby declare that if the rates of any Tax are enhanced under the law, we shall pay the same.
5. We have enclosed the Earnest Money Deposit (EMD) in the Form of Bank draft amounting to Rs 10,000/- (Rupees Ten thousand only).
6. We further declare that the prices stated in our proposal are in accordance with your terms & conditions in the bidding document.
7. We confirm having submitted 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 Guarantee Bond in the Form of Bank Guarantee as per terms of tender document.
9. We hereby declare that our proposal is made in good faith, and the information contained in the proposal is true and correct to the best of our knowledge & belief.
10. Bid submitted by us is properly prepared so as to prevent any subsequent alteration and replacement.

11. 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,

Date:
Place:

(Signature)
Name:
Designation:
Business Address: Seal

FORM 5
PROFORMA FOR BANK GUARANTEE

(To be stamped in accordance with Stamp Act if any, of the country for 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 vendor for performance of the above contract amounting to _____ (in words and figures) as an advance against Bank Guarantee to be furnished by the vendor.

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 vendor to the extent of _____ as aforesaid at any time upto _____ any demur, reservation, contest, resource or protest and / or without any reference to the vendor. Any such demand made by the ICFRE on the Bank shall be conclusive and binding notwithstanding any difference between the ICFRE and vendor 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 vendor. 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 ICFRE 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 vendor 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 consultant and notwithstanding any security or other guarantee that the ICFRE may have in relation to the vendor's liabilities.

Notwithstanding anything contained herein above our liability under the guarantee is limited to _____ and it shall remain in force up to 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 _____

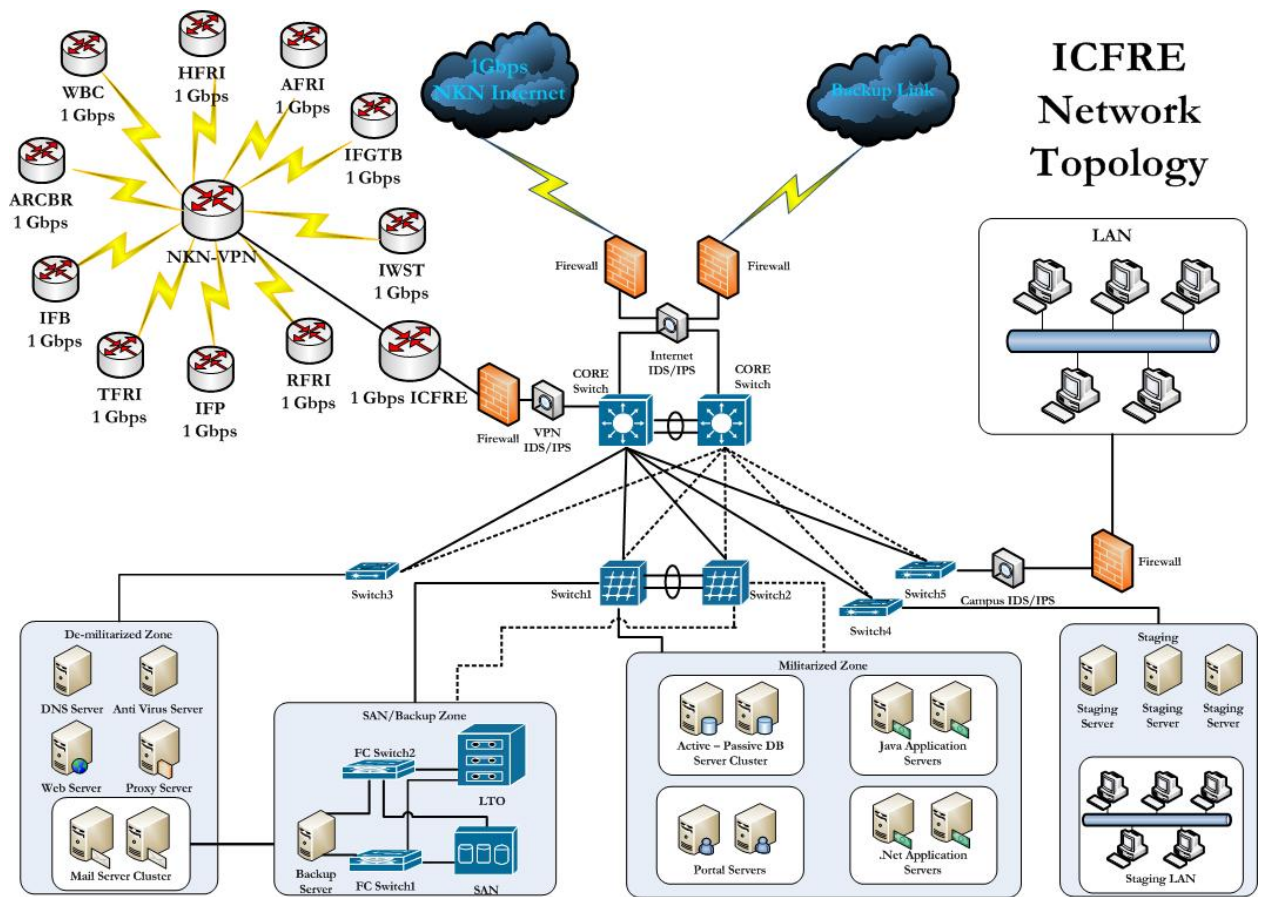
Signature & Seal of Authorised Signatory of Bank

ANNEXURE II

The following physical infrastructure is setup at ICFRE Server Farm.

1	Descriptions
2	Data Center Room - Server Farm Area 450 Sq. Ft
3	Data Center Room - Storage Area Network (SAN), Racks, Tape Library, Servers, Data Communication area, Internet Security Area / De- militarized Zone (DMZ)/Militarized Zone, FTP, Proxy, Web, DNS, Antivirus, Application, DHCP Email, Database Servers, EMS Monitoring, Antispam, SVN server, Staging Area: Database Administrators, System Administrators and Network Security Administration, Application Server Administrators Room & Network Operations, BMS
4	Air Crush Lobby, BMS Control Panel
5	Power Room: UPS, Cooling System & Power Backup Equipment Area - 350 Sq. Ft approx
6	Hardware - Database Servers, Application Servers, Web Servers, Firewall, Routers and Switches, IDS/IPS, VA Scanner, SAN, SAN Switch, Anti-virus, Email , Antispam etc.

Current Deployment Architecture:



Current IT Infrastructure details:

a) Hardware and Non -IT of Data Centre:

S.No.	Type of Server / Component	Qty	Services/ Configured for	Software Installed	Application
01	HP BL460c Blade Server	G1 02	Mail services	IBM Lotus Domino	IBM Lotus Domino
02	HP BL460c Blade Server	G1 01	Web Server	Redhat Linux	Apache, Mysql
03	HP BL460c Blade Server	G1 01	DHCP Service	Redhat Linux	DHCP
04	HP BL460c Blade Server	G1 01	Proxy Service	Redhat Linux	Squid
05	HP BL460c Blade Server	G1 01	Antivirus	Symantec Antivirus	Symantec Antivirus
06	HP BL460c Blade Server	G1 02	Application	Jboss	IFRIS Enterprise
07	HP BL460c Blade Server	G1 02	Application	DotNet, Apache	IFRIS PIMS and EDMS

08	HP BL460c G1 Blade Server	01	DNS	Redhat Linux	BIND
09	HP BL460c G1 Blade Server	03	Testing	Redhat, Windows Server 2003	DotNet, Apache, jboss, Oracle Database
10	HP BL460c G1 Blade Server	02	Testing	Redhat Linux	IBM Proventia, Squid, Oracle, Bind
11	HP ProLiant DL180 G5	09	Enterprise monitoring	Windows Server	CA spectrum, E-health, Unicenter, Willy, service desk, one click, IBM Site protector
12	HP ProLiant DL380 G5 Storage Serve	01	Backup Services	Windows Server	HP data protector, Command View tape Library, Command View EVA
13	HP ProLiant ML110 G5 e Server	01	Application Patch Management	Centos Linux	SVN
14	HP RX6600 Server	02	Database Server	Redhat Linux	Oracle 10 G
15	HP ProLiant ML110 G5 e Server	11	Anitvirus Client Server	Windows server and Symantec Antivirus	Symantec Antivirus client
16	HP Storage Works EML 103e Library	01	Backup	Backup Library managed by Backup server.	HP Command view Tape Library
17	HP Storage Works EVA4400 SAN	01	SAN		HP Command view EVA
18	Cyber Rack 42 U	06	Server Rack		Racks for storing Various Servers, and Network Components
19	Cisco 5550	04	Firewall	Cisco IOS Ver.09	CAMPUS,

	Adaptive security appliance					VPN and ISP Network
20	WS-C3650-24TS	02	Core Switched	Cisco Ver.12	IOS	Both the switches are Core switches and function on High availability mode active-active
21	WS-C2960G-24TC-L	05	Access Switch	Cisco Ver.12	IOS	Various VLAN's configured in all switches.
22	IBM Proventia Network Mail Security System MS3004	01	Antispam			Linux smtp 3.0.82-0.7-pae
23	IBM Proventia System (IPS) GX5008	03	IDS/IPS			stops Internet , Campus network and VPN threats and protect datacenter infrastructure
24	IBM Proventia Network Enterprise Scanner 750	01	Network Vulnerability Scanner			
25	BROCADE 5000	02	SAN Switch			Switch connected with SAN, tape library drives, robotics,, Database servers, Mail server and web server
26	Austin Hughes CyberView RKP115e	03	KVM Display			Connected With: Blade Servers, Backup Server, database Server, CA

					servers, and Antispam Appliance
27	AutoView 3100	01	IP KVM SWITCH		Access CA server rack total 09 Nodes connected
28	Accent Switch View 1000 8 Port	01	KVM Switch		
29	DB Power INSTA Switch 3000	02	Power Switch		For Network rack No. 1 and network rack No. 2
30	HP Compaq dx2480 Business PC	10	Staging Desktop PC's		
31	PCX-352 DTR	02	Precision AC		Datacenter area cooling
32	Eaton POWERWARE 9390 80 KVA	02	Online UPS System		UPS output for: Server racks and Network racks. inside datacenter.
33	Eaton E Series DX 20 KVA	02	Online UPS System		UPS output for Staging and NoC room.
34	Jakson Diesel Generator Set 160 KVA Model: C 160 D5 P	01	Diesels DG set		Power backup for entire datacenter area
35	Honeywell NFS-320/E/C	01	Fire Alarm System		Datacenter area, Above fall sealing, , Floor, Lobby, Staging room
36	Eureka Forbes FM200	01	Fire suppression systems		
37	Master/ VHFO- LP 20	01	Rodents Controller		Datacenter area, above fall sealing, , Floor, Lobby, Staging room

38	Honey Well Water Leakage Detector	01	Water Leakage Detector		
39	VESDA Laser FOCUS VLF-250	01	Smoke detector system		Datacenter area, above fall sealing, , Floor, Lobby, Staging room
40	DVR System	02	Surveillance system		Connecting 8 Camera
41	Syris Access and Biometric system	01	Access control System		
42	Amplifier make: Plena with MIC	01	PA system		
43	BMS	01	Building Management System		Monitoring Software: Goldman Sachs Temperature Monitoring UPS system Monitoring Fire alarm System monitoring DG Set Monitoring PAC1 and PAC2 monitoring Syris Access control application installed to manage physical access in datacenter area and for issuing and cancellation of Access card
44	HP Blade System c7000 Enclosures	16 bays			Housing for existing blade servers

b) Software Details

S. No.	Software Description	Quantity
1.	Oracle database Enterprise Edition	Name User Plus Perpetual 25 Nos.
2.	MS-Windows Server 2008 Enterprise Edition	Effective 03 Licenses
3.	MS-Windows Server 2008 Standard Edition	Effective 22 Licenses
4.	Windows Storage Server 2003	Effective 01 License
5.	MS SQL Server 2005 Standard 1 processor	Effective 02 Licenses
6.	Red Hat Enterprise Linux Advanced Platform, Standard (unlimited sockets)	Effective 04 Licenses
7.	Red Hat Enterprise Linux, Standard (up to 2 sockets)	Effective 08 Licenses
8.	JBoss Enterprise Application Platform, Standard (for up to 4 CPUs)	Effective 02 Licenses
9.	CA EMS	Enterprise Management Software and Network Management Software with Sever Management Module, Database Management Module, Network Management Module, Security and threat management, SLA Monitoring, Application performance Monitoring etc
10.	CA Spectrum Network Fault Manager Foundation Suite	1
	CA Spectrum Network Fault Manager Report Manager	1
	CA Spectrum Network Fault Manager Service Manager	1
	CA eHealth Network Performance Manager Starter Suite	1
	CA Service Desk Manager Full License	10
	CA Wily Introscope	24

	CA Access Control Premium Edition	18
	CA Insight for Distributed Databases with eHealth Entitlements (1-2 Processors)	2
	CA Database Command Center 1 Unicenter Network and Systems Management v11.1	1
	Unicenter Network and Systems Management v11.1	1
	Unicenter Network and Systems Management Managed Resource v11.1	1
	Symantec End Point Protection	Effective 1500 Licenses
11.	Messaging and Email Software including necessary licenses	Effective 01 Licenses
	Lotus Domino Enterprise Server Processor Value Unit (PVU) License	Effective 400 Licenses
	Lotus Domino Web Access Messaging Authorised User License	Effective 1000 Licenses
	Lotus Notes with Messaging Authorised User License	Effective 500 Licenses
12.	HP Data Prot Windows/Netware/Linux LTU	Effective 07 Licenses
13.	HP Service Guard	Effective 01 Licenses