

**GOVERNMENT OF ASSAM
OFFICE OF THE COMMISSIONER OF TAXES
G.S. ROAD, DISPUR, GUWAHATI-781006**

Telephones: +91 361-2232513/2232670

**NATIONAL COMPETITIVE BIDDING FOR
THE SUPPLY OF COMPUTER, NETWORK HARDWARE AND ITS
PERIPHERALS, INCLUDING THE WORK OF POWER SUPPLY AND NETWORK
CABLING AT VARIOUS OFFICES UNDER THE COMMISSIONER OF TAXES, ASSAM**

BID REFERENCE : ASPIRe/NCB/FEB(WB-PMU)10/2015/136/2016-2017

DATE OF AVAILABILITY
OF BIDDING DOCUMENT
ON E-PROCUREMENT PORTAL : November 2, 2016 at 10:00 Hrs.

LAST DATE AND TIME FOR
ONLINE BID SUBMISSION : December 3, 2016, 14.00 Hrs.

LAST DATE AND TIME FOR HARD(*)
COPY SUBMISSION : December 7, 2016, 12:00 Hrs
(* bid security, tender fee, power of attorney etc)

TIME AND DATE OF OPENING OF BIDS : December 7, 2016, 14:00 Hrs

PLACE OF OPENING OF BIDS : Commissioner of Taxes, Assam
Kar Bhawan, G.S. Road, Dispur,
Guwahati - 781006

ADDRESS FOR COMMUNICATION: Commissioner of Taxes, Assam
KarBhawan, G.S. Road,
Dispur, Guwahati-781006
Ph: +91 361-2232513/2232670
Fax: +91 361-2232677
e-mail: cotassam@yahoo.com

For more details please visit the website
<http://tax.assam.gov.in>

Essential Requirements for Bid submission

1. Tender documents can also be downloaded from the website
<https://assamtenders.gov.in>
2. To participate in this tender process through e-procurement document, bidder should have valid Digital Signature Certificate (DSC) of Class-II signing (minimum) and have to register in the portal
<https://assamtenders.gov.in>
3. The original Demand Drafts for tender fee and Earnest Money Deposit (EMD), the original Power of Attorney (PoA) if any, should be submitted to the **THE COMMISSIONERATE OF TAXES, ASSAM**, Kar Bhawan, Dispur, Guwahati-6 in sealed cover on or before the last date and time of opening of bid. The envelope containing original tender fee and bid security should be superscripted with details of the tender. All other documents along with prices shall be submitted online only on the e-procurement portal.
4. Bids submitted through any other mode shall not be accepted

SECTION I: INVITATION FOR BIDS (IFB)

**NATIONAL COMPETITIVE BIDDING FOR
THE SUPPLY OF COMPUTER, NETWORK HARDWARE AND ITS PERIPHERALS,
INCLUDING THE WORK OF POWER SUPPLY AND NETWORK CABLING AT
VARIOUS OFFICES UNDER THE COMMISSIONER OF TAXES, ASSAM**

INVITATION FOR BIDS (IFB)

Date : 01.11.2016

Project No. : P - 157198

IFB No. : NCB/FEB(WB-PMU)10/2015/136

1. The Government of India has applied for a loan from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of **Assam State Public Finance Institutional Reforms (ASPIRe) Project** and it is intended that part of the proceeds of this credit will be applied to eligible payments under the contracts for which this Invitation for Bids is issued.
2. Assam Society for Comprehensive Financial Management System (AS-CFMS) (*Purchaser*) now invites online bids from eligible bidders for supply of **“COMPUTER, NETWORK HARDWARE AND ITS PERIPHERALS, INCLUDING THE WORK OF POWER SUPPLY AND NETWORK CABLING AT VARIOUS OFFICES UNDER THE COMMISSIONER OF TAXES, ASSAM”**
3. Bidding will be conducted through the National Competitive Bidding (NCB) procedures agreed with World Bank. The provisions in the Instructions to Bidders and in the General Conditions of contract are based on the provisions of the World Bank Standard Bidding Document - Procurement of Goods. In addition, please refer to paragraphs 1.6 and 1.7 of the Guidelines setting forth the World Bank’s policy on conflict of interest.
4. The bid document is available online and bids are to be submitted online through the e-tendering portal <https://assamtenders.gov.in> only. The bidders would be required to register in the web-site which is free of cost. For submission of the bids, the bidders are required to have Digital Signature Certificate (DSC) from one of the authorized Certifying Authorities.

Aspiring bidders who have not obtained the User ID and Password for participating in e-tendering may obtain the same by registering in the website:
<https://assamtenders.gov.in>

5. The scanned copy of bid document fee of Rs.3,000/- in form of a Demand Draft/Cashier's cheque/Certified cheque and the Bid Security should be submitted along with the bid on the e-procurement portal

6. The bidders are required to submit (a) original demand draft/Cashier's Cheque/Certified Cheque towards the cost of bid document, and (b) original bid security in approved form, to **THE COMMISSIONERATE OF TAXES, ASSAM**, payable at GUWAHATI on or before the date and time of opening of Bids, either by registered post or by hand, failing which the bids shall be declared non-responsive.

(i) The above documents shall be submitted in one envelope.

(ii) The number mentioned on acknowledgement of online submission of the bid by the bidder shall be mentioned on envelope containing the original documents as detailed above.

(iii) Bid Security amount is Rs Twenty-Six Lakh. Scanned copy of BG/DD to be uploaded along with bid. Original Bid Security to be submitted before online bid opening as per procedures specified in the bidding document.

(iv) Cost of Bid Document: Rs. 3,000 (non-refundable) only in form of demand draft/Cashier's Cheque/Certified Cheque in favour of **THE COMMISSIONERATE OF TAXES, ASSAM**, payable at GUWAHATI to be submitted in the envelope containing original bid security.

7.

(a) Deleted

(b) Date of availability of bidding document on e-procurement portal :November 2, 2016, 10:00 Hrs.

- (c) Last date and time for online submission : December 3, 2016 at 14:00 Hrs.
- (d) Last date and time for hard copy submission : December 7, 2016 at 1200 hrs
(* bid security, tender free, power of attorney etc)
- (e) Time and date of opening of bids : December 7, 2016 at 1400 Hrs.
- (f) Place of opening of bids: Commissioner of Taxes, Assam, Kar Bhawan
G.S. Road, Dispur, Guwahati-781006
- (g) Address for communication : Commissioner of Taxes, Assam
Kar Bhawan, G.S. Road,
Dispur, Guwahati-781006
Ph: +91 361-2232513/2232670
Fax: +91 361-2232677
e-mail: cotassam@yahoo.com

8. All bids must be accompanied by a bid security as specified in the bid document and must be delivered to the above office at the date and time indicated above.
9. Bids will be opened online and in the presence of Bidders' designated representatives who choose to attend at the address given above on the specified date and time.
10. In the event of the date specified for bid opening being declared as a closed holiday for the purchaser's office, the due date for opening of bids will be the following working day at the appointed times.

11. The Employer shall not be held liable for any delays due to system failure beyond its control. Even though the system will attempt to notify the bidders of any bid updates, The Employer shall not be liable for any information not received by the bidder. It is the bidders' responsibility to verify the website for the latest information related to the tender.

Seal of Office & Address

Project Director–ASPIRe Project,
Commissioner of Taxes, Assam
Kar Bhawan, G.S. Road,
Dispur, Guwahati-781006
Ph: +91 361-2232513/2232670
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PART 1 – BIDDING PROCEDURES

SECTION I - INSTRUCTIONS TO BIDDERS [ITB]

Section I. Instructions to Bidders

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Section I. Instructions to Bidders

A. General

1. **Scope of Bid**
 - 1.1 The Purchaser **indicated in the Bidding Data Sheet (BDS)**, issues these Bidding Documents for the supply of Goods and Related Services incidental thereto as specified in Section VII, Schedule of Requirements. The name and identification number of lots (contracts) of this National Competitive Bidding (NCB) procurement are **specified in the BDS**.
 - 1.2 Throughout these Bidding Documents:
 - (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, telex) with proof of receipt;
 - (b) if the context so requires, “singular” means “plural” and vice versa; and
 - (c) “day” means calendar day.
2. **Source of Funds**
 - 2.1 The Government of India (hereinafter called “Borrower”) **specified in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount **specified in BDS** toward the project **named in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which these Bidding Documents are issued.
 - 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the loan or other financing) account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the funds.
3. **Corrupt & Fraudulent Practices**
 - 3.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Section VI.

3.2 In further pursuance of this policy, Bidders shall permit and shall cause its agents (where declared or not), sub-contractors, sub-consultants, service providers or suppliers and to permit the Bank to inspect all accounts, records and other documents relating to the submission of the application, bid submission (in case prequalified), and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

4. Eligible Bidders

4.1 A Bidder may be a firm that is a private entity, or a government owned entity subject to ITB 4.5.

4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:

- a. directly or indirectly controls, is controlled by or is under common control with another Bidder; or
- b. receives or has received any direct or indirect subsidy from another Bidder; or
- c. has the same legal representative as another Bidder; or
- d. has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; or
- e. participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which such Bidder is involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or
- f. any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the bid; or
- g. any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
- h. would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any of its affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
- i. has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of

such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the procurement process and execution of the contract.

- 4.3 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.7. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed sub-contractors or sub-consultants for any part of the Contract including related Services.
- 4.4 A Bidder that has been sanctioned by the Bank in accordance with the above ITB 3.1, including in accordance with the Bank's Guidelines on Preventing and Combating Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants ("Anti-Corruption Guidelines"), shall be ineligible to be prequalified for, bid for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address **specified in the BDS**.
- 4.5 Bidders that are Government-owned enterprises or institutions in the Purchaser's Country may participate only if they can establish that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not dependent agencies of the Employer. To be eligible, a government-owned enterprise or institution shall establish to the Bank's satisfaction, through all relevant documents, including its Charter and other information the Bank may request, that it: (i) is a legal entity separate from the government (ii) does not currently receive substantial subsidies or budget support; (iii) operates like any commercial enterprise, and, inter alia, is not obliged to pass on its surplus to the government, can acquire rights and liabilities, borrow funds and be liable for repayment of its debts, and can be declared bankrupt; and (iv) is not bidding for a contract to be awarded by the department or agency of the government which under their applicable laws or regulations is the reporting or supervisory authority of the enterprise or has the ability to exercise influence or control over the enterprise or institution.

- 4.6 A Bidder shall not be under suspension from bidding by the Purchaser as the result of the operation of a Bid-Securing Declaration.
- 4.7 Firms and individuals may be ineligible if so indicated in Section V and (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.
- 4.8 A bidder shall provide such evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

5. Eligible Goods and Related Services

- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank may have their origin in any country in accordance with Section V, Eligible Countries.
- 5.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, installation, training, and initial maintenance.
- 5.3 The term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Bidding Document

6. Sections of Bidding Documents

- 6.1 The Bidding Documents consist of Parts 1, 2, and 3, which include all the Sections indicated below, and should be read in conjunction with any Addendum issued in accordance with ITB Clause 8.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Bidding Data Sheet (BDS)

- Section III. Evaluation and Qualification Criteria
- Section IV. Bidding Forms
- Section V. Eligible Countries
- Section VI Bank Policy-Corrupt and Fraudulent Practices

PART 2 Supply Requirements

- Section VII. Schedule of Requirements

PART 3 Contract

- Section VIII. General Conditions of Contract (GCC)
- Section IX. Special Conditions of Contract (SCC)
- Section X. Contract Forms

6.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Document.

6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for clarification, minutes of pre-bid meeting (if any), or Addenda to the Bidding Document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.

6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its Bid all information or documentation as is required by the Bidding Documents.

7. Clarification of Bidding Documents

7.1 A prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser through the method **specified in the BDS**. The Purchaser will respond in the method **specified in the BDS** to any request for clarification, provided that such request is received no later than fifteen (15) days prior to the deadline for submission of bids. The Purchaser shall make available its response, including a description of the inquiry but without identifying the source, to all prospective bidders in the manner **specified in the BDS**. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause 8 and ITB Sub-Clause 22.2.

8. Amendment of

8.1 At any time prior to the deadline for submission of bids, the

Bidding Documents

Purchaser may amend the Bidding Documents by issuing addendum in the manner **specified in the BDS**, in accordance with ITB 7.1.

- 8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated to all prospective bidders in the manner **specified in the BDS**. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.
- 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB Sub-Clause 22.2. in the manner **specified in the BDS**.

C. Preparation of Bids

- 9. Cost of Bidding** 9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

- 10. Language of Bid** 10.1 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into English language, in which case, for purposes of interpretation of the Bid, such translation shall govern.

- 11. Documents Comprising the Bid** 11.1 The Bid shall comprise the following:
 - (a) Letter of Bid , in accordance with ITB Clause 12;
 - (b) Completed schedules, in accordance with ITB 12 and 14
 - (c) Scanned copy of Bid Security, in accordance with ITB Clause 19.1, if required;
 - (d) Alternative bids, if permissible, in accordance with ITB 13;
 - (e) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 20.2;
 - (f) documentary evidence in accordance with ITB Clause 17 establishing the Bidder's qualifications to perform the contract if its bid is accepted;
 - (g) documentary evidence in accordance with ITB 17 establishing

the Bidders eligibility to bid;

- (h) documentary evidence in accordance with ITB Clause 16, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
- (i) documentary evidence in accordance with ITB Clauses 16 and 30, that the Goods and Related Services conform to the Bidding Documents;
- (j) Manufacturer's authorization form; and
- (k) any other document **required in the BDS.**

11.2 The Bidder shall furnish in the Letter of Bid, information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid

12. Letter of Bid and Price Schedules

12.1 The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.2. All blank spaces shall be filled in with the information requested.

13. Alternative Bids

13.1 Unless otherwise **specified in the BDS**, alternative bids shall not be considered.

14. Bid Prices and Discounts

14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to the requirements specified below.

14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.

14.3 The price to be quoted in the Letter of Bid, in accordance with ITB 12.1, shall be the total price of the bid, excluding any discounts offered.

14.4 The Bidder shall quote any unconditional discounts and indicate the method for their application in the Letter of Bid in accordance with ITB 12.1.

14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, **unless otherwise specified in the BDS.**A bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a bid submitted with a fixed price quotation shall

not be rejected, but the price adjustment shall be treated as zero.

- 14.6 If so specified in ITB 1.1, bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise **specified in the BDS**, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one Contract shall specify in their bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4 provided the bids for all lots (contracts) are opened at the same time.
- 14.7 The terms EXW, CIP, and other similar terms shall be governed by the rules prescribed in the current edition of Inco terms, published by The International Chamber of Commerce, **as specified in the BDS**
- 14.8 Prices shall be quoted as specified in the Price Schedule included in Section IV, Bidding Forms. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V Eligible Countries. Prices shall be entered in the following manner:
- (a) **For Goods:**
- (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable), including all duties (customs, excise etc.) and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
 - (ii) any vat, sales tax and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
 - (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) **specified in the**

BDS.

- (b) for the Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:
 - (i) the price of each item comprising the Related Services (inclusive of any applicable taxes).

14.9 Deemed Export Benefits

Bidders may like to ascertain availability of excise or other duty exemption benefits, available for contracts financed under World Bank Credits/ Loans. They are solely responsible for obtaining such benefits, which they have considered in their bid and in case of failure to receive such benefits for reasons whatsoever, the Purchaser will not compensate the bidder.

Where the bidder has quoted taking into account such benefits, it must give all information required for issue of necessary Certificates in terms of the Central Excise Notification -108/95 along with its bid in form at Serial. Number. 7 of Section IV Bidding Forms. Where the Purchaser issues such Certificates, Excise Duty will not be reimbursed separately.

If the Bidder has considered the Deemed Export Benefits in its bid, the Bidder shall confirm and certify that the Purchaser will not be required to undertake any responsibilities of the deemed export scheme or the benefits available during contract execution except issuing the required certificates. Bids which do not conform to this provision or any condition by the Bidder which makes the bid subject to availability of deemed export benefits or compensation on withdrawal of or any variations in the deemed export benefits scheme will make the bid non responsive and hence liable to rejection.

15. Currencies of Bid & Payment

15.1 The Bidder shall quote the Price in Indian Rupees only.

16. Documents Establishing the Eligibility and conformity of the Goods and Related Services

16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.

- 16.2 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.
- 16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII Schedule of Requirements.
- 16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.
- 16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII Schedule of Requirements.

**17. Documents
Establishing the
Eligibility
&Qualifications
of the Bidder**

- 17.1 To establish Bidder's their eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms
- 17.2 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:
 - (a) that the Bidder meets each of the qualification criterion Criteria specified in Section III, Evaluation and Qualification
 - (b) (i) that, if **required in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that

it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;

(ii) Supplies for any particular item in each schedule of the bid should be from one manufacturer only. Bids from agents offering supplies from different manufacturers for the same item of the schedule in the bid will be treated as non-responsive.

(iii) that, if **required in the BDS**, the Bidder is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications;

(c) Bids from Joint Ventures are allowed.

**18 Period of
Validity of Bids**

18.1 Bids shall remain valid for the period **specified in the BDS** after the bid submission deadline date prescribed by the Purchaser in accordance with ITB 22.1. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.

18.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in a manner **specified in the BDS**. If a Bid Security is requested in accordance with ITB Clause 19, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided in ITB Sub-Clause 18.3.

18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be determined as follows:

(a) In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factor **specified in the BDS** for each week or part of the week that has elapsed from the expiration of the initial bid validity to the date of notification of award to the successful bidder.

(b) In the case of adjustable price contracts, no adjustment shall be made.

(c) In any case, bid evaluation shall be based on the bid Price

without taking into consideration the applicable correction from those indicated above.

19 Bid Security

- 19.1 The Bidder shall furnish as part of its bid, a Bid Security, if required, as **specified in the BDS**.
- 19.2 Not used
- 19.3 The Bid Security shall be in the amount **specified in the BDS** and denominated in Indian Rupees or a freely convertible currency, and shall:
- (a) at the bidder's option, be in the form of either a certified check, demand draft, letter of credit, or a bank guarantee from a Nationalized /Scheduled Bank in India.
 - (b) be substantially in accordance with one of the forms of Bid Security included in Section IV, Bidding Forms, or other form approved by the Purchaser prior to bid submission;
 - (c) be payable promptly upon written demand by the Purchaser in case the conditions listed in ITB Clause 19.7 are invoked;
 - (d) be submitted in its original form; copies will not be accepted;
 - (e) remain valid for a period of 45 days beyond the original validity period of the bids, or beyond any period of extension of bid validity, if so requested under ITB Clause 18.2;
- 19.4 If a Bid Security is required in accordance with ITB Sub-Clause 19.1, any bid not accompanied by a substantially responsive Bid Security shall be rejected by the Purchaser as non-responsive.
- 19.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security pursuant to ITB Clause 42.
- 19.6 The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the contract and furnished the required performance security
- 19.7 The Bid Security may be forfeited:
- (a) if a Bidder
 - (i) withdraws its bid during the period of bid validity

specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 18.2;

or

(ii) does not accept the correction of errors in pursuant to ITB 31,

or,

(b) if the successful Bidder fails to:

(i) sign the Contract in accordance with ITB Clause 41; or

(ii) furnish a Performance Security in accordance with ITB Clause 42.

19.8 Not used

19.9 If a bid security is **not required in the BDS**, and

(a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Letter of Bid Form, except as provided in ITB 18.2, or does not accept the correction of errors pursuant to ITB 31; or

(b) if the successful Bidder fails to sign the Contract in accordance with ITB 41; or furnish a performance security in accordance with ITB 42;

the Borrower may, **if provided for in the BDS**, declare the Bidder disqualified to be awarded a contract by the Purchaser for a period of time **as stated in the BDS**.

20 Format and Signing of Bid

20.1 The Bidder shall prepare the documents comprising the bid as described in ITB Clause 11 and further **specified in the BDS**. In addition, the Bidder shall produce originals of the Bid Security and any other document as **specified in BDS** in the manner **specified in the BDS**. In the event of any discrepancy between the original and the uploaded documents, the original shall prevail.

20.2 The bid shall be signed, in the manner **specified in BDS**, by a person duly authorized to sign on behalf of the Bidder.

20.3 Not used

20.4. Any inter lineation, erasures, or overwriting in the documents comprising the bids, shall be considered in the manner **specified**

in the BDS.

D. Submission and Opening of Bids

- 21 Sealing and Marking of Bids** 21.1 Bidders may submit their bids as specified in the **BDS**, Alternative bids, if permitted, shall be submitted as **specified in BDS** and in accordance with ITB Clause 13, Any other document submitted through any other means will not be considered as part of the bid except for the Originals specified in ITB 20.
- 22 Deadline for Submission of Bids** 22.1 Bids must be received no later than the date and time **specified in the BDS**.
22.2 The Purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB Clause 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
- 23 Late Bids** 23.1 The e- Procurement system would not allow any late submission of bids after due date and time as per server system. After electronic online proposal submission, the system generates a unique identification number which is time stamped. This shall be considered as acknowledgement of the bid submission. Purchaser shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB Clause 24. Any bid received by the Purchaser after the deadline for submission of bids shall be dealt as specified in the **BDS**.
- 24 Withdrawal, Substitution, and Modification of Bids** 24.1 A Bidder may withdraw, substitute, or modify its Bid, in accordance with the process specified in the BDS, no later than the date and time **specified in the BDS**. Modification/Withdrawal of the Bid sent through any other means shall not be considered by the Purchaser. No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.
- 25. Bid Opening** 25.1 The Purchaser shall conduct the bid opening in public at the address, date and time **specified in the BDS**. Specific electronic bid opening procedures if required in accordance with ITB Sub-Clause 23.1, shall be as **specified in the BDS**.
25.2 The withdrawn bid will not be available in the system and therefore will not be read. Only bids that are opened and read out at Bid opening shall be considered further.

- 25.3 All other bids shall be opened one at a time, reading out: the name of the Bidder; the Bid Prices, including any discounts and alternative offers; the presence of a Bid Security or Bid-Securing Declaration, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out at Bid opening shall be considered for evaluation. No Bid shall be rejected at Bid opening except for late bids, in accordance with ITB Sub-Clause 25.1. The Purchaser shall prepare a record of the Bid opening **as specified in the BDS** that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, substitution, or modification; the Bid Price, per lot if applicable, including any discounts, and alternative offers if they were permitted; and the presence or absence of a Bid Security or Bid-Securing Declaration, if one was required. The attendance of the Bidders' representatives who are present either in person or online (if permitted as per ITB Sub-Clause 27.1) shall be recorded in the manner **specified in the BDS**.

E. Evaluation and Comparison of Bids

- 26 Confidentiality**
- 26.1 Information relating to the examination, evaluation, comparison, and post-qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until information on Contract Award is communicated to all Bidders in accordance with ITB 40.
- 26.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of the bids or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB Sub-Clause 26.2, from the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so as **specified in the BDS**.
- 27 Clarification of Bids**
- 27.1 To assist in the examination, evaluation, comparison of the bids and post-qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid, that changes the substance of the Bid or Bidder price shall not be considered. The Purchaser's request for clarification and the response shall be as **specified in the BDS**. No change, including any voluntary increase or decrease, in the prices or substance of

the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB Clause 31.

27.2 If a Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.

**28 Deviations,
Reservations,
Omissions**

28.1 During the evaluation of bids, the following definitions apply:

- (a) "Deviation" is a departure from the requirements specified in the Bidding Documents;
- (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and
- (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Documents

**29 Determination
of
Responsiveness**

29.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself as defined in ITB 11.

29.2 A substantially responsive Bid is one that meets the requirements of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

- (a) If accepted, would
 - (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - (ii) limit in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (b) if rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.

29.2.1 Bids from Agents, without proper authorization from the manufacturer as per Section XII, shall be treated as non-responsive.

29.3.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.

29.3.2 The Purchaser shall examine the bid to confirm that the Bidder has accepted all terms and conditions specified in GCC and the SCC without material deviations or reservations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 18), Warranty (GCC Clause 28), Force Majeure (Clause 32), Limitation of liability (GCC Clause 30), Governing law (GCC Clause 9) and Taxes & Duties (GCC Clause 17) will be deemed to be a material deviation. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

29.4 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

30 Nonconformities, Errors, and Omissions

30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.

30.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price or substance of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

30.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors in the manner as **specified in the BDS.**

31 Correction of Arithmetical Errors

31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

(a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the

quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;

- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1 shall result in the rejection of the Bid. If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be rejected and the Bid security may be forfeited.

32 Conversion to Single Currency Not applicable.

33 Margin of Domestic Preference Not applicable.

34 Evaluation of Bids 34.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.

To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria listed in this Clause. No other criteria or methodology shall be permitted.

34.2 To evaluate a Bid, the Purchaser shall consider the following:

- (a) evaluation will be done for Items or Lots (contracts), as **specified in the BDS**; and the Bid Price as quoted in accordance with clause 14;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB Sub-Clause 31.1;
- (c) price adjustment due to discounts offered in accordance with ITB Sub-Clause 14.4;

- (d) not used
- (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3;
- (f) The additional evaluation factors as **specified in the BDS as per ITB 34.6** from amongst those set out in Section III, Evaluation and Qualification Criteria;

34.3 The estimated effect of the price adjustment provisions of the conditions of contract, applied over the period of execution of the contract, shall not be taken into account in bid evaluation.

34.4 If these Bidding Documents allow Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated price of the lot (contract) combinations, including any discounts offered in the Letter of Bid Form, is specified in Section III, Evaluation and Qualification Criteria

34.5 The Purchaser's evaluation of a bid will exclude and not take into account:

- (a) In the case of Goods manufactured in India or goods of foreign origin already located in India, vat, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;
- (b) any allowance for price adjustment during the period of execution of the contract, if provided in the bid.

34.6 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB Clause 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids, unless otherwise specified in Section III, Evaluation and Qualification Criteria. The factors, methodologies and criteria to be used shall be as specified in ITB 34.2 (f).

35 Comparison of Bids 35.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 34.

36 Qualification of the Bidder 36.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid meets the qualifying criteria

specified in Section III evaluation and Qualification Criteria.

36.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 17.

36.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's qualifications to perform satisfactorily.

**37 Purchaser's
Right to Accept
Any Bid, and to
Reject Any or
All Bids**

37.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

F. Award of Contract

38 Award Criteria

38.1 Subject to ITB 37.1, the Purchaser shall award the Contract to the Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

**39 Purchaser's
Right to Vary
Quantities at
Time of Award**

39.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

**40 Notification of
Award**

40.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter (hereinafter called "Letter of Acceptance") shall specify the sum that the purchaser will pay in consideration of the supply of Goods (hereinafter called "the Contract Price").

**Publication of
Award**

40.2 At the same time the Purchaser shall publish in a National website <https://assamtenders.gov.in> the results identifying the bid and lot numbers and the following information: (i) name of each Bidder who submitted a Bid; (ii) bid prices as read out at bid opening; (iii) name and evaluated prices of each Bid that was evaluated; (iv) name of bidders whose bids were rejected and the

reasons for their rejection; and (v) name of the successful Bidder, and the price it offered, as well as the duration and summary scope of the contract awarded.

Recourse to Unsuccessful Bidders

- 40.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, after Publication of contract award, requests in writing the grounds on which its bid was not selected.
- 40.4 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.
- 40.5 Upon the successful Bidder's furnishing of the performance security and signing the Contract Form pursuant to ITB Clause 42, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 19.5

41 Signing of Contract

- 41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Contract Agreement.
- 41.2 Within twenty-one (21) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.

42 Performance Security

- 42.1 Within twenty one (21) days of the receipt of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security Form included in Section X Contract forms, or another Form acceptable to the Purchaser. Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose bid is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

SECTION II - BIDDING DATA SHEET

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	<p>The Purchaser is:</p> <p>Commissioner of Taxes, Assam Kar Bhawan, G.S. Road, Dispur, Guwahati-781006 Ph: +91 361-2232513/2232670 Fax: +91 361-2232677 e-mail: cotassam@yahoo.com</p>
ITB 1.1	<p>The name and identification number of the NCB are: <i>Name:</i> <u>THE SUPPLY OF COMPUTER, NETWORK HARDWARE AND ITS PERIPHERALS, INCLUDING THE WORK OF POWER SUPPLY AND NETWORK CABLING AT VARIOUS OFFICES UNDER THE COMMISSIONER OF TAXES, ASSAM</u></p> <p>The number, identification and names of the lots comprising this NCB are: <i>Identification Number: NCB?FEB(WB-PMU)10/2015/136</i></p> <p><i>Single lot</i></p>
ITB 2.1	The Borrower is Government of India
ITB 2.1	The name of the Project is: Assam State Public Finance Institutional Reforms (ASPIRe) Project
ITB 4.4	A list of firms debarred from participating in World Bank projects is available at http://www.worldbank.org/debarr

B. Contents of Bidding Documents	
ITB 7.1	For <u>Clarification of bid purposes</u> only, the Purchaser's e-procurement portal is is: website: www.assamtenders.gov.in
ITB 7.2	Added the following as clause 7.2: Pre Bid meeting: - The bidder's designated representative is invited to attend a pre bid meeting which will take place as per details given below: - Date: November 11, 2016 Time: 11:00 Hrs Venue: Commissionerate of Taxes, Assam KarBhawan, G.S. Road, Dispur, Guwahati-781006 Ph: +91 361-2232513/2232670 Fax: +91 361-2232677 e-mail: cotassam@yahoo.com The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
ITB 7.4	Added the following as sub-clause 7.4: Minutes of the pre-bid meeting, including the text of the questions raised without identifying the source, and the responses given, together with any responses prepared after the meeting, will be upload on the e-procurement portal. Any modification to the Bidding Document that may become necessary as a result of the pre-bid meeting shall be made by the Purchaser exclusively through the issue of an Addendum pursuant to ITB 8 and not through the minutes of the pre-bid meeting. All prospective bidders may download the minutes of the pre-bid meeting / amendments made in the bidding document from portal https://assamtenders.gov.in
ITB 7.5	Added the following as sub-clause 7.5: Non-attendance at the pre bid meeting will not be a cause for dis-qualification of a bidder
C. Preparation of Bids	
ITB 11.1(k)	The Bidder shall submit the following additional documents in its bid on the –

procurement portal only. No document other than tender fee and bid security shall be submitted in hard copy :

1. Bidder must submit Audited Financial Statements and/or Bank Certificate for the last 3 years in support of average annual turnover.
2. Bidder must submit Bank Certificate / Audited Statements in support of available liquid asset &/or working capital &/or credit facility.
3. The bidder shall clearly confirm that all facilities exist with him (or manufacturer, as applicable) in his factory for inspection and testing and these can be accessed by the Purchaser or his representative for inspection if deemed necessary.
4. Technical schedules of goods as required by technical specifications.
5. A detailed description of the Goods essential technical and performance characteristics:
6. A clause-by-clause commentary on the Purchaser's technical specifications demonstrating substantial responsiveness of the Goods and Services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.
7. For purposes of the commentary to be furnished pursuant to clause 6 above, the Bidder shall note that standards for workmanship, material and goods, and any references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications
8. The documentary evidence of the goods and services eligibility shall consist of a statement in the Price Schedule on the country of origin of the goods and services offered which shall be confirmed by a certificate of origin at the time of shipment
9. The bidder shall disclose instance of previous past performance that may have resulted into adverse actions taken against the bidder during the last five years. Such adverse actions taken against the bidder may be treated as unsatisfactory performance history while deciding the award of contract. If no instance of previous past performance has resulted into adverse actions this should be clearly indicated in the Bidder's bid.
10. Attested copy of Registration details of the company under VAT, local and Central, Sales Tax, and other laws as may be applicable and also Sales tax/VAT clearance certificate.
11. Attested copy of Company's PAN, TIN and Income Tax details and ward/circle where it is being assessed, Bank solvency certificate, issued within start of tender selling date and submission date, from any

	<p>scheduled bank of India.</p> <p>12. List of service centre and bio-data of the technical personnel working with the Bidder.</p> <p>13. Original brochures with relevant page(s) in support of the technical specifications of the equipment along with the web addresses/URL of the manufacturers.</p> <p>14. Sub-contractor's license for electrical work from respective authorizing agency.</p> <p>15. Manufacturer's Authorization for items as mentioned in clause 17,2 (b) of BDS</p>
ITB 13.1	<p>Alternative Bids <i>shall not be</i> considered.</p> <p>Bidder shall quote only one price for each of the line items indicated in the price schedule. If multiple prices are quoted for any of the line items, the bid will be rejected.</p>
ITB 14.5	<p>The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract.</p>
ITB 14.7	<p>The Inco terms edition is Inco terms 2010.</p>
ITB 14.8 (a) (iii)	<p>"Final destination (Project Site)": as per Appendix - A</p>
ITB 14.8 (b)	<p>Added the following clause as 14.8 (b)</p> <p>1. Prices quoted for each item of the package shall correspond 100 percent of the quantities specified (all categories from A to D)for this item of the package.</p> <p>2. The Bidder shall submit prices for the following related services:</p> <p>(a) The Bidder(s) will be required to provide Comprehensive warranty for a period of 5 years for desktops, laptops, printers, IT networking equipment& Cabling etc. The bidder(s) service engineer/representative should inspect the equipment at the end of every six months during this 5 (five) years period and make necessary maintenance of the equipment. Representative of the society/respective locations as appointed by the Commissioner of Tax will be present during maintenance of the equipment so that necessary skills can be build up to maintain the equipment in future.Half yearly periodic preventive maintenance for 5 years as mentioned in the schedule of requirements.</p> <p>(b) The Bidder will be required to provide installation cost for CAT UTP cable to make it "Ready To Use" by the purchaser.</p> <p>(c) The Bidder will be required to provide electrical points for "Ready to Use" by the purchaser</p> <p>(d) For any defect of installation or Equipment, goods within 1 (one) year after</p>

	<p>handing over to society's representative; the equipment/goodwill be replaced/repared.</p> <p>If the Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items.</p>
ITB 16.4	<p>Period of time the Goods are expected to be functioning (for the purpose of spare parts): <i>5 years</i></p>
ITB 17.2 (b) (i)	<p>Manufacturer's authorization is: <i>required as per proforma in Section IV: for items 1 - 4 listed under Category A and for items a - g for Category B in Price Schedule.</i></p> <p><i>Category - A</i></p> <ol style="list-style-type: none"> 1. Desktop Computers (Type - 1) 2. Desktop Computers (Type - 2) 3. Laptops 4. Server (for NMS software) 5. Laser Printer (MFP) 6. Color Laser Printers (MFP) 7. UPS 500/600 VA (Type - 1) 8. UPS - 1 KVA (Type - 2) 9. Portable Projector with Projection Screen <p><i>Category - B</i></p> <ol style="list-style-type: none"> a. L2 Managed Switch – 48 ports with SFP module b. L2 Managed Switch – 48 ports c. L2 Managed Switch – 24 ports d. L2 Managed Switch – 16 ports e. Patch Panel – 48 ports f. Patch Panel – 24 ports g. CAT 6 IO Box (single port) including outlets h. CAT 6 Patch Cord (1 meter) i. CAT 6 Patch Cord (2 Meter) j. Remote Router k. Core Router with Fibre Module l. Core L3 Switch with Fibre module m. 12 U Rack n. 42 U Rack o. Wireless Access Point p. Firewall with Fibre Module q. Unified Threat Management (UTM)

ITB 17.2 (b)iii	After Sales service is required which shall be provided by the Supplier or alternatively by its Agent in case of a foreign bidder.
ITB 17.2 (c)	<ol style="list-style-type: none"> 1. Joint Ventures (not more than two) are allowed for bidders for computer hardware and software(desktops, laptops, server, networking equipment, Microsoft license, anti-virus etc. and office equipment.(for Category A – C) 2. Subcontracting (not more than two) is allowed only for LAN - Cabling, electrical wiring and related works). Subcontractor must be an authorized licensee for undertaking the electrical works. (for Category D only)
ITB 18.1	The bid validity period shall be 120 days
ITB 18.3(a)	The price shall not be adjusted.
ITB 19.1	<p>Bid shall include a Bid Security (issued by bank) included in Section IV Bidding Forms;</p> <p>The Bid Security Instrument shall be drawn in favor of THE COMMISSIONERATE OF TAXES, ASSAM, payable at GUWAHATI.</p> <p>Bidders are required to provide contact details of the issuing bank (fax/email) for the purpose of verifying the authenticity of the bid security.</p> <p>Scan copy of bid security to be uploaded online along with bid and original bid security to be submitted before online bid opening as per procedures specified in the bidding document.</p>
ITB 19.3	The amount and currency of the bid security shall be INR. Twenty-Six Lakhs
ITB 19.9	Not Applicable
ITB 20.1	Only online submission of bids will be accepted. Single original bid must be scanned & uploaded.
ITB 20.2	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: Power of Attorney
D. Submission and Opening of Bids	
ITB 21.2 (c)	The bidder shall submit the bid online on the e-procurement system including

scanned copies of the Bid Security (Bank Guarantee/ Demand Draft/ Certified Cheque/ Fixed Deposit) and Cost of Bid Document. These must be kept in an envelope addressed to the purchaser. The envelope will also bear the following identification: -

Name : THE SUPPLY OF COMPUTER, NETWORK HARDWARE AND ITS PERIPHERALS, INCLUDING THE WORK OF POWER SUPPLY AND NETWORK CABLING AT VARIOUS OFFICES UNDER THE COMMISSIONER OF TAXES, ASSAM

Identification No. : NCB/FEB(WB-PMU)10/2015/136

Important Note:

- a. The bid document is available online on the website <https://assamtenders.gov.in> The bid document can be downloaded free of cost. However, the bidder is required to submit demand draft towards cost of bid document in favour of the name given in e-Procurement Notice/IFB, if he submits his bid.
- b. Prospective bidders are required to register on the e-procurement system in order to participate in the bidding process. The bidders are also required to obtain Digital Signature Certificate, from licensed Certifying Authorities of Government of India, only. The bidders are advised to visit the site of installation at their own expense and obtain all information that may be necessary for preparing the bid. Any bidder requiring any clarification may notify online the authority inviting the bid. The authority inviting bid will respond to any request(s) for clarification received earlier than 10 days prior to the deadline for submission of bids. Description of clarification sought and the response of the authority inviting the bid will be uploaded for information of the public or other bidders without identifying the source of request for clarification. Any amendment/ addendum/ corrigendum to the Bid Document shall be published online only. It is the bidder's responsibility to check the portal for any update.
- c. Each bidder shall submit only one bid. Bidders should not contact other competing bidders in matters relating to this bid. After online bid submission, the system generates a unique bid identification number which is time stamped, as per system server time. This shall be treated as acknowledgement of bid submission.
- d. The e-procurement system will not allow submission of bids after the date and time specified for online bid submission. Any original document (Bid Security and Tender fee) received by the Commissioner of Taxes, Assam after the deadline for submission of bids will not be considered for further evaluation.

<p>ITB 22.1</p>	<p>For <u>Bid fee & EMD submission purposes</u> only, the Purchaser's address is:</p> <p>Commissionerate of Taxes, Assam KarBhawan, G.S. Road, Dispur, Guwahati-781006 Ph: +91 361-2232513/2232670 Fax: +91 361-2232677 e-mail: cotassam@yahoo.com</p> <p>Attention: The IT Officer</p> <p>The deadline for online bid submission is: Date: <i>December 3, 2016</i> Time: 14:00 Hrs.</p> <p>The deadline for original documents of Bid Fee, EMD and PoA submission is: Date: <i>December 7, 2016</i> Time: 1200 Hrs.</p>
<p>ITB 25.1</p>	<p>The bid opening shall take place at:</p> <p>Address same as 22.1</p> <p>Date: December 7, 2016 Time: 14:00 Hrs</p>
<p>ITB 25.</p>	<p>Bids shall be opened online, in the presence of bidders or their representatives who choose to attend on the date and time and at the place specified in sub-clause 25.1 above. The minutes of bid opening summary shall be uploaded on the e-procurement system by the Employer.</p>
<p>E. Evaluation and Comparison of Bids</p>	
<p>ITB 34.2(a)</p>	<p>The Purchaser will evaluate and compare the bids previously determined to be substantially responsive, pursuant to ITB clause 29.</p> <p>Bids will be evaluated for the complete package (<u>THE SUPPLY OF COMPUTER, NETWORK HARDWARE AND ITS PERIPHERALS, INCLUDING THE WORK OF POWER SUPPLY AND NETWORK CABLING AT VARIOUS OFFICES UNDER THE COMMISSIONER OF TAXES, ASSAM.</u>) Bidder should quote for the complete requirement for goods and services as stated in ITB clause 14.8 failing which such bids will be treated</p>

	<p>as non-responsive.</p> <p>If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed to be included for the purpose of Award.</p> <p>Provided that the Bid is substantially responsive, the highest price of the item quoted by substantially responsive Bidder will be added to the Bid Price and the equivalent total cost of the Bid so determined will be used for price comparison.</p>
ITB 34.4	Not Applicable
ITB 34.6	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria:</p> <p>(a) Deviation in Delivery schedule: No.</p> <p>(b) Deviation in payment schedule: No</p> <p>(c) the cost of major replacement components, mandatory spare parts, and service: No</p> <p>(d) Availability in India of spare parts and after-sales services for the equipment offered in the bid. An adjustment equal to the cost to the Purchaser of establishing the minimum service facilities and parts inventories, if quoted separately, shall be added to the bid price, for evaluation purposes only.</p> <p>(e) The projected operating and maintenance costs during the life of the equipment: No</p> <p>(f) The performance and productivity of the equipment offered; No</p> <p>(g) The additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria; “Yes”</p>
	F. Award of Contract
ITB 39.1	<p>The Quantity may increase by 15%</p> <p>The Quantity may decrease by 15%</p>

SECTION III. EVALUATION AND QUALIFICATION CRITERIA

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser shall use to evaluate a bid and determine whether a Bidder qualifies in accordance with ITB 34 & 36. No other criteria shall be used.

Contents

1. Evaluation Criteria (ITB 34)
2. Multiple Contracts (ITB 34.4)
3. Qualification Requirements (ITB 36)

1. Evaluation Criteria (ITB 34.6)

The Purchaser's evaluation of a bid may take into account, in addition to the Bid Price quoted in accordance with ITB Clause 14.8, one or more of the following factors as specified in ITB Sub-Clause 34.2 (f) and in BDS referring to ITB 34.6, using the following criteria and methodologies.

- (a) Delivery schedule. (as per Inco terms specified in the BDS)

The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section VII, Schedule of Requirements. Bids offering delivery after the final date shall be treated as nonresponsive.

- (b) Deviation in payment schedule.

No deviation in the payment schedule is allowed

- (c) Cost of major replacement components, mandatory spare parts, and service.

(i) *Deleted*

- (d) Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the bid.

An adjustment equal to the cost to the Purchaser of establishing the minimum service facilities and parts inventories, as outlined in BDS Sub-Clause 34.6, if quoted separately, shall be added to the bid price, for evaluation purposes only.

- (e) Projected operating and maintenance costs are not considered.

- (f) Performance and productivity of the equipment are not considered.

- (g) Specific additional criteria

- **Electrical Wiring at locations mentioned in the Schedule of Requirements.**
- **LAN cabling at locations mentioned in the schedule of Requirements.**
- **On Site Comprehensive warranty for a period of five years for upkeep and maintenance of equipment.**

2. Multiple Contracts (ITB 34.4)

Not Applicable

3. Post-qualification Requirements (ITB 36.1)

After determining the lowest-evaluated bid in accordance with ITB Sub-Clause 35.1, the Purchaser shall carry out the post-qualification of the Bidder in accordance with ITB Clause 36, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

S #	Particulars/ parameters	Compliance Criteria				Supporting Documents
		As a Sole Bidder	Joint Venture			
			All partners together	Lead Bidder	Other Partner	
1	General Conditions					
A	i. Should be a Company registered under the Companies Act 1956 and should be operating in India.	Must Meet	Must Meet	Must Meet	Must Meet	Copy of Certificate of registration for all the Lead Bidder and Partner.
	ii Bidding company (s) the bidder can be a single company or a consortium of companies. iii In case of consortium/Joint Venture, there shall be not more than 2 entities, namely the Lead and the Partner. iv. The Prime Applicant will be the Single Point of Contact (SPOC) for AS - CFMS Society and will be responsible for all contractual obligations for this project. However, every member of the consortium shall be equally responsible and jointly and severally liable for the successful completion of the entire project.	Must Meet	Must Meet	Must Meet	Must Meet	Copy of Consortium agreement or Memorandum of Understanding to work together in case of winning the project. Consortium documents should clearly mention roles and responsibilities of each participating member such that the Lead Bidder holds the responsibility of providing equipment (from category A – C) envisaged in the Price Schedule of this bid.
B	i. The Primary Bidder should be either an Original Equipment	Must Meet	Must Meet	Must Meet	Must Meet	i. Attach relevant certificates. ii. Projects handled

S #	Particulars/ parameters	Compliance Criteria				Supporting Documents
		As a Sole Bidder	Joint Venture			
			All partners together	Lead Bidder	Other Partner	
	Manufacturer (OEM) or Authorized Re-seller/authorized Distributor of items with a registered office and operations in India. The company should be operational in India for at least the last five financial years.					(work orders) handled for the last 5 years. Statutory proof like Income Tax returns / Labor registration copies / Service tax registration copy as a proof of presence in India for 5 years. In case of Authorized reseller/distributors, Authorization certificates from respective OEMs must be attached as proof.
	ii. Each of the constituent /partners of the Consortium/JV Company should be operational in India for at least the last three financial years. (2012 – 2013, 2013 – 2014, 2014 – 2015)	Not Applicable	Must Meet	Not Applicable	Must Meet	The Consortium Company should also submit the supporting documents as informed for Primary bidder for last 3 years Statutory proof like Income Tax returns / Labor registration copies / Service tax registration copy as a proof of presence in India for 3 years.
2	Financial Eligibility					
A	Primary bidder and all the partners should hold valid Service Tax Numbers and PAN details.	Must Meet		Must Meet	Must Meet	PAN CARD and Service Tax Certificate
B	The Bidder must have Minimum average annual	Must Meet	Must Meet	Must Meet at	Must Meet at least 30%	The bidder should submit certificates from

S #	Particulars/ parameters	Compliance Criteria				
		As a Sole Bidder	Joint Venture			Supporting Documents
			All partners together	Lead Bidder	Other Partner	
	turnover of INR 15 Crores in each of the last 3 financial years. The revenues must be accrued from sale of similar items as per this assignment.			least 70% of the requirement	of the requirement	the Company duly audited by the Chartered Accountant and certified by the Company Secretary for all 2012-13 , 2013-14 and 2014-15 financial years.
3	Prior experience					
A	The Bidder should possess a minimum of 3 years' experience in supplying similar equipment (like desktops, laptops, printers etc.)	Must meet	Must meet	Must Meet	Must meet for the equipment offered for this assignment.	Work completion certificates to be submitted
B	The Primary Bidder must have a proven track record of executing at least two (2) successful similar projects of providing LAN cabling and Electrical wiring. At least one of the 2 quoted projects should be in similar terrain (hilly areas) <i>Note:</i> 1. <i>Experience as sub-contractor for another company will not be considered.</i> 2. <i>Bidder may have sub-contracting arrangement for LAN Cabling and electrical wiring.</i>	Must Meet	Must meet	Primary bidder may include sub-contractor's experience to substantiate their claim	Must Meet	Work completion certificates to be submitted describing all the activities mentioned. Sub – Contractor/s license for electrical wiring must be attached.
4	Technical Capacity					
A	The Bidder must have: 1. Qualified Service Engineers,	Must Meet	Must Meet	Must Meet		Profile of service engineers and detailed location list of authorized service

S #	Particulars/ parameters	Compliance Criteria				Supporting Documents
		As a Sole Bidder	Joint Venture			
			All partners together	Lead Bidder	Other Partner	
	<p>2. Spare Parts Stock &</p> <p>3. After Sales Services facilities in Guwahati, Assam.</p> <p>to satisfy warranty and service conditions laid down in SCC 28.3 and 28.5.</p>					<p>centre in Assam for all equipment offered.</p> <p>The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the usage requirement: <i>Original Catalogue</i></p>

SECTION IV – BIDDING FORMS

Table of Forms

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1. LETTER OF BID

The Bidder must prepare the Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and address.

No alterations to the text except as provided in ITB20.2 shall be permitted and no substitutions shall be accepted except as provided in ITB 12.]

Date: *[insert date (as day, month and year) of Bid Submission]*
NCB No.: *[insert number of bidding process]*
Invitation for Bid No.: *[insert No of IFB]*

To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No. issued in accordance with ITB 8: *[insert the number and issuing date of each Addenda]*;
- (b) We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid Securing Declaration in the Purchaser's country in accordance with ITB 4.6
- (d) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services *[insert a brief description of the Goods and Related Services]*;
- (e) The total price of our Bid, excluding any discounts offered in item (f) below, is:

In case of only one lot, total price of the Bid *[insert the total price of the bid in words and figures]*;

In case of multiple lots, total price of each lot *[insert the total price of each lot in words and figures]*;

In case of multiple lots, total price of all lots (sum of all lots) *[insert the total price of all lots in words and figures]*;

- (f) The discounts offered and the methodology for their application are:

- (i) The discounts offered are: *[Specify in detail each discount offered.]*

(ii) The exact method of calculations to determine the net price after application of discounts is shown below:***[Specify in detail the method that shall be used to apply the discounts];Discounts.***

- (g) Our bid shall be valid for the period of time specified in ITB Sub-Clause 18.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 22, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (i) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process in accordance with ITB 4.2(e), other than alternative bids submitted in accordance with ITB 13
- (j) We, including any of our subcontractors or suppliers for any part of the contract, have not been declared ineligible by the Bank, under the Employer’s country laws or official regulations or by an act of compliance with a decision of the United Nations Security Council;
- (k) We are not a government owned entity/ We are a government owned entity but meet the requirements of ITB 4.5;¹
- (l) The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(If none has been paid or is to be paid, indicate “none.”)

- (m) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (n) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

¹*Bidder to use as appropriate*

- (o) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption.
- (p) We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely, "Prevention of Corruption Act 1988."

Name of the Bidder *[insert complete name of person signing the Bid]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder** *[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid *[insert complete title of the person signing the Bid]*

Signature of the person named above *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* day of *[insert month]*, *[insert year]*

** : Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid Schedules.

2. BIDDER INFORMATION FORM

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid Submission]*

NCB No.: *[insert number of bidding process]*

Page _____ of _____ pages

1. Bidder's Legal Name <i>[insert Bidder's legal name]</i>
2. Bidder's actual or intended Country of Registration: <i>[insert actual or intended Country of Registration]</i>
3. Bidder's Year of Registration: <i>[insert Bidder's year of registration]</i>
4. Bidder's Legal Address in Country of Registration: <i>[insert Bidder's legal address in country of registration]</i>
5. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
6. Attached are copies of original documents of: <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation or Registration of firm named in 1, above, in accordance with ITB Sub-Clauses 4.3. <input type="checkbox"/> In case of government owned entity from the Purchaser's country, documents establishing legal and financial autonomy and compliance with commercial law and not dependent agency of borrower or sub-borrower or purchaser, in accordance with ITB Sub-Clause 4.5. <input type="checkbox"/> Included are the organizational chart ,a list of Board of Directors, and the beneficial ownership

Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*

PRICE SCHEDULE RELATED SUPPLY

<u>THE SUPPLY OF COMPUTER, NETWORK HARDWARE AND ITS PERIPHERALS, INCLUDING THE WORK OF POWER SUPPLY AND NETWORK CABLING AT VARIOUS OFFICES UNDER THE COMMISSIONER OF TAXES, ASSAM</u>								Date: _____	NCB No: _____	Page N ^o _____ of _____
1	2	3	4	5	6	7	8	9	10	
Item No.	Description of Item	Unit of Supply	Qty of units require	Unit Price Ex Works	Total Price (col 4 x 5)	Cost to deliver and install Goods to final destination	Total price Delivered (col. 6 +7)	VAT and other taxes payable if contract is awarded	Delivery Period Offered	
A	CATEGORY A: (Computers, Printers, Server & other Office Equipment)									
1	Desktop Computers (Type – 1)	Nos.	117						As per Appendix-A , Part_I	
2	Desktop Computers (Type – 2)	Nos.	1046						As per Appendix-A , Part_I	
3	Laptops	Nos.	10						As per Appendix-A , Part_II	
4	Server (for NMS software)	Nos.	01						As per Appendix-A , Part_II	
5	Laser Printer (MFP)	Nos.	382						As per Appendix-A , Part_I	
6	Color Laser Printers (MFP)	Nos.	04						As per Appendix-A , Part_II	

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Date: _____

NCB No: _____

Page N° _____ of _____

1	2	3	4	5	6	7	8	9	10
Item No.	Description of Item	Unit of Supply	Qty of units require	Unit Price Ex Works	Total Price (col 4 x 5)	Cost to deliver and install Goods to final destination	Total price Delivered (col. 6 +7)	VAT and other taxes payable if contract is awarded	Delivery Period Offered
7	UPS 500/600 VA (Type – 1)	Nos.	1133						As per Appendix-A , Part_I
8	UPS - 1 KVA (Type – 2)	Nos.	63						As per Appendix-A , Part_I
9	Portable Projector with Projection Screen	Set	01						As per Appendix-A , Part_II
B	CATEGORY B: Networking Equipment & Accessories								
1	L2 Managed Switch – 48 ports with SFP module	Nos.	08						As per Appendix-A , Part_II
2	L2 Managed Switch – 48 ports	Nos.	63						As per Appendix-A , Part_I
3	L2 Managed Switch – 24 ports	Nos.	42						As per Appendix-A , Part_I
4	L2 Managed Switch – 16 ports	Nos.	24						As per Appendix-A , Part_I

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Date: _____
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1	2	3	4	5	6	7	8	9	10
Item No.	Description of Item	Unit of Supply	Qty of units require	Unit Price Ex Works	Total Price (col 4 x 5)	Cost to deliver and install Goods to final destination	Total price Delivered (col. 6 +7)	VAT and other taxes payable if contract is awarded	Delivery Period Offered
5	Patch Panel – 48 ports	Nos.	30						As per Appendix-A , Part_I
6	Patch Panel – 24 ports	Nos.	54						As per Appendix-A , Part_I
7	CAT 6 IO Box (single port) including outlets	Nos.	1922						As per Appendix-A , Part_I
8	CAT 6 Patch Cord (1 meter)	Nos	2180						As per Appendix-A , Part_I
9	CAT 6 Patch Cord (2 Meter)	Nos	1922						As per Appendix-A , Part_I
10	Remote Router	Nos.	52						As per Appendix-A , Part_I
11	Core Router with Fibre Module	Nos.	02						As per Appendix-A , Part_II

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Date: _____
NCB No: _____
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1	2	3	4	5	6	7	8	9	10
Item No.	Description of Item	Unit of Supply	Qty of units require	Unit Price Ex Works	Total Price (col 4 x 5)	Cost to deliver and install Goods to final destination	Total price Delivered (col. 6 +7)	VAT and other taxes payable if contract is awarded	Delivery Period Offered
12	Core L3 Switch with Fiber module	Nos.	02						As per Appendix-A , Part_II
13	12 U Rack	Nos.	63						As per Appendix-A , Part_I
14	42 U Rack	Nos.	01						As per Appendix-A , Part_II
15	Wireless Access Point	Nos.	02						As per Appendix-A , Part_II
16	Firewall with Fibre Module	Nos.	02						As per Appendix-A , Part_II
17	Unified Threat Management (UTM)	Nos.	02						As per Appendix-A , Part_II
C	CATEGORY C: Software								

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Date: _____
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1	2	3	4	5	6	7	8	9	10
Item No.	Description of Item	Unit of Supply	Qty of units require	Unit Price Ex Works	Total Price (col 4 x 5)	Cost to deliver and install Goods to final destination	Total price Delivered (col. 6 +7)	VAT and other taxes payable if contract is awarded	Delivery Period Offered
1	Network Monitoring Software (NMS)	Nos.	01						As per Appendix-A , Part_II
2	MS Office (Office standard 2016)	Nos.	1443						As per Appendix-A , Part_II
3	Anti Virus	Nos.	1443						As per Appendix-A , Part_II
D	CATEGORY D: Supply of LAN Cabling & Electrical Wiring ITEMS (for locations as mentioned in the schedule of requirements: bidders are requested to read the note at the end of the price schedule)								

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Date: _____
NCB No: _____
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1	2	3	4	5	6	7	8	9	10
Item No.	Description of Item	Unit of Supply	Qty of units require	Unit Price Ex Works	Total Price (col 4 x 5)	Cost to deliver and install Goods to final destination	Total price Delivered (col. 6 +7)	VAT and other taxes payable if contract is awarded	Delivery Period Offered
1.	Supply of UTP cable with "casing capping" etc. from core/departmental switches (patch-panel) to user points; will have to be supplied as per requirement (UTP Cable should be supplied as per specification mentioned at Appendix-D.23). [Billing will be at actual; for comparison to get L1 vendor, 1500 meter will be assumed]	meter	1500						As per Appendix - A
2.A	Electrification: of one 7 x 4 Sheet Board comprising of 2 x 6A switch (ISI marked) and 2 x 6A (ISI marked) socket. [Billing will be at actual: for comparison to get L1 vendor, 1500 numbers will be assumed]	Nos	1500						As per Appendix - A

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Date: _____
NCB No: _____
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1	2	3	4	5	6	7	8	9	10
Item No.	Description of Item	Unit of Supply	Qty of units require	Unit Price Ex Works	Total Price (col 4 x 5)	Cost to deliver and install Goods to final destination	Total price Delivered (col. 6 +7)	VAT and other taxes payable if contract is awarded	Delivery Period Offered
2.B	Electrification:Rate for Supply, 2 nos. x 4.00 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) & 1 no. 2.5 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) with conduit PVC casing capping etc. [Billing will be at actual; for comparison to get L1 vendor, 1500 m will be assumed]	Meter.	1500						As per Appendix - A
							Total Price		

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

Note:

- 1. For Evaluation Purpose: bidders to quote the prices for supply of 1500 units of CAT UTP cable & sheet board with insulated copper cable respectively to arrive for L1 bidder. Although the payment will be made on the actual numbers used; as verified by the respective authorities. The above table represents the cost of material only.**
- 2. Payment for over and above 1500 units will be made on pro-rata basis as per actual consumption.**
- 3. Installation costs are to be quoted in the related services schedule at page 66.**

PRICE AND COMPLETION SCHEDULE - RELATED SERVICES

NCB No:FEB(WB-
PMU)10/2015/136

Date

1	2	3	4	5	6	7	8	9	10
Item N° .	Description Of Related Service	Unit of Supply	Qty Of units Required	Unit price	Total price (col. 4 × 5)	Other Related Costs	Total price (col. 6 +7)	VAT and other taxes payable if contract is awarded	Point of Delivery And date Required
		Note 1	Note 1			Note 1		Note 2	
LOT No. 1: THE SUPPLY OF COMPUTER, NETWORK HARDWARE AND ITS PERIPHERALS, INCLUDING THE WORK OF POWER SUPPLY AND NETWORKCABLING AT VARIOUS OFFICES UNDER THE COMMISSIONER OF TAXES, ASSAM									
1	Installation and Commissioning cost of the supplied Goods (computers, printers, router, switch, firewall, MS office, Antivirus etc)	<i>Lumpsum</i> <i>(For the whole lot)</i>	<i>ONE</i> <i>(For the whole lot)</i>						As per location details in the schedule of requirements
2	Operation and maintenance (AMC/Warranty) cost for five years.	<i>Lumpsum</i> <i>(For the whole lot)</i>	<i>ONE</i> <i>(For the whole lot)</i>						As per location details in the schedule of requirements
3	Preventive maintenance cost for five years (half yearly periodic preventive maintenance report should be submitted , This service shall not relieve the Supplier of any warranty obligations under this Contract.)	<i>Lumpsum</i> <i>(For the whole lot)</i>	<i>ONE</i> <i>(For the whole lot)</i>						As per location details in the schedule of requirements

4	Installation of RJ45 outlets, IO box and mounting on wall.([Billing will be at actual; for comparison to get L1 vendor, 1500 numbers will be assumed] and warranty cost for 5 years	<i>Nos</i>	1500						As per location details in the schedule of requirements
5	Rate for Laying UTP cable with "casing capping" etc. from core/departmental switches (patch- panel) to user points; [Billing will be at actual; for comparison to get L1 vendor, 1500 meter will be assumed] and warranty cost for 5 years	<i>meter</i>	1500						As per location details in the schedule of requirements
6	Electrification: Rate of fixing of one 7 x 4 Sheet Board comprising of 2 x 6A switch (ISI marked) and 2 x 6A (ISI marked) socket complete with Interconnections and mounting on wall. [Billing will be at actual: for comparison to get L1 vendor, 1500 numbers will be assumed] and warranty cost for 5 years	<i>Nos</i>	1500						As per location details in the schedule of requirements
7	Electrification :Rate fixing and laying of 2 nos. x 4.00 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) & 1 no. 2.5 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) with conduit PVC casing capping with interconnection between Main Power Supply to the switch Board. [Billing will be at actual;; for comparison to get L1 vendor, 1500 m will be assumed] and warranty cost for 5 years	<i>Meter</i>	1500						As per location details in the schedule of requirements
	Total Price of the Related Services.								

Note:

- 1. For Evaluation Purpose: bidders to quote the prices for supply of 1500 units of CAT UTP cable & sheet board with insulated copper cable respectively to arrive for L1 bidder. Although the payment will be made on the actual numbers used; as verified by the respective authorities. The above table represents the cost of material only.**
- 2. Payment for over and above 1500 units will be made on pro-rata basis as per actual consumption.**
- 3. Installation costs are to be quoted in the related services schedule at page 66.**

5. Form of Bid Security

(Bank Guarantee)

[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: Commissionerate of Taxes,

Commissioner of Taxes, Assam

Kar Bhawan, G.S. Road

Dispur, Guwahati-781006

Ph: +91 361-2232513/2232670

Fax: +91 361-2232677

e-mail: cotassam@yahoo.com

IFB No.: *NCB/FEB(WB-PMU)10/2015/136*

Date:*[Insert date of issue]*

BID GUARANTEE No.:*[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that _____ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its bid (hereinafter called "the Bid") for the execution of _____ under Invitation for Bids No. _____ ("the IFB").

Furthermore, we understand that, according to the Beneficiary's conditions, bids must be supported by a bid guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (_____) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Bid during the period of bid validity set forth in the Applicant's Letter of Bid ("the Bid Validity Period"), or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period or any extension thereto provided by the Applicant, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the performance security, in accordance with the Instructions to Bidders ("ITB") of the Beneficiary's bidding document.

This guarantee will expire: (a) if the Applicant is the successful bidder, upon our receipt of copies of the contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such contract agreement; or (b) if the Applicant is not the successful bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the bidding process; or (ii) forty five days after the end of the Bid Validity Period.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

[Signature(s)]

6.MANUFACTURER'S AUTHORIZATION

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are legally binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date: *[insert date (as day, month and year) of Bid Submission]*

NCB No.: *[insert number of bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract against the above IFB.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm against this IFB.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Note – Modify this format suitably in cases where manufacturer's warranty and guarantee are not applicable for the items for which bids are invited. If the supply consists of number of items, indicate the specific item (s) for which alone the above authorization is required.

7. DECLARATION FOR CLAIMING EXCISE DUTY EXEMPTION

(Name of the Project)

Bid No.
Description of item to be supplied

(Information for issue of certificate for claiming exemption of Excise Duty (ED) in terms of Central excise notification No. 108/95)

(Bidder's Name and Address):

**To
(Name of Purchaser)**

.....

Dear Sir:

1. We confirm that we are solely responsible for obtaining deemed export benefits which we have considered in our bid and in case of failure to receive such benefits for reasons whatsoever, Purchaser will not compensate us.
2. We are furnishing below the information required by the Purchaser for issue of necessary certificate in terms of Central Excise notification no 108/95 read along with all subsequent amendments including the amendment dated 01-03-2008.

(i) Ex-factory price per unit on which ED is payable: *Rs. _____

(ii) No of Units to be supplied: _____

(iii) Total cost on which ED is payable (Rs.) _____

(The requirements listed above are as per Current notifications. These may be modified, as necessary, in terms of the rules in force)

(Signature) _____
(Printed Name) _____
(Designation) _____
(Common Seal) _____

** Please attach details item-wise with cost, if there are more than one items. The figures indicated should tally with what is given in the price schedule.*

8. PROFORMA FOR PERFORMANCE STATEMENT

[Please see ITB Clause 36.2 and Section III-
Evaluation and Qualification Criteria]

Proforma for Performance Statement (for a period of last three years)

Bid No. _____ Date of opening _____ Time _____ Hours

Name of the Firm _____

<u>Order placed by (full address of Purchaser)</u>	<u>Order No. and date</u>	<u>Description and quantity of ordered equipment</u>	<u>Value of order</u>	<u>Date of completion of delivery</u>		<u>Remarks indicating reasons for late delivery, if any</u>	<u>Has the equipment been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)</u>
				As per contract	Actual		
1	2	3	4	5	6	7	8

Signature and seal of the Bidder _____

9. PROFORMA FOR OTHER DETAILS OF BIDDER, MANUFACTURER AND ITS BANK

1. Name & full address of the Manufacturer:

- 2 (a) Telephone & Fax No Office /Works
 (b) Telex No. Office /Works Office /Works
 (c) Email

3. Location of the manufacturing factory.

4. Name & full address of the Bidder

5. (a) Telephone & Fax No Office /Factory/Works
 (b) Telex No. Office /Works Office /Works
 (c) Email

6. Financial Details of Bidder

Year	2012 - 2013	2013 - 2014	2014 - 2015	Average Annual
Turnover in (INR)				

7. Details of two Persons that Department may contact for requests for clarification during bid evaluation:

	First	Second
Name		
Tele No.(Direct)		
Mobile No.		
E-mail		

8. Bank details from where the Bank Guarantee for Bid Security has been issued:

- (i) Name and address of the Bank:
 (ii) For a foreign bank, name of correspondent Bank in India:
 (iii) Name of the contact Person
 (iv) Phone number/Mobile
 (v) Fax Number
 (vi) Email address

Signature and seal of the Bidder

SECTION V. – ELIGIBLE COUNTRIES

Public Information Center

Eligibility for the Provision of Goods, Works and Non Consulting Services in Bank-Financed Procurement

In reference to ITB 4.7 and 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this bidding process:

Under ITB 4.7(a) and 5.1: *None*

Under ITB 4.7(b) and 5.1: *None*

SECTION VI. BANK POLICY - CORRUPT AND FRAUDULENT PRACTICES

Guidelines for Procurement of Goods, Works, and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011.

“Fraud and Corruption:

1.16 It is the Bank’s policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.² In pursuance of this policy, the Bank:

- (a) Defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;³
 - ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;⁴
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;⁵
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;⁶

² In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

³ For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

⁴ For the purpose of this sub-paragraph, “party” refers to a public official; the terms “benefit” and “obligation” relate to the procurement process or contract execution; and the “act or omission” is intended to influence the procurement process or contract execution.

⁵ For the purpose of this sub-paragraph, “parties” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

- (v) "obstructive practice" is:
- (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare mis-procurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- (d) will sanction a firm or individual, at any time, in accordance with the prevailing Bank's sanctions procedures,⁷ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated⁸;
- (e) will require that a clause be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers and contractors, and their sub-

⁶ For the purpose of this sub-paragraph, "party" refers to a participant in the procurement process or contract execution.

⁷ A firm or individual may be declared ineligible to be awarded a Bank financed contract upon: (i) completion of the Bank's sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

⁸ A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

contractors, agents, personnel, consultants, service providers, or suppliers, to permit the Bank to inspect all accounts, records, and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the Bank.”

PART 2 - SUPPLY REQUIREMENTS

SECTION VII – SCHEDULE OF REQUIREMENTS

- 1. LIST OF GOODS AND DELIVERY SCEHDULE.....81
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1. LIST OF GOODS AND DELIVERY SCHEDULE

Line Item N°	Description of Goods	Qty	Physical unit	Final (Site) Destination as specified in BDS	Delivery (as per Inco terms) Date, at destination as per Appendix A		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [<i>to be provided by the bidder</i>]
A	CATEGORY A: (Computers, Printers, Server & other Office Equipment)						
1.	Desktop Computers (Type – 1)	117	Nos.		6weeks from date of signing of contract	12 weeks from date of signing of contract	
2.	Desktop Computers (Type – 2)	1046	Nos.		-Do-	-Do-	
3.	Laptops	10	Nos.		-Do-	-Do-	
4.	Server (for NMS software)	01	Nos.		-Do-	-Do-	
5.	Laser Printer (MFP)	382	Nos.		-Do-	-Do-	
6.	Color Printers (MFP)	04	Nos.		-Do-	-Do-	
7.	UPS 500/600 VA (Type – 1)	1133	Nos.		-Do-	-Do-	
8.	UPS - 1 KVA (Type – 2)	63	Nos.		-Do-	-Do-	
9.	Portable Projector with Projection Screen	01	Set		-Do-	-Do-	
B	CATEGORY B: Networking Equipment & Accessories						
1	L2 Managed Switch – 48 ports with SFP module	08	Nos.		6weeks from date of signing of contract	12weeks from date of signing of contract	

Line Item N°	Description of Goods	Qty	Physical unit	Final (Site) Destination as specified in BDS	Delivery (as per Inco terms) Date, at destination as per Appendix A		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [<i>to be provided by the bidder</i>]
2	L2 Managed Switch – 48 ports	63	Nos.		-Do-	-Do-	
3	L2 Managed Switch – 24 ports	42	Nos.		-Do-	-Do-	
4	L2 Managed Switch – 16 ports	24	Nos.		-Do-	-Do-	
5	Patch Panel – 48 ports	30	Nos.		-Do-	-Do-	
6	Patch Panel – 24 ports	54	Nos.		-Do-	-Do-	
7	CAT 6 IO Box (single port)including outlets	1922	Nos.		-Do-	-Do-	
8	CAT 6 Patch Cord (1 meter)	2180	Meter		-Do-	-Do-	
9	CAT 6 Patch Cord (2 Meter)	1922	Meter		-Do-	-Do-	
10	Remote Router	52	Nos.		-Do-	-Do-	
11	Core Router with Fibre Module	02	Nos.		-Do-	-Do-	
12	Core L3 Switch with fibre module	02	Nos.		-Do-	-Do-	
13	12 U Rack	63	Nos.		-Do-	-Do-	
14	42 U Rack	01	Nos.		-Do-	-Do-	

Line Item N°	Description of Goods	Qty	Physical unit	Final (Site) Destination as specified in BDS	Delivery (as per Inco terms) Date, at destination as per Appendix A		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [<i>to be provided by the bidder</i>]
15	Wireless Access Point	02	Nos.		-Do-	-Do-	
16	Firewall with Fibre Module	02	Nos.		-Do-	-Do-	
17	Unified Threat Management (UTM)	02	Nos.		-Do-	-Do-	
C	CATEGORY C: Software						
1	Network Monitoring Software (NMS)	01	Nos.		6 weeks from date of signing of contract	12 weeks from date of signing of contract	
2	MS Office (Office standard 2016)	1443	Nos.		-Do-	-Do-	
3	Anti Virus	1443	Nos.		-Do-	-Do-	
D	CATEGORY D: LAN Cabling & Electrical Wiring (for locations as mentioned in the schedule of requirements)						
1	Supply of UTP cable with "casing capping" etc. from core/departmental switches (patch-panel) to user points; will have to be supplied as per requirement (UTP Cable should be supplied as per specification mentioned at Appendix-A.22). [Billing will be at actual; for comparison to get L1 vendor, 1500 meter will be assumed]	1500	Meter		6 weeks from date of signing of contract	12weeks from date of signing of contract	
2.A	Electrification: of one 7 x 4 Sheet	1500	Meter		6 weeks	12weeks from date	

Line Item N°	Description of Goods	Qty	Physical unit	Final (Site) Destination as specified in BDS	Delivery (as per Inco terms) Date, at destination as per Appendix A		
					Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [<i>to be provided by the bidder</i>]
	Board comprising of 2 x 6A switch (ISI marked) and 2 x 6A (ISI marked) socket. [Billing will be at actual: for comparison to get L1 vendor, 1500 numbers will be assumed]				from date of signing of contract	of signing of contract	
2.B	Electrification:Rate for Supply, 2 nos. x 4.00 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) & 1 no. 2.5 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) with conduit PVC casing capping etc. [Billing will be at actual; for comparison to get L1 vendor, 1500 m will be assumed]	1500	Meter		6 weeks from date of signing of contract	12weeks from date of signing of contract	

2. List of Related Services [ITB Clause 14.8(b)] and Completion Schedule

Service	Description of Service	Quantity ¹	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
1	Installation and Commissioning cost of the supplied Goods (computers, printers, router, switch, firewall, MS office, Antivirus etc)	ONE (For the whole lot)	LUMPSUM	As per the locations mentioned in the schedule of requirement	Within 12 weeks from the signing of the contract.
2	Operation and maintenance (AMC/Warranty) for five years.	ONE (For the whole lot)	LUMPSUM	As per the locations mentioned in the schedule of requirement	For five years
3	Preventive maintenance cost for five years (half yearly periodic preventive maintenance report should be submitted , This service shall not relieve the Supplier of any warranty obligations under this Contract.)	ONE (For the whole lot)	LUMPSUM	As per the locations mentioned in the schedule of requirement	Half Yearly for five years
4	Installation of RJ45 outlets, IO box and mounting on wall.([Billing will be at actual; for comparison to get L1 vendor, 1500 numbers will be assumed])	1500	Nos	As per the locations mentioned in the schedule of requirement	Within 12 weeks from the signing of the contract
5	Laying UTP cable with "casing capping" etc. from core/departmental switches (patch- panel) to user points; [Billing will be at actual; for comparison to get L1 vendor, 1500 meter will be assumed]	1500	meter	As per the locations mentioned in the schedule of requirement	Within 12 weeks from the signing of the contract

6	Electrification: Fixing of one 7 x 4 Sheet Board comprising of 2 x 6A switch (ISI marked) and 2 x 6A (ISI marked) socket complete with Interconnections and mounting on wall. [Billing will be at actual: for comparison to get L1 vendor, 1500 numbers will be assumed]	1500	nos	As per the locations mentioned in the schedule of requirement	Within 12 weeks from the signing of the contract
7.	Electrification : Fixing and laying of 2 nos. x 4.00 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) & 1 no. 2.5 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) with conduit PVC casing capping with interconnection between Main Power Supply to the switch Board. [Billing will be at actual;; for comparison to get L1 vendor, 1500 m will be assumed]	1500	meter	As per the locations mentioned in the schedule of requirement	Within 12 weeks from the signing of the contract

3. TECHNICAL SPECIFICATIONS FOR IT HARDWARE, SOFTWARE & ANCILLARY GOODS

Appendix –D

1.A Desktop Computers (Type I)

Features	Required Specifications	Offered Specifications
Make and Model No.		
Description	All-in-One (AIO) / Desktop /Tower	
Processor	Desktop having 6th Gen intel i7 or equivalent or higher with minimum 3.4 Ghz Clock Speed and 8 MB cache.	
Memory	8GB DDR4 2133 MHz or higher Minimum of 2 DIMM Slots with support for upto 32GB	
Ports	1 USB 3.0, 2 USB 2.0, (excluding USB ports for keyboard and mouse if any required), 1 VGA / HDMI, 1 Headphone / Microphone combo, 1 AC power, 1 RJ 45	
Hard Disk Drive	1TB 7200 RPM or Higher	
Optical Drive	8X DVD Writer	
Graphics	Integrated Graphics	
Display	20 inch or above, and minimum resolution 1280*1024 or above.	
Network Connectivity	10/100/1000 Gigabit Ethernet and internal wireless LAN card included	
Keyboard	PS/2 / USB interface	
Mouse	PS/2 / USB interface; Optical Mouse.	
Operating System	Windows 10 Pro / Windows 8.1 Pro 64 bit; Product OEM should give a declaration that the operating system will be preloaded from the OEM factory premises. This should be signed by a person on OEM letterhead holding the Power of Attorney. And Brochure and specification sheets of the product to be available in public domain. OS and device driver media (CD/DVD) should be available for each desktop.	
BIOS	Manageability enabled, Thermal and Power management, Power-on Password, Boot power password, USB port disable, BIOS based system diagnostics	
Certification	EPEAT - gold, Energy Star	
Warranty	5 yrs onsite comprehensive OEM warranty and all Drivers should be available for download from OEM site for at least 5 years from the date of purchase order	

1.B Desktop Computers (Type II)

Features	Required Specifications	Offered Specifications
Description	All-in-One (AIO) / Desktop /Tower	
Make and Model No.		
Processor	Desktop having 6th Gen intel i7 or equivalent or higher with minimum 3.4 Ghz Clock Speed and 8 MB cache.	
Memory	8GB DDR4 2133 MHz or higher Minimum of 4 DIMM Slots with support for upto 32GB	

Ports	1 USB 3.0, 2 USB 2.0, (excluding USB ports for keyboard and mouse if any required), 1 VGA / HDMI, 1 Headphone / Microphone combo, 1 AC power, 1 RJ-45	
Hard Disk Drive	500 GB 7200 RPM or Higher	
Optical Drive	8X DVD Writer	
Graphics	Integrated Graphics	
Display	20 inch or above, and minimum resolution 1280*1024 or above.	
Network Connectivity	10/100/1000 Gigabit Ethernet	
Keyboard	PS/2 / USB interface	
Mouse	PS/2 / USB interface; Optical Mouse.	
Operating System	Windows 10 Pro / Windows 8.1 Pro 64 bit; Product OEM should give a declaration that the operating system will be preloaded from the OEM factory premises. This should be signed by a person on OEM letterhead holding the Power of Attorney. And Brochure and specification sheets of the product to be available in public domain. OS and device driver media (CD/DVD) should be available for each desktop.	
BIOS	Manageability enabled, Thermal and Power management, Power-on Password, Boot power password, USB port disable, BIOS based system diagnostics	
Certification	EPEAT - gold, Energy Star	
Warranty	5 yr onsite comprehensive OEM warranty and all Drivers should be available for download from OEM site for at least 5 years from the date of purchase order	

2.A. UPS 600 VA

Features	Required Specifications	Offered Specifications
Make and Model No.		
Type	Line-interactive UPS	
Capacity	600 VA	
Input Voltage Range	145 - 290V	
Input Frequency	50 Hz +/- 10%	
Output Voltage	230V +/- 10 %	
Output Frequency	50 Hz +/- 1% (under battery mode)	
Noise	< 40 db at 1 m	
Protection	Overload, Short Circuit, Low Battery	
AVR	Built in Automatic Voltage Regulator (AVR)	
Indicators	LED indicators for AC Mains, DC,	
Battery Type & backup time	Batteries shall be of Sealed Maintenance Free (SMF) type	
	The system must be capable of providing requisite battery back-up time of 30 minutes using SMF Batteries as per VAH	
	rating below (Minimum VAH for 30 minutes back-up = 252 VAH)	

Recharge Time to 90% capacity	7-8 hours after complete discharge	
Ambient Conditions	Temperature: 0 to 45 deg Celsius Humidity: upto 95%	
Output Sockets	3 Indian 3 pin 5A sockets	
Certification	CE Certification (confirming to IEC 62040-1 & IEC 62040-2 Standards) ISO 9001, ISO 14001, OHSAS 18001 certified. RoHS Compliance Copies of the above certifications should be submitted with the technical Bid (compulsory).	
Warranty	5 years onsite comprehensive with battery OEM warranty	

2.B. UPS 1 KVA

Features	Required Specifications	Offered Specifications
Type	Line-interactive	
Capacity	1000 VA	
Input Voltage Range	140 – 280 V AC	
Input Frequency	50 Hz +/-10%	
Output Voltage	220 V +/- 10%	
Output Frequency	50 Hz +/- 0.5 Hz (under battery mode)	
Noise	< 40 db at 1 m	
Protection	Low Battery, Overcharge	
AVR	Built in Automatic Voltage Regulator (AVR)	
Indicators	LED indicators for AC Mains, DC, Load on Mains/Battery	
Battery Type & back-up time	Batteries shall be Sealed Maintenance Free (SMF) type. The system must be capable of providing 60 minutes battery back-up time as per VAH rating below : Minimum VAH for 60 minutes back-up = 624 VAH.	
Ambient Conditions	Temperature: 0 to 40 deg Celsius Humidity: upto 95%	
Certification	CE Certification (confirming to IEC 62040-1 & IEC 62040-2 Standards) ISO 9001, ISO 14001, OHSAS 18001 certified. RoHS Compliance Copies of the above certifications should be submitted with the technical Bid (compulsory).	
Warranty	5 years onsite comprehensive with battery OEM warranty	

3. Laser Printer (MFP)

Features	Required Specifications	Offered Specifications
Make and Model No.		
Description	Mono laser MFP	
Functions	Print, copy, scan	
Print Technology	Laser Technology	
Print speed	18 ppm A4 or higher	
Print Resolution	600x600 dpi or higher	
Duty Cycle Per Month	8,000 Pages or higher	
Input Tray Capacity	150 Pages	
Output tray capacity	100 pages	

Scanner Type	Flat Bed, 1200 dpi	
Copy Enlargement / reduce	30%~400%	
copy resolution	600 X 400 dpi	
Standard Connectivity	High Speed USB 2.0 and inbuilt Ethernet 10/100/1000 Base-TX	
Scan File Formats	PDF, TIF, BMP, JPG	
Compatible Operating Systems	Win 7 and higher and printer driver media (CD/DVD) should be available for each printer.	
Toner	New, sealed, OEM manufactured FULL Toner Cartridge included	
Warranty	Five Years Onsite comprehensive OEM warranty	

4. Color Laser Printer (MFP)

Features	Required Specifications	Offered Specifications
Make and Model No.		
Description	Colour Multifunction Laser Printer	
Main Functions	Print/ Scan/ Copy with Network and automatic both side printing	
Speed	Up to 20ppm in A4 (25ppm in Letter)for Mono and Colour or Higher	
Print: First-Page-Out	Less than 17 seconds (From Ready Mode)	
Print Resolution	600 x 600 dpi or higher	
Processor	500 MHZ or Higher	
Duty Cycle	10,000 Images/month or Higher	
Input	Minimum 150-sheet Standard Tray	
Output	Minimum 100-sheet Face Down	
Scan Type	Flatbed with ADF-35 sheets	
Duplex Print	Automatic (standard)	
Standard Connectivity	High-Speed USB 2.0/USB Host and inbuilt Ethernet 10/100/1,000 Base-TX	
Sizes	A4/A5/A6/Letter/Legal	
Operating Systems	Windows 8/7/or higher, Mac OS x 10.5 - 10.8, Various Linux	
Print features	Automatic Double Sided Print/Direct Print/Secure Print	
Warranty	5 yrsonsite comprehensive OEM warranty	

5. LAPTOPS

Features	Required Specifications	Offered Specifications
Make and Model No.		
Processor	Intel® 6 th Generation Corei7 or equivalent	
Memory	8 GB RAM, DDR3L / DDR3 1600 MHz expandable to 16 GB	
Storage	1 TB SATA (5400 rpm)	

Optical Drive	DVD+/-RW Super Multi DL	
Display	14 " / 15.6" HD LED backlit 1280*1024	
Graphics	Integrated Intel HD Graphics	
Ports	1 USB 3.0, 2 USB 2.0, 1 VGA, 1 HDMI 1 stereo microphone-in/headphone-out combo 1 AC power, 1 RJ-45	
Card reader	1 multi format media card reader	
Audio	HD audio support; dual speakers; single digital microphone	
Network interface	Ethernet (10/100)	
Wireless	802.11b/g/n (1x1) and Bluetooth® 4.0	
Webcam	720p Webcam inbuilt	
Operating System	Windows 10 Pro / Windows 8.1 Pro 64bit; Product OEM should give a declaration that the operating system will be preloaded from the OEM factory Premises. This should be signed by a person on OEM letterhead holding the Power of Attorney. And Brochure and specification sheets of the product to be available in public domain. OS and device driver media (CD/DVD) should be available for each laptop and Anti Virus with 5 years subscription.	
Bag	Backpack or equivalent	
Warranty	5 yrs onsite comprehensive OEM warranty and all Drivers should be available for download from OEM site for at least 5 years from the date of purchase order	

6.A L2 Managed Switch – 48 Ports with Fiber module

Features	Required Specifications	Offered Specifications
Make and Model No.		
Physical Specification	Should be 19" rack mountable with 48-port 10/100/1000 Mbps copper ports and having at least 2 SFP-based Gigabit Ethernet ports populated with transceivers in addition to the Copper Ports	
General Specification	A. Shell have 100 Gbps of switching throughput B. 2000 MAC address supported. C. Should Support Ipv6 (ready to use). D. Should support dual stack (ipv4 and ipv6) E. DHCPv4 Server & Client feature	
Layer 2 features	A. IEEE 802.1Q VLAN encapsulation. Up to 255 VLANs per switch and up to 4000 VLANIDs B. Support for Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors C. Spanning-tree Port Fast for fast convergence D. Support for Detection of Unidirectional Links and to disable them to avoid problems such as spanning –tree loops E. Should support etherchannel (LACP) F. Spanning Tree Protocol-STP, RSTP, MST G. Private VLAN.	

QoS features	<ul style="list-style-type: none"> A. Storm control, Bandwidth control and 802.1p/DSCP Priority Settings B. Up to 64 aggregate or individual polices for per Fast Ethernet or Gigabit Ethernet port. C. Support for Automatic Quality of Service for easy configuration of QoS features for critical applications. 	
Network Security Features	IEEE 802. 1x to allow dynamic, port-based security, providing user authentication. Should support filter source MAC address limit no of learned MAC address.	
SFP module	2 nos 1000BASE-LX/LH single-mode SFP transceiver module supporting dual LC/PC connector)	
Management	Web based management console, Telnet, CLI, SSH, SNMP, Should be able to assign interface VLAN IP address in addition to management VLAN IP address.	
Certification	UL60950, CSA22.2, CE mark, FCC part 15 (CFR 47) Class A	
Fibre Optic Patch chord	1 no of SC-LC and LC-LC each	
Warranty	5 yrs onsite comprehensive OEM warranty	

6.B. L2 Managed Switch– 48 Ports

Features	Required Specifications	Offered Specifications
Make and Model No.		
Physical Specification	Should 19” be rack mountable with 48-port 10/100/1000 Mbps Copper ports and having at least 2 SFP-based Gigabit Ethernet slots in addition to the Copper Ports	
General Specification	<ul style="list-style-type: none"> A. Shell have 100 Gbps of switching throughput B. 2000 MAC address supported. C. Should Support Ipv6 (ready to use). D. Should support dual stack (ipv4 and ipv6) E. DHCPv4 Server & Client 	
Layer 2 features	<ul style="list-style-type: none"> A. IEEE 802.1Q VLAN encapsulation. Up to 255 VLANs per switch and up to 4000 VLANIDs B. Support for Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors C. Spanning-tree Port Fast for fast convergence D. Support for Detection of Unidirectional Links and to disable them to avoid problems such as spanning –tree loops E. Should support ether channel (LACP) F. Spanning Tree Protocol-STP, RSTP, MST G. Private VLAN. 	
QoS features	<ul style="list-style-type: none"> A. Storm control, Bandwidth control and 802.1p/DSCP Priority Settings B. Up to 64 aggregate or individual polices for per Fast Ethernet or Gigabit Ethernet port. C. Support for Automatic Quality of Service for easy configuration of QoS features for critical applications. 	
Network Security Features	IEEE 802. 1x to allow dynamic, port-based security, providing user authentication Should support filter source MAC address limit no of learned MAC address.	

Management	Web based management console, Telnet, CLI, SSH, SNMP. Should be able to assign interface VLAN IP address in addition to management VLAN IP address.	
Certification	UL60950, CSA22.2, CE mark, FCC part 15 (CFR 47) Class A	
Warranty	5 yrs onsite comprehensive OEM warranty	

6.C L2 Managed Switch – 24 Ports

Features	Required Specifications	Offered Specifications
Make and Model No.		
Physical Specification	A. Should be rack mountable with 24-port 10/100/1000 Mbps copper ports and having at least 2 SFP-based Gigabit Ethernet slots in addition to the Copper Ports.	
General Specification	A. Shell have 52 Gbps of switching throughput B. 2000 MAC address supported. C. Should Support Ipv6 (ready to use). D. Should support dual stack (ipv4 and ipv6) E. DHCPv4 Server & Client	
Layer 2 features	A. IEEE 802.1Q VLAN encapsulation. Up to 255 VLANs per switch and up to 4000 VLANIDs B. Support for Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors C. Spanning-tree Port Fast for fast convergence D. Support for Detection of Unidirectional Links and to disable them to avoid problems such as spanning –tree loops E. Should support etherchannel (LACP) F. Spanning Tree Protocol-STP, RSTP, MST G. Private VLAN.	
QoS features	A. Storm control, Bandwidth control and 802.1p/DSCP Priority Settings B. Up to 64 aggregate or individual polices for per Fast Ethernet or Gigabit Ethernet port. C. Support for Automatic Quality of Service for easy configuration of QoS features for critical applications.	
Network Security Features	IEEE 802.1x to allow dynamic, port-based security, providing user authentication Should support filter source MAC address limit no of learned MAC address.	
Management	Web based management console, Telnet, CLI, SSH, SNMP. Should be able to assign interface VLAN IP address in addition to management VLAN IP address.	
Certification	UL60950, CSA22.2, CE mark, FCC part 15 (CFR 47) Class A	
Warranty	5 yrs onsite comprehensive OEM warranty	

6.D L2 Managed Switch – 16 Ports

Features	Required Specifications	Offered Specifications
Make and Model No.		
Physical Specification	A. Should be rack mountable with 16-port 10/100/1000 Mbps copper ports supporting UTP cable and having at least 2 SFP-based Gigabit Ethernet slots in addition to the Copper Ports.	
General Specification	A. Shell have 36 Gbps of switching throughput B. 2000 MAC address supported. C. Should Support Ipv6 (ready to use). D. Should support dual stack (ipv4 and ipv6) E. DHCPv4 Server & Client	
Layer 2 features	A. IEEE 802.1Q VLAN encapsulation. Support for Automatic Negotiation of Trunking Protocol, to help minimize the configuration & errors B. Spanning-tree Port Fast for fast convergence C. Support for Detection of Unidirectional Links and to disable them to avoid problems such as spanning –tree loops D. Should support etherchannel (LACP) E. Spanning Tree Protocol-STP, RSTP, MST F. Private VLAN.	
QoS features	A. Storm control, Bandwidth control and 802.1p/DSCP Priority Settings B. Up to 64 aggregate or individual polices for per Fast Ethernet or Gigabit Ethernet port. C. Support for Automatic Quality of Service for easy configuration of QoS features for critical applications.	
Network Security Features	IEEE 802. 1x to allow dynamic, port-based security. Should support filter source MAC address limit no of learned MAC address.	
Management	Web based management console, Console, Telnet, CLI, SSH, SNMP. Should be able to assign interface VLAN IP address in addition to management VLAN IP address.	
Certification	UL60950, CSA22.2, CE mark, FCC part 15 (CFR 47) Class A	
Warranty	5 yrs onsite comprehensive OEM warranty	

7.A & 7.B Patch Panel - 48 ports & 24 Ports

Features	Required Specifications	Offered Specifications
Make and Model No.		

Physical	<ol style="list-style-type: none"> 1. Panel RJ45 2. Gigabit ready rack mount 24-port panel 3. Cat6 patch panels deliver a steady 250 Mhz connection to copper Gigabit switches 4. Ideal for Ethernet, Fast Ethernet and Copper Gigabit Ethernet (1000Base-T) network applications 5. Backward compatible with Cat. 3, 4, 5, 5e, and 6 cabling 6. Use with TRENDnet TC-PDT Punch Down Tool, B0000AZK4D 7. Use with TRENDnet's TC-CT68 RJ-11/RJ-45 crimp/cut/strip tool, B0000AZK4G 	
Warranty	5 yrs onsite comprehensive OEM warranty	

8. CAT 6 IO Box (Single port)

PRESCRIBED SPECIFICATIONS	SPECIFICATIONS OFFERED
Make and Model No.	
Standard Conforms to CAT6 Work Area Data I/O Outlet (RJ45) adhering to EIA/TIA-568-B2.1 or ISO/IEC 11801(2002) or CENELEC EN50173-1 (2002) specifications	
Material ABS / UL 94 V-0	
No. of ports : One	
Warranty- 5 yrs onsite comprehensive OEM warranty	

9.A & 9.B Cat-6 Patch Cord (1-Meter and 2 Meter)

PRESCRIBED SPECIFICATIONS	SPECIFICATIONS OFFERED
Make and Model No.	
Cat 6 Unshielded Twisted pair 100 ̄ stranded cable	
Multi Strand and Highly flexible.	
Meets the performance requirements as specified under	
EIA/TIA Category 6 specification.	
24-26 AWG Round	
HDPE Insulation over conductors, PVC jacket all over	
Individual cable pair separated by a PE former	
UL94V-0 rated plastic	
RoHS Compliant	
ETL Verified	
ANSI/TIA/EIA-568-B.2	
ISO/IEC-11801	
warranty 5 yrs onsite comprehensive	

10. Remote Router

Features	Required Specifications	Offered Specifications

Hardware features	Should have support for Data, Voice, Video, Security	
	Should be chassis based & modular architecture with multicore processor for scalability and should be a single box configuration for ease of management.	
	Should support for embedded hardware based encryption	
	The Router should have minimum 4 GB Default flash memory scalable to 16 GB	
	Should have at least 4 slot for interface cards	
	Should have integrated USB port to provide console, storage and secure token capabilities	
	Chassis should be rack mountable type.	
	Should be supplied with necessary power cards, data cables, connectors, CD's, manuals, bracket accessories, wire managers and other appropriate accessories.	
Performance:	Shall support performance of 300 Mbps or higher with 64-bytes packets	
	Shall support variety of interfaces like V.35 Serial, Ethernet Interfaces – 1Gbps, 100Mbps, 10Mbps	
	Router should be able to be configured to dynamically route traffic across the best link based up on link reliability.	
	Shall support other IP Services like GRE tunneling, ACLs, IPSEC VPNs, NAT services.	
	Shall support Voice traffic optimization with features like WRED, RSVP.	
High Availability	Shall support boot options like booting from TFTP/ FTP server, Network node and Flash Memory	
	Shall support multiple storage of multiple images and configurations	
	Shall support link aggregation using LACP as per IEEE 802.3ad	
	Shall support VRRP or equivalent	
Protocol Support	Should support Routing protocols like IS-IS, RIP v1 & RIP v2, OSPF ver2, OSPF on demand, BGP4, BGP Route-Reflector.	
	Should support Multicast routing protocols IGMPv3, PIM-SM, PIM-SS, DVMRP, IPv4 to IPv6 Multicast, BFD, IEEE802.3ah, IEEE802.1ag	
	Should have OSPFv3	
	Shall support MPLS, Layer2 and Layer3 VPN, L2TPv3	
	Support for Load balancing Protocol.	
	Configuration Roll Back to recover the mis-configured router to last good configuration	
	Proposed router shall support MPLS L2 and L3 vpn features and security features like encryption and firewall simultaneously.	
Encapsulation Support	Shall support Encapsulation like Ethernet, 802.1q, PPP, MLPPP, FR, MLFR, Serial (RS232, RS449, X.21, V.35, EIA530), PPPoE.	
Security Features:	Support Standard ACL, Extended ACL	

	Support IPSEC Site-to-Site and Remote Access VPNs. Any Office to Any other office, dynamic establishment of VPNs so that the configuration & management of IPSEC VPNs becomes easier.	
	Support IPSEC VPNs should be able to carry data, voice, video	
	Support for MD-5 route authentication for RIP, OSPF and BGP	
	Shall support multi-level of access	
	Shall support SNMPv3 authentication, SSHv2	
	AAA support using Radius.	
	Shall support IPsec Tunnels	
	Shall support CHAP authentication for P-to-P links	
	Shall support DoS prevention through TCP Intercept & DDoS protection	
	Shall support IP Access list to limit Telnet and SNMP access to router	
	Shall support Multiple privilege level authentications for console and telnet access through Local database or through an external AAA Server.	
	Time based & Dynamic ACLs for controlled forwarding based on time of day for offices	
	IEEE 802.1x support for MAC address authentication	
	Router OS should be at least EAL3 (Common Criteria) or equivalent common criteria (network device protection profile) certified.	
	Shall support Voice capabilities	
	Should have support for in-built/external voice call processing in the event of WAN link failure to central call processing Engine capability for IP phones	
Debug, alarms & Diagnostics:	Support for monitoring of Traffic flows for Network planning and Security purposes	
	Trace-route, Ping and extended Ping	
	Should support extensive support for SLA monitoring for metrics like delay, latency, jitter, packet loss, RTP-Based VoIP traffic and should support the capability for measurement of the call setup time using H.323/SIP signalling protocol over IP network.	
	Shall support embedded event manager that enables automation of many network management tasks and directs the operation of router OS to increase availability, collect information, and notify external systems or personnel about critical events	
Accounting:	The router should have following accounting features:	
	Packet & Byte Counts	
	Start Time Stamp & End Time Stamps.	
	Network Time Protocol	
	Input & Output interface ports.	
	Type of service, TCP Flags & Protocol	
	Source & Destination IP addresses	
Source & Destination TCP/UDP ports		
Management	Shall have support for Web, GUI based management, CLI, Telnet and SNMPv3	
	Shall support Secure Shell for secure connectivity.	

	Embedded RMON support for four groups – history, statistics, alarms and events	
	Should have to support Out of band management through Console	
	Event and System logging: Event and system history logging functions shall be available. The Router shall generate system alarms on events. Facility to put selective logging of events onto a separate hardware here the analysis of log shall be available.	
	Pre-planned scheduled Reboot Facility: The Router shall support the pre-planned timed reboot to upgrade their hardware to a new software feature and plan the rebooting as an off-peak time	
Interface Requirements from Day 1	Minimum 4 x 10/100/1000 Mbps Interfaces	
	Minimum 2 x SFP Ports (Ports should be populated with 1000BASE-LX/LH SFP transceiver module for SMF, 1300-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector)	
	1 Port Serial WAN (HWIC) Interface with v.35 smart serial cables	
	1 x console - RJ-45 and 1 x auxiliary - RJ-45 with necessary cable	
Warranty	5 yrs onsite comprehensive OEM warranty	

11. Core Router

Features	Required Specifications	Offered Specifications
Router Hardware	The router should be modular in architecture with a services-based hardware architecture	
	Should have redundant power supplies	
	Should have individual dedicated control plane processor and data plane processor module.	
	8GB of DRAM from day-1 which can be scalable upto 16GB.	
	Control plane Processor should have a support to perform the following control processor functions:	
	building L2 & L3 forwarding information tables.	
	Support for negotiating and maintaining IPsec authentication, encryption methods, and encryption keys.	
	Load the software image onto installed modules	
	The Data Plane Processor should have the following functions	
	MAC classification & Layer 2 and Layer 3 forwarding,	
	QoS classification, policing and shaping	
	Security access control lists (ACLs),	
	Support for VPNs and load balancing,	
	Router should have an integrated console & 10/100 Mbps management interface, in addition it should support a standard USB interface to allow for software image & configuration portability.	
Should be rack mountable		

	Should have status and health LEDs to diagnose system status on the front panel.	
	Should be a single chassis solution.	
	Modules & Power supplies should be hot swappable without the need of powering down the chassis during replacement.	
Router Performance	10 Gbps or higher throughput	
	Support for at least 2Million IPv4 routes, 2Million IPv6 routes	
	Support for 60K multicast routes and 3K groups	
High Availability	Support Stateful failover between software images with no loss of L2/L3 tables	
	Support Non-Stop Forwarding support to ensure data forwarding during software switch-over or upgrade	
	Should have support for modular software images, so that each software process runs independent of the other thus allowing for higher stability. Should also support online upgrade of patches for specific processes without affecting traffic forwarding operations on the router.	
Physical Interfaces Support	All the above ports should be in compliance with 802.3 standards	
	Should be capable of supporting 802.1q VLANs and VLAN trunking.	
	Should support port aggregation for higher bandwidth and redundancy.	
	The Gigabit Ethernet port should support multimode and single mode fiber connectivity	
	The router should support wide variety of interfaces including V.35, E1, E3 and STM-1 and Ethernet 10Mbps to 10Gbps WAN interfaces	
	Modules should support online insertion and removal	
Layer 3 Routing Protocols	The router must support the IPv4 and IPv6 stack in hardware and software. It must support both IPv4 and IPv6 routing domains separately and concurrently. It must also support the ability to bridge between IPv4 and IPv6 routing domains.	
	The router must support RIPv1 & RIPv2, OSPF, BGPv4 and IS-IS routing protocol.	
IPv6 Support	Should support IP version 6 in hardware.	
	Should support IPv6 static route, OSPFv3, IS-IS support for IPv6, Multiprotocol BGP extensions for IPv6, IPv6 route redistribution.	
	The router shall support dual stack IPv6 on all interfaces and IPv6 over IPv4 tunneling, IPv6 Multicast protocols – Ipv6 MLD, PIM-Sparse Mode, and PIM – SSM,Pv6 Security Functions – ACL, IPv6 Firewall, SSH over IPv6, MPLS Support for IPv6 - IPv6 VPN over MPLS (6VPE) Inter-AS options, IPv6 VPN over MPLS (6VPE), IPv6 transport over MPLS (6PE)	
	The router should support for IPv6 Multicast.	
	Should support IPv6 Quality of Service	
	Should perform IPv6 transport over IPv4 network (6 to4 tunnelling).	
	Should support SNMP over IPv6 for management.	
Quality of Service	Should support multilevel hierarchical queuing, which includes traffic classification; two-rate, three-color policing	
	Should have RSVP	
	The router should have IP precedence and also able to configure classes of service	
	Should be able support accounting based on IP precedence	
	The router should have congestion management techniques like RED and WRED	

	The router should support wide variety of queeuing technologies like WRED/LLQ/etc	
Security	The router should have multiple level of privileges and authentication for user access, along with SSH support for secured device access	
	Should support RADIUS and TACACS+ for AAA	
	Should support Network Address Translation (NAT)	
	Should have source and destinations based ACLs, time based ACLs, VLAN.	
	Should support MD5 authentication for routing protocols	
	The router should support IPsec encryption for data confidentiality.	
	The router should support 3DES and AES encryption standards.	
Management Features	The router should support in-band and out of band management	
	Should have SNMP v1 and v2	
	Should support Telnet client functionality	
	Should support TFTP or other technology for downloading/uploading software and configuration files	
	The router should be able to support multiple images for smoother upgradation	
	Should support online and extensive debugging features	
Interface Requirement from Day 1	12 numbers of Gigabit Ethernet interfaces [Type - minimum 8 X 1Gig Copper RJ45 and 2 X 1G SM transceiver(10km) and 2 X 1G MM transceiver with fiber patch cord].	
	2 x 10G SFP+ ports (1 X SM and 1 X MM with necessary transceivers/fiber patch cord).	
	1 x console - RJ-45 and 1 x auxiliary - RJ-45 with necessary cable	
	One free slots for future scalability	
Warranty	5 yrs onsite comprehensive OEM warranty	

12. Core L3 Switch

Features	Required Specifications	Offered Specifications
General features	The switch should have 20 X 1Gbps RJ45 ports, 8 nos of SFP Fiber Ports and 4 nos of SFP+ ports. Should be available to accommodate transceiver Modules of the same OEM make. All 1Gig and 10 Gig fiber ports should be populated with necessary transceivers and cables as per design. Should have 4GB DRAM & 2GB Flash memory.	
	The switch should support atleast 480 Gbps of stacking bandwidth	
Layer 2 features	The switch should support 802.1d Spanning Tree , 802.1w RSTP , 802.1s (MSTP)	
	The switch should support IEEE 802.3ad Link Aggregation Control Protocol (LACP) supporting upto 8 groups and 8 ports per group	
	The switch should support atleast 4000 VLANs simultaneously	
	The switch should support Port-based and 802.1Q tag-based VLANs, MAC-based VLAN, ManagementVLAN, Private VLAN, Radius server along with 802.1x client authentication	
	The switch should support Unidirectional Link Detection to detect unidirectional links caused by incorrect wiring or cable/port faults to prevent forwarding loops and blackholing of traffic in switched networks	

	The switch should support Jumbo frames of 9000 bytes	
	The switch should support 16000 MAC addresses	
Layer 3 features	IPv4 and IPv6 Static Route and multicast routing. (Routing Table size should fit proposed architecture)	
	The switch should support layer 3 interface on physical port, LAG, VLAN interface	
	The switch should support Dual IPv6/IPv4 stack	
	The Switch should support IPv4 DHCP Server serving IP addresses for multiple DHCP pools/scopes	
	The switch should Support DHCP options	
	Dynamic Routing protocol support like RIP, OSPF, BGP etc. from day 1.	
Security	The switch should support 802.1X: RADIUS authentication and accounting, MD5 hash; guest VLAN; unauthenticated VLAN, single/multiple host mode with single/multiple sessions	
	The switch should support STP Bridge Protocol Data Unit (BPDU) Guard ,STP Root Guard,DHCP snooping,IP Source Guard,Dynamic ARP Inspection (DAI),IP/Mac/Port Binding,Port security,Storm control,DoS prevention	
	The switch should support at-least 500 access control rules to drop or rate limit based on source and destination MAC, VLAN ID or IP address, protocol, port, differentiated services code point (DSCP)/IP precedence, TCP/ UDP source and destination ports,802.1p priority, Ethernet type, Internet Control Message Protocol (ICMP) packets, IGMP packets, TCP flag. Time-based ACLs should also be supported.	
	The switch should support a mechanism to manage sensitive data (such as passwords, keys, etc.) securely on the switch. Access to view the sensitive data as plaintext or encrypted is provided according to the user configured access level and the access method of the user.	
	The switch should provides Layer 2 isolation between devices in the same VLAN, even on multiple uplinks.	
	The switch should support the ability to lock Source MAC addresses to ports, and limit the number of learned MAC addresses.	
Quality of Service	The switch should support atleast 4 hardware queues	
	The switch should support scheduling based on (i) Strict priority and weighted round-robin and (ii) DSCP and class of service (802.1p/CoS)	
	The definition of class of service should be Port based; 802.1p VLAN priority based; IPv4/v6 IP precedence/type of service (ToS)/DSCP based; Differentiated Services (DiffServ);	
	The switch should support classification and remarking based on access control lists	
	The switch should allow rate limiting based on Ingress policer; egress shaping and rate control; per VLAN, per port, and flow based.	
	The QoS capabilities should be hardware based and supported on both IPv4 and IPv6 address	
	The switch should support a TCP congestion avoidance algorithm to minimize and prevent global TCP loss synchronization.	
	The switch should prioritize IPv6 packets and Drop or rate limit IPv6 packets in hardware	
Management	The switch should support browser-based device configuration (HTTP/HTTPS). The web based switch configuration utility should support system dashboard, system maintenance, and monitoring.	
	The switch should be configurable through command line interface	
	The switch should support SNMP versions 1, 2c, and 3 with support for traps and SNMP version 3 user-based security model	
	The switch should support Embedded RMON software agent supporting 4 RMON groups (history, statistics, alarms, and events) for enhanced traffic	

	management, monitoring, and analysis	
	The switch should support port/VLAN mirroring where the traffic on a port/VLAN can be mirrored to another port for analysis with a network analyzer or RMON probe. Up to 8 source ports/VLAN can be mirrored to one destination port. A single session should also be supported.	
	The switch should support dual operating system images	
	The switch should allow firmware upgrade through Web browser (HTTP/HTTPS) ,TFTP , over SCP running over SSH and Upgrade can be initiated through console port .	
	The configuration file of the switch can be edited with a text editor and can be downloaded to another switch, facilitating easier mass deployment	
	Should be able to automatically apply QoS and security capabilities to the port based on the devices discovered over LLDP-MED.	
	The following features should also be supported Traceroute; single IP management; HTTP/HTTPS; SSH; RADIUS; port mirroring; TFTP upgrade; DHCP client; BOOTP; SNTP; cable diagnostics; ping; syslog; Telnet client (SSH secure support)	
	The switch should support user-defined schedule for Link up or down	
Certification	The Switch should be Common Criteria EAL4 or NDPP certified.	
Warranty	5 yrs onsite comprehensive OEM warranty	

13. Firewall

Features	Required Specifications	Offered Specifications
Hardware and Performance	Firewall shall support 5 X 1Gb/s RJ-45 copper, 3 X 1Gb/s fiber ports and 2 X 10 Gb/s SFP+ copper/fiber. All ports to be populated with necessary transceivers with patch cord and usable from day1.	
	The appliance should be capable of providing Firewall, IPS, Application Control, Antimalware, VPN Services and other Next Generation Firewall feature	
	Should have a 64Bit Multi-Core Processor and should not be ASIC based architecture	
	The platform shall have dedicated interface for out-of band management	
	Firewall should have multiprotocol performance of 10 Gbps	
	NGFW combine performance should be 6 Gbps	
	Firewall should be capable configuring Policies using Command Line (CLI) as a last resort in case of Emergency.	
	Firewall should support maximum 1,000,000 concurrent connections	
	Firewall should support maximum 100,000 new connections per second (cps)	
	Should deliver VPN throughput of 3 Gbps	
	Firewall should support upto 100 virtual context/firewall	
	Firewall should support memory upto 24 GB Memory for better and faster processing.	
General features	The firewall shall be deployed in high availability mode (hot stand-by redundancy), have fault tolerance and shall provide stateful failover	
	firewall should have traffic-based and user based access control.	
	It should have SNMP (Simple Network Management Protocol) v 2.0 and v 3.0.	
	Firewall should have Single Sign On (SSO)	

	Network Address Translation (NAT) shall be configurable as 1:1, 1: many, many: 1, many:many, flexible NAT (overlapping IPs). Reverse NAT shall be supported.	
	Port address translation/Masquerading shall be provided for.	
	Dynamic Host Configuration Protocol (DHCP) over Virtual Private Network (VPN) shall be supported for dynamic allocation of IP addresses.	
	The firewall should have number of routing options and configurations. Routing protocol support shall include static routes, Open Shortest Path First (OSPF), RIPv1/v2.	
	Virtual LAN (VLAN) support, high port density, WAN support and expandability of interfaces over time are some important network integration features shall be supported.	
	The firewall IP stack shall be IPv6 ready.	
Attack protection	The firewall shall mask the internal network from the external world.	
	The firewall shall provide robust access control capability and be fast in making access control decisions. Access Control shall be done based on criteria such as source, destination IPs, port number, protocol, traffic type, application, date information (day of week, time of day), etc.	
	Multi-layer, stateful, application-based filtering shall be done	
	It shall provide network segmentation features with powerful capabilities that facilitate deploying security for various internal, external and DMZ (Demilitarized Zone) sub-groups on the network, to prevent unauthorized access.	
	There shall be support for detection of reconnaissance attempts such as IP address sweep, port scanning etc.	
	Firewall itself shall be resistant to attack and shall have protection against firewall evasion techniques.	
	Some basic attack protection features listed below but not limited to :	
	a. Maximum no of protections against attacks that exploit weaknesses in the TCP/IP protocol suite	
	b. It shall enable rapid detection of network attacks	
	c. TCP reassembly for fragmented packet protection	
	d. Brute force attack mitigation	
	e. SYN cookie protection , SYN Flood, Half Open Connections and NUL Packets	
	f. Protection against IP spoofing	
	g. Malformed packet protection	
	h. Java blocking, and real-time alerts	
VPN Features	The firewall shall support Internet Protocol Security (IPSec) & SSL	
	Key exchange with latest Internet Key Exchange (IKE), IKEv2, Public Key Infrastructure PKI (X.509) shall be catered to.	
	Site-to-site VPN tunnels: full-mesh / star topology shall be supported.	
	Firewall should have Latest Encryption algorithms including AES 128/192/256(Advanced Encryption Standards), 3DES(Data Encryption Standard) etc.	
	Firewall should have Latest Authentication algorithms including SHA-1(Secure Hash Algorithm-1), SHA-2(Secure Hash Algorithm-2) etc.,	
	IPSec NAT traversal shall be supported.	
	VPN - 1000 IPSec, SSL VPN peers The solution should support Remote Access VPN for both - Client and clientless for 1000 users	

Next Gen FW feature	Detection rules must be based on an extensible, open language (API) that enables users to create their own rules, as well as to customize any vendor-provided rules.	
	Detection rules provided by the vendor must be documented, with full descriptions of the identity, nature, and severity of the associated vulnerabilities and threats being protected against.	
	The detection engine must be capable of detecting and preventing a wide variety of threats (e.g., malware, network probes/reconnaissance, VoIP attacks, buffer overflows, P2P attacks, zero-day threats, etc.).	
	The detection engine must incorporate multiple approaches for detecting threats, including at a minimum exploit-based signatures, vulnerability-based rules, protocol anomaly detection, and behavioural anomaly detection techniques. Identify and explain each type of detection mechanism.	
	The detection engine must inspect not only Network Layer details and information resident in packet headers, but a broad range of protocols across all layers of the computing stack and packet payloads as well.	
	The detection engine must be resistant to various URL obfuscation techniques common to HTML-based attacks.	
	The solution must be capable of detecting and blocking IPv6 attack	
	The solution must provide IP reputation feed that comprised of several regularly updated collections of IP addresses determined by the proposed security vendor to have a poor reputation.	
	The solution should be capable of providing network-based detection of malware by checking the disposition of known files in the cloud using the SHA-256 file-hash as they transit the network (SHA-256 and target IP address should be given to aid remediation efforts)	
	Real-Time Contextual Awareness	
	The solution must be capable of passively gathering information about network hosts and their activities, such as operating system, services, open ports, client applications, and vulnerabilities, to assist with multiple activities, such as intrusion event data correlation, elimination of false positives, and policy compliance.	
	The solution must be capable of passively gathering information about session flows for all monitored hosts, including start/end time, ports, services, and amount of data.	
	The solution must be capable of storing user-defined host attributes, such as host criticality or administrator contact information, to assist with compliance monitoring.	
	The solution must be capable of passively gathering user identity information, mapping IP addresses to username, and making this information available for event management purposes.	
	The solution must be capable of passively gathering details unique to mobile devices traffic to identify a wide variety of mobile operating systems, mobile applications and associated mobile device hardware.	
	The solution must provide a detailed, interactive graphical summary that includes data on applications, application statistics, connections, intrusions events, hosts, servers, users, file-types, malwares and relevant URLs. These data should be presented in the form of vivid line, bar, pie and donut graphs accompanied by detailed lists (Administrator should easily create and apply custom filters to fine-tune the analysis).	
	Appliance have capacity to block source based on geo-location	

Intelligent Security Automation	The solution must be capable of employing an extensive set of contextual information (e.g., pertaining to the composition, configuration, and behaviour of the network and its hosts) to improve the efficiency and accuracy of both manual and automatic analysis of detected events.	
	The solution must be capable of significantly reducing operator effort and accelerating response to threats by automatically prioritizing alerts, ideally based on the potential for correlated threats to successfully impact the specific hosts they are directed toward.	
	The solution must be capable of dynamically tuning IDS/IPS sensors (e.g., selecting rules, configuring policies, updating policies, etc.) with minimal human intervention.	
	Application and URL control	
	The solution must integrate application control to reduce risks associated with applications usage and client-side attacks. It should provide a means of enforcing acceptable use policies of up to 3000 application detectors.	
	The solution must support creation of user-defined application protocol detectors.	
	The solution must have content awareness with comprehensive file detection policies and blocking of files by types, protocols and directions.	
	The proposed solution should provide an option to include URL filtering for enforcing Internet content filtering so as to reduce web born threats and improve productivity. Each URL in the data set must have an associated category and reputation. URL category is a general classification for the URL while URL reputation represents how likely the URL is to be used for purposes that might be against the organization's security policy.	
	The solution must be capable of easily identifying all hosts that exhibit a specific attribute or non-compliance condition.	
Anti-Malware Protection	The solution must be capable of providing network-based detection of malware by checking the disposition of known files in the cloud using the SHA-256 file-hash as they transit the network (SHA-256 and target IP address should be given to aid remediation efforts).	
Network Behavior Analysis (NBA)	The solution must provide a full-featured NBA capability to detect threats emerging from inside the network This includes the ability to establish "normal" traffic baselines through flow analysis techniques (e.g., NetFlow) and the ability to detect deviations from normal baselines	
	The NBA capability must provide visibility into how network bandwidth is consumed to aid in troubleshooting network outages and performance degradations.	
	The NBA capability must provide the ability to link Active Directory and/or LDAP usernames to IP addresses related to suspected security events.	
	The same network devices used for IPS must also be used as part of the NBA capability. No NBA-only device should be required.	
	The same management platform used for IPS must also be used to manage the NBA capability. No NBA-only management components should be required.	
NGFW Management and Usability	The management platform must be capable of centralized, life cycle management for all NGFW services/devices.	
	The management platform must be delivered in virtual appliance form factor (management system and UI must provide the same features and functions as in the physical appliance).	

	The management platform must be capable of aggregating IDS/IPS events and centralized, real-time monitoring and forensic analysis of detected events.	
	The management platform must be accessible via a web-based interface and ideally with no need for additional client software.	
	The management platform must provide a highly customizable dashboard.	
	The management platform must be capable of integrating third party vulnerability information into threat policy adjustment routines and automated tuning workflows.	
	The management platform must be capable of role-based administration, enabling different sets of views and configuration capabilities for different administrators subsequent to their authentication.	
	The management platform must include a scheduling subsystem to facilitate automation of routine tasks, such as backups, upgrades, report creation, and policy application.	
	The management platform must include one or more default (i.e., pre-defined) detection policy configurations to help simplify initial deployment.	
	The management platform must provide the capability to easily view, enable, disable, and modify individual rules, as well as groups or categories of rules.	
	The management platform must be capable of automatically receiving rule updates published by the vendor and automatically distributing and applying those rule updates to sensors.	
	The management platform must be capable of backup and rollback for sensor configurations and the management platform itself.	
	The management platform must include flexible workflow capabilities for managing the complete life cycle of an event, from initial notification through to any response and resolution activities that might be required.	
	The management platform must provide the ability to view the corresponding detection rule for each detected event, along with the specific packet(s) that caused it to be triggered.	
	The management platform must support both internal and external databases/systems for storage of event data, logs, and other system-generated information.	
	The management platform must be capable of synchronizing time between all components of the system via NTP.	
	The management platform must be capable of logging all administrator activities, both locally and to a remote log server.	
	The solution must support LDAP for single sign-on to sensors and the management console.	
Reporting and Alerting	The management platform must provide robust reporting capabilities, including a selection of pre-defined reports and the ability for complete customization and generation of new reports.	
	The management platform must allow quick report customization by importing from dashboards, workflows and statistics summaries.	
	The management platform must provide multiple report output types or formats, such as PDF, HTML, and CSV.	
	The management platform must support multiple mechanisms for issuing alerts (e.g., SNMP, e-mail, SYSLOG).	
Warranty	5 yrs comprehensive with software license OEM warranty	

14. Unified Threat Management

Features	Required Specifications	Offered Specifications
Architecture	12 X 10/100/1000 interfaces	
	4 X 1Gbps SFP interfaces and 2 X 10Gbps SFP interfaces (Populated with respective Transceivers/Cables)	
	400000 new connections or higher	
	40000 connections/sec or higher	
	1 Gbps or more Fully protected throughput (with all opted features functional)	
	Should have redundant hot swappable power supply	
	Should have minimum 16 GB RAM	
	The proposed solution should support unrestricted user/node license.	
	Should support 1000 concurrent users with per user based bandwidth control and reporting.	
1 X Management port and 1 Console Port		
Administration, Authentication & General Configuration	The proposed solution should support administration via secured communication over HTTPS, SSH and from Console.	
	The proposed solution should be able to export and import configuration backup including user objects	
	The proposed solution must be able to be deployed in Router (Layer 3) and Transparent mode (Layer 2), and Proxy Mode individually/simultaneously.	
	The proposed solution should support integration with Active Directory, LDAP, Radius or Local Database for user authentication.	
	The proposed solution must support Automatic Transparent Single Sign On for user authentication.	
	The proposed solution should be deployed as Proxy Server.	
	The proposed solution should support NTP.	
	The proposed solution should have support for Web admin console.	
	The proposed solution should support SNMP v1, v2c and v3.	
	The proposed solution must provide flexible, granular role-based GUI administration.	
	The proposed solution should support DHCP Server and DHCP Relay agent	
	The proposed solution should work as DNS Proxy	
High Availability	The proposed solution should support High Availability Active/Passive and Active/Active	
Firewall Feature	The proposed solution should be standalone appliance with hardened OS.	
	The proposed solution should have an ICSA/ EAL4+ certified firewall or NSS Lab Recommended	
	The proposed solution should support stateful inspection with user based one-to-one and dynamic NAT and PAT.	
	The proposed solution should use Source/Destination IP/Subnet/group, destination Port in firewall rule.	
	The proposed solution should support 802.1q VLAN tagging.	

	The proposed solution should support dynamic routing like RIP1, RIP2, OSPF, BGP4.	
	The proposed solution should support command line interface for Static/Dynamic routing.	
	The proposed system must provide Mac Address (Physical Address) based firewall rule configuration to provide OSI Layer 2 to Layer 7 security	
	The proposed solution must support IPv6	
	The proposed solution must support Granular Bandwidth Management which allows administrator to create user/IP/Network/Application based bandwidth policies.	
IPS	The proposed solution should be certified from reputed international organizational.	
	The proposed solution should have signature-based and protocol-anomaly-based Intrusion Prevention System.	
	The proposed solution should have 2500+ signatures in its database.	
	The proposed solution must support creation of custom IPS signatures.	
	The proposed solution must support creation of multiple IPS policies for different zones instead of a single blanket policy at interface level.	
	The proposed solution must allow disabling/enabling of IPS categories/signatures to reduce packet latency.	
	The proposed solution should update automatically by synchronizing with an update server.	
	The proposed solution should generate alerts in case of attacks.	
	The proposed solution should generate historical reports based on top alerts, top attackers, severity wise, top victims, protocol wise.	
	The proposed solution must be capable to provide session based IPS signature control with actions like: a. Drop Session: To drop the entire session if the traffic in that session matches with any IPS signature. b. Bypass Mode: To bypass the entire session if any traffic matches with IPS signature which is allowed to pass.	
Gateway Anti Virus	The proposed solution should have reputed international organizational certification for Anti virus/Anti Spyware.	
	The proposed solution should support scanning for SMTP, POP3, IMAP, FTP, HTTP, HTTPS, FTP over HTTP protocols.	
	The basic virus signature database of proposed solution should comprise all wild list signatures and variants, as well as those for malware like Phishing, spyware.	
	The proposed solution should provide the facility to add signature/disclaimer in mails.	
	The proposed solution should be able to block dynamic/executable files based on file extensions.	
	The proposed solution should support multiple anti virus policies based on sender/recipient email address or address group, notification setting, quarantine setting and file extension setting. There should not be just a single blanket policy.	

	The proposed solution should update the signature database automatically and it should also support manual update also.	
	The proposed solution should provide the option to bypass scanning for specific HTTP traffic.	
	The proposed solution should support real mode and batch mode for HTTP virus scanning.	
	The proposed solution should provide historical reports based on IP address, Sender, Recipient & Virus Names.	
Web Filtering Solution	The proposed solution should be certified from reputed international authority	
	The proposed solution should have a local database integrated into the system to avoid frequently querying a database hosted elsewhere.	
	The proposed solution must be able to work as a Standalone HTTP proxy.	
	The proposed solution must have a database containing 40 Million+ URLs categorized into 75+ web categories.	
	The proposed solution must have the following features inbuilt	
	a. Should be able to block HTTPS based URLs	
	b. Should be able to block URL based on regular expression	
	c. Should support exclusion list based on regular expression	
	d. Should be able to block any HTTP / HTTPS upload traffic.	
	e. Should be able to block google cached websites based on category.	
	g. Should be able to identify and block requests coming from behind a proxy server on the basis of username and IP address.	
	The proposed solution should support application control blocking features as follows	
	a. Should be able to block known Chat applications like Yahoo, MSN, AOL, Google, Rediff, Jabber etc.	
	b. Should support YouTube Education Filter	
	c. Should support blocking of File transfer on known Chat applications and FTP protocol.	
	The proposed solution must block HTTP or HTTPS based anonymous proxy requests.	
	The proposed solution should allow customization of Access Denied message for each category.	
	The proposed solution should be CIPA compliant and should have predefined CIPA based Internet access policy.	
	The proposed solution should have specific categories that broadly classify websites. For instance, websites that reduce employee productivity, bandwidth choking sites or malicious websites.	
	The proposed solution should be able to generate reports based on username, IP address, URL, groups, categories and category type.	
Bandwidth Management	The platform should support the standards based Link aggregation technology (IEEE 802.3ad) to achieve higher bandwidth.	
	The platform should support minimum 256 VLANs (802.1q)	

	Real-time monitoring and QoS policy enforcement capability on user/IP	
	Solution should be able to identify internet applications and protocols, including P2P, VoIP, video, streaming, gaming, instant messaging, web and business applications	
	Should support QoS based on application	
	Both Upstream and Downstream bandwidth can be managed	
	Solution should be able to manage bandwidth based on individual user, Group, IP, Network	
	Bandwidth Policy can be applied on the fly	
	Solution should support web category based bandwidth management	
	Guaranteed and Burstable bandwidth policy.	
	Application and User Identity based Traffic Discovery	
	Should support User, Group based surfing Quota	
	Should Support User, Group based Data Transfer Quota	
	The proposed solution should have integrated bandwidth management capability.	
	The proposed solution should be able to set guaranteed and burstable bandwidth per User/IP/Application on individual or shared basis.	
	The proposed solution should provide option to set higher priority for critical applications.	
	The proposed solution must provide web category based bandwidth management and prioritization.	
Logging and Reporting	The proposed solution should be able to be integrated with reporting solution.	
	The proposed solution should support drill down reports.	
	The proposed solution should allow exporting of reports in PDF and Excel format.	
	The proposed solution should support logging of Antivirus, Traffic discovery, IPS, Firewall activity on syslog server.	
	The proposed solution should provide detailed reports for all files uploaded via HTTP or HTTPS protocol. The report should include username/IP address/URL/File name/Date and Time.	
	The proposed solution should provide data transfer reports on the basis of application, username/ IP address.	
	The proposed solution should provide connection-wise reports for source IP, destination IP, source port, destination port or protocol.	
	The proposed solution should facilitate sending of reports on email address.	
	The proposed solution should support Auditing facility to track all activity carried out on the appliance.	
	The proposed solution should forward logging information of all modules to syslog servers.	
	The proposed solution should have customizable email alerts/automated Report scheduling.	
	The proposed solution should provide reports for all blocked attempts by users/IP address.	

	The proposed solution should be capable of forensic analysis to help organizations reconstruct the sequence of events that occurred at the time of security breach.	
Warranty	5 yrs comprehensive with software license OEM warranty	

15. Network Monitoring Software (NMS)

Specification	Required Specifications	Offered Specifications
Make and Model No.		
Features	<p>(a) Monitoring, reporting and manageability features</p> <p>(b) The performance level of services and hardware should be monitored continually in automatic software, Network Monitoring System (NMS), made available by the provider to the client. NMS should comprehensively address all the issues relating to performance, availability and uptime etc. and some of the salient features, which are desirable, are given below.</p> <p>The Network Monitoring Software should be based on industry standard FCAPS, which is developed by the ISO Telecommunications Management Network which is used to define the five key tasks of network management, fault, configuration, accounting, performance & security management.</p>	
Functionality	<ol style="list-style-type: none"> 1. Fault Management 2. Configuration Management 3. Accounting Management 4. Performance Management 5. Security Management <ul style="list-style-type: none"> • It should be possible to manage the complete network (minimum 250 routers and switches) from a single point using the Network Monitoring Software. • It should be possible to share NMS information with other locations, to facilitate local efforts in monitoring and maintenance. • NMS should provide the statistics regarding resource utilization and faults in the network. • NMS should give details such as bytes sent and bytes received by each location. <p>a. Age of equipment design. The platform chosen needs to be relatively recent in design, and not an earlier design approaching obsolescence.</p> <p>b. Upgradability. The hardware platform needs to be upgradeable in the future as new firmware is released. Firmware updates should be automatically uploaded to remote terminals.</p>	
Service and Maintenance	5 yrs onsite comprehensive and OEM support subscription	

16. Server (For NMS software)

Features	Required Specifications	Offered Specifications
Make and Model No.		
Processor	2 processor Intel Xeon E5 2667 V3 8 cores each OR better.	
Memory	128 GB LRDIMM DDR4 RAM 2133 Mhz	

Storage	7 X 1TB, 6G, 10K rpm, SAS drives with controller if required	
Fibre Channel	HBA Cards : 2* 8Gb PCIe single port Fibre Channel	
Network interface and ports	4 X 1Gb Ethernet ports, 4 USB (at least 2, 3.0),	
Keyboard, Mouse, Monitor	USB ports for keyboard, mouse, VGA port for monitor to connect to KVM switch.	
Mounting	RACK Mounted Kit. (19" wide, 1000 mm deep), Universal country kit.	
Optical Media	DVD ROM drive	
Power and Cooling	Dual redundant power supply; redundant fan system	
Operating System	Red Hat Enterprise Linux AS/ Windows 2012 Enterprise edition (Compatible with NMS)	
Warranty	5 yrs onsite comprehensive OEM Warranty.	

17. Portable Projector with portable screen

Features	Required Specifications	Offered Specifications
Make and Model No.		
Power Supply	100-240V	
Display Method	Transparent LCD panel (x3, R/G/B)	
Resolution	1024 x 768 pixels	
Lens	Manual zoom (1.6x) (throw ratio: 1.18–1.90:1), manual focus, F 1.60–1.90, f 15.31–26.24 mm	
Screen size (diagonal)	0.76–7.62 m (30–300 in), 4:3 aspect ratio	
Brightness	4000 lumens	
Lamp	240 W x 1 lamp	
Static Contrast	600:1	
Keystone correction range	Vertical: $\pm 40^\circ$ ($\pm 30^\circ$ when using Easy Setting), horizontal: $\pm 30^\circ$ ($\pm 20^\circ$ when using Easy Setting)	
Terminals	1 HDMI IN, 1 COMPUTER 1 IN, 1 COMPUTER 2 IN /MONITOR OUT, 1 VIDEO IN, 1 S-VIDEO IN, 1 AUDIO IN 1, 1 AUDIO IN 2 (MIC IN), 2 AUDIO IN 3, 1 AUDIO OUT 1 RJ-45 LAN, 1 USB	
Built-in speaker	4.0 cm (1 9/16") round shape x 1, output power: 5.0 W (monaural)	
Operation noise*	37 dB (lamp power: Normal), 29 dB (lamp power: Eco)	
Networking	10/100 Ethernet; IEEE802.11b/g/n	
Warranty	5 Years comprehensive	
Remote Control	To be included	
Cables & Connectors	5 m HDMI cable, 5 m Power cable	
portable projector Screen	Size: 48.0" H x 84.0" W. and easy to clean with soap and water.	
Warranty	5 yrs onsite comprehensive OEM Warranty	

18. Wireless Access Point

Features	Required Specifications	Offered Specifications
Make and Model No.		
General	Power over Ethernet (PoE)/AC Adapter	
Authentication Method	RADIUS, Secure Shell (SSH)	

Networking	Type -Wireless Access Point	
	Data Link Protocol - Ethernet, Fast Ethernet, IEEE 802.11g, IEEE 802.11b, IEEE 802.11g	
	Network / Transport Protocol – TCP/IP	
	Features - MAC address filtering, WPA upgradable, auto-uplink (auto MDI/MDI-X), manageable	
	Compliant Standards - IEEE 802.11b, IEEE 802.11g, IEEE 802.1x, IEEE 802.3af	
	Wireless Protocol -802.11b/g	
	Remote Management Protocol - HTTP, SNMP, Telnet	
	Communication Mode - Full-Duplex, Half-Duplex	
Warranty	5 yrs onsite comprehensive OEM Warranty	

19. 12 U RACK

Features	Required Specifications	Offered Specifications
Make and Model No.		
12 U Wall mounted Network Rack	Front Door with Toughened Glass quality Removable front panels with locking provision Adjustable Mounting rails - Front and Back Top & Bottom cable Insertion provision 2 Fan Mounting provision Easy Installation - Standing type and Wall Mounting provision with panel option Frame structure with max loading capacity up to 60kg With All kits	
Power	6 Points AC power supply with 6/15 Amps(Indian socket)	
Warranty	5 years onsite comprehensive	

20. 42 U RACK

Features	Required Specifications	Offered Specifications
Make and Model No.		
RACK Height	42U Rack 80.5(H)X37.75(D)X23.5(W) inch	
Power	2*12 Point A/C Power Supply Channel with 5/15Amps (Indian Socket)	
Tray	Equipment Mounting Tray 1 Slid-able Keyboard Tray--- 1	
Horizontal Manager	Horizontal Manager 1U--- 1 2	
Castor Wheel	Castor Wheel (for floor Standing Models) with Brakes	
Cooling	Fan Tray with 4 Fans (1U)	
Accessories	2 Sets of adjustable mounting rails (adjusting in 1 inch increments)	

	Removable/lockable side panels	
	Top and bottom removable cable slots	
	Glass front door/Vented Rear door	
	With All kits	
Warranty	5 yrs onsite comprehensive	

21. MS Office

PRESCRIBED SPECIFICATIONS	SPECIFICATIONS OFFERED
Office 2016 MOLP License compatible with both 32 bit and 64 bit	
Warranty- Five years license subscription renewal	

22. Antivirus Client license

PRESCRIBED SPECIFICATIONS	SPECIFICATIONS OFFERED
The antivirus solution should provide enhanced antivirus protection for desktops & servers of all the attacks originating from places inside/outside of the network due to virus and/or other malicious programming code.	
The antivirus solution Should have a Centralized Management Console	
The antivirus solution Should Support Multi -Platform operating system(Windows , Mac, Linux) and the same should be managed from a single Centralised Management console	
The antivirus solution Should have single, Configurable Installation with centralized configuration & policy management.	
Antivirus should support integration with Active directory for directory structure of computers for better management	
Automatic update of Antivirus Server from Vendor Site (Every 10 Min) & The client should get update from the local Server If updating from the Primary Server fails for any reason (such as the user being off the network) an attempt should be made to contact the Secondary Server (I.e Vendor site)	
Centralized scanning of all network Machines	
Anti virus Should be capable of pushing client installation from a centralized location and it should also support manual installation of client Via network share	
Administrator should have flexibility to schedule Scan and update at the endpoints from central Server.	
Antivirus should be able to capture Viruses, Trojans, Worms, Spyware and Malware, adware and PUA from single agent.	
Anti Virus Should have Host Intrusion Prevention System (HIPS) technology which works in 4 Layers to provide zero day protection without the need for updates (Unknown Virus Detection & Repair),	

Antivirus should have run time detection technology i.e behavioral & Heuristic scanning to protect from unknown viruses and buffer overflow protection integrated with AV scan engine for protection from threats/exploits that uses buffer overflow	
Anti-Virus Software must have the capability to clean, Quarantine or delete Viruses and should be able to detect new classes of viruses by normal virus definition update mechanisms	
Antivirus vendor should provide definitions with incremental updates. Should support daily update for definition files. Size of daily update should be extremely small in size (typically between 25 and 50kb in size)	
Administrator Should be able to add files, folders or extensions to an exclude list so that they are not scanned on access.	
Should enable automatic submissions of unknown/suspected virus samples to vendor and automatic response/delivery of the cure.	
Administrator should be able to lock down all anti-virus configurations at the desktop & User should be prevented from being able to uninstall the anti-virus software.	
Administrator must be able to distribute new and update anti-virus software, virus definitions and Policies automatically to clients and servers from a central location.	
Administrator Should be able to initiate virus sweeps remotely in case of an outbreak.	
Antivirus should provide centralized event logging to locate and cure virus problems.	
Alerts on virus activity should be passed on to administrator	
Antivirus solution should have the ability to remove third party security software (Another vendor AV products)at the endpoints.	
Antivirus Should have Personal Firewall (Client Firewall) with location awareness feature and it should block unsolicited inbound traffic, control outbound traffic, and apply policy rules based on traffic, ports, applications, and locations	
Antivirus solution Should have APPLICATION Control module with the ability to block or be alerted to the use of a long list of Un-Authorised applications (E.g. File Sharing, Games, etc.)	
Antivirus solution should have integrated DLP module (For example a policy could be created to monitor Personally Identifiable Information or Credit Card numbers being copied to a USB stick or Email Client.)	
Antivirus solution should have integrated DEVICE control module with a features to set devices to " Read Only " , "Add Exceptions'" and " Block " Black listing and whitelisting of the devices.	
Antivirus solution should have a Live web protection module Integrated into existing endpoint agent with no endpoint configuration required to Blocks URLs that are hosting malware and Should Support all major browsers - IE, Firefox, Safari, Opera, Chrome	
Vendor Should have Threat analysis centers to provide proactive rapid protection against known and unknown threats	
Should Have Patch Assesment and Notifications	
Vendor Should have 24*7 toll free Global Technical Support .	
Solution should have decision chaching technology , for scanning modes.	
Solution should have genotype technology.	

Should Have Web Filtering for Minimum 14 Categories and Ability to Intergrate with Full Web Security Functionality.	
Capabilities to Publish Updates through HTTP and Report remote Machines through Internet.	
Initial Deployment Agent Should not be more then 10 MB	
Updates Should not be More than 30~ 50Kb, and should be 4 times a Day, to Reduce Minimum impact on Bandwidth	
Patch assessment for top Vendors and assistance to understand security risk on endpoints	
Data protection policy to Monitor data copied or shared through external Mediums and Internet Browsers	
Device Blocking and Exceptions with Vendor and Model (Device ID)	
Standalone AV scanner in a Bootable format for All OS's	
Integrated HIPS for Easy of Management and Protection.	
Gardner Leader for More than 5 years	
AD Integration for Client depoyment for New Machines Added on Domain.	
Should have Encryption features as full disk and file folder	
Should be able to manage bit locker	
Warranty - Five years license subscription renewal and onsite support in all remote location	

23. CAT 6 UTP Cable

PRESCRIBED SPECIFICATIONS	SPECIFICATIONS OFFERED
Make and Model No.	
Should comply to EIA/TIA standards for Category 6	
Should have zero bit error free performance	
Should meet ANSI EIA/TIA 568C.2 standards	
Materials	
Conductors 23 AWG Solid Bare Copper, 4 pair, non plenum, CMR rated	
Insulation Polyethylene or equivalent	
Insulation Thickness 0.95 ± 0.02mm dia. nom	
Jacket FR PVC	
Flame Retardant Test CMR, Tested @ Max Temp of 75 Degree C	
Electrical characteristics	
Characteristic Impedance 100 ohms ± 15%, 1 MHz to 250 MHZ	
Capacitance Unbalance 330pF/100m	
Operating Temperature -15 Deg C to +75 Deg C	
Current Rating: 1.5Amps	
Contact Resistance 20mΩ max	
Standards	
CAT6 ANSI/TIA/EIA-568-B.2-1	
CAT6 ANSI/TIA/EIA-568-C.2	

Approvals	
UL Listed	
ETL Listed for performance and safety	
Approvals	
Warranty of LAN cabling – 5 years onsite comprehensive	

24. Electrification of Site.

PRESCRIBED SPECIFICATIONS	SPECIFICATIONS OFFERED
a) Supply and fixing of one 4 x 4 Sheet Board comprising of 1 x 6A switch (ISI marked) and 1 x 6A (ISI marked) socket complete with Interconnections and mounting on wall.	
b)Supply, fixing and laying of 2 nos. x 4.00 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) & 1 no. 2.5 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) with conduit PVC casing capping with interconnection between Main Power Supply to the switch Board.	
Warranty 5 yrscomprehensive onsite of Electrification	

Before supplying the Computer Hardware and its peripherals the Supplier will have to visit the sites as per **Appendix-A** and complete the job of Site Preparation as per the requirement of the Site for installation of Computer Hardware and its peripherals.

A. Site Preparation for Supply and Installation of Computer and Network Hardware and its peripherals

1. To install and commission structured LAN cabling within the Supplying location involving UTP cables, surface mount I/Os, patch codes, jack panels, any other components, in consultation with the local authorities. The below instructions need to be followed for the same.

A. The vendor has to discuss with local authorities about the LAN cabling. If new LAN cabling is required in the whole office, then vendor has to remove all old LAN cabling once new LAN cabling is completed.

B. If the Local authority informs that whole office LAN cabling not required but required in particular area, then vendor has to do new LAN cabling for that particular area.

C. It will be the full responsibility of vendor to do the structured LAN cabling in a neat and tidy way and maintenance of the same for five years.

2. The electric work required to install IT equipment will be done by the bidder or can be executed through a sub-contractor who is licensed electrical contractor.

The electrification work of the Computers and its peripherals will be done by the supplier in consultation with the local authorities and in compliance with the technical and environmental specifications as defined in **Appendix D**. The Purchaser will designate the installation sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the electrification and installation of the hardware.

The supplier will check the electrification before installing the systems to ensure that there is no short circuit, leakage of current in order to avoid any accident. The supplier must ensure proper and safe electrification to avoid any damage. In case of any major fault observed, supplier will be held responsible for such damage.

3. After completion of site preparation work the bidder has to procure a certificate from the officer in-charge as prescribe in **Appendix –B**, which should be submitted along with the final bill.

B. Scope of Supply

1. Supply of all the products and equipment (active and passive) specified in Bills of material as final in their appropriate quantity and capacity at their respective sites as shown in **Appendix-A**. Items should be nationally branded with their OEM certificates. It would be inclusive of but not exclusive to
 - Timely delivery to various locations as per the agreed timelines with the Department
 - Transporting the items – no extra / additional charges (road tax, excise, toll tax, insurance, etc.) would be considered for payment
 - **Safety** – The Supplying Agency would be responsible for maintaining adequate safety measures at the storage points. Depending upon the availability and suitability, appropriate location for storage would be provided by Taxation Department Assam. The Department would not be responsible for any losses due to theft, fire or any exigencies in this regard.
2. The bidder must not supply any equipment that is likely to be declared end of sale within five years from the date of supply. The bidder would have to replace any such equipment with at least the equivalent or higher configuration.
3. Supply of all such material e.g. nuts, screws, wires, electrical plugs/sockets etc. necessary for installation of the systems has to be provided by the Supplying Agency.
4. All parts to be supplied must be new and unused, except during testing.

C. Scope of Installation of Computer and Network Hardware and its peripherals

The Supplying Agency is responsible for all unpacking, assembling, wiring, installations, cabling between hardware units and connecting to power supplies. The Supplying Agency will test all hardware operations and accomplish all adjustments necessary for successful and continuous operation of the hardware at all installation sites.

1. Installation of all active and passive components and accessories supplied under this Project and configuring it.
2. Integration with the existing Intranet and commissioning of Local Area Networks at

supplying locations as per the requirements.

3. Configuring and fine tuning of sub-systems to achieve overall optimal network performance

The components to be installed would include but not limit to:

- PCs networking accessories, and peripherals
- Passive components like patch panels, I/O outlets, etc
- Any other software besides the standard software and Operating System

4. The Supplying Agency will assign IP addresses from the range provided by Cot also needs to take care of all IP addressing or similar issues arising at the time of integration and should also ensure that the existing systems run smoothly.
5. To bring all the installation equipments' and tools required for installation and commissioning of systems without any extra cost.
6. To provide all patches and updates during the duration of the contract.
7. To carry out all general test such as power test on delivery, pre- installation check to ensure correct connection etc.
8. All works (site survey, delivery of hardware, installation etc.) should be completed within 75 days.

D. Scope of Warranty and Preventive Maintenance

1. During the warranty period, Supplying Agency warrants that the goods supplied under the contract are new, unused, of the most recent version/models and incorporate all recent improvements in design and materials unless provided otherwise in the contract.
2. The bidder must provide onsite comprehensive (including spares & services) warranty for a minimum period of 60 (sixty) months from the date of seamless integration/commissioning of the equipment. The warranty of all the asset (hardware & software) procured and all site preparations done (including electrification and LAN cabling) shall remain valid for a period of five years from the date of installation. The Supplying Agency would provide free software upgrades during the warranty period from the date of acceptance for all software components like operating system, management software, anti-virus software, or any other software which would be a part of supplies.
3. The hardware will be replaced/ repaired by the supplier within **72 hours** of occurring of fault.
4. Successful bidder shall have to provide one regular half yearly visit to every supply

point during the period of warranty for general checkup of the supplied computers and its peripherals and complete preventive maintenance. The bidder has to do the following works during these visits

1. periodic preventive maintenance
2. Configuration checking and up gradation
3. O/S driver checking and up gradation
4. Network connectivity checking and up gradation
5. Antivirus update

The bidder has to furnish one preventive maintenance report as per **Appendix-C** for each site quarterly along with yearly bills.

Additional visits during the warranty periods, as and when required, will have to be provided in the event of breakdown / malfunctioning of the equipment supplied, on intimation in this regard.

6. *All hardware, accessories (patch cords, I/O boxes, etc.), software (OS, MS Office, Anti-virus), and all site preparation (including casing, capping, electrical and LAN cables and cabling) will be under five years' onsite comprehensive warranty.*

Illustration for installation and delivery schedule: Assuming that the contract is signed on Jan 1, 2017;. Highlighted days below shows the time period in which the Service provider will arrange to make the delivery and installations completed.

Days	1	to	5	6	to	15	16	17	18	19	20	21	22	to	45	to	60	61	to	70	71	to	90	Total Days
Site survey																								40 Days
Delivery of Hardware																								45 Days
Electrification																								53 Days
LAN cabling including installation of network equipment																								53 Days
Installation of Desktop and peripherals																								90 Days

Appendix-A

(PART-I)

STATEMENT OF OFFICEWISE REQUIREMENT OF COMPUTER HARDWARE AND PERIPHERAL

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
1	BARPETA RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES BARPETA BARPETA BHAWANIPUR ROAD P.O.- BARPETA DIST.- BARPETA PIN- 781301	0	6	2	6	0			1			8	11	8		
2	BARPETA UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES BARPETA BARPETA BHAWANIPUR ROAD P.O.- BARPETA DIST.- BARPETA PIN- 781301	0	12	4	12	1			1		1	20	23	20	1	1
3	BARPETA ROAD UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES BARPETA ROAD, MISSION ROAD, BARPETA ROAD -781315 DISTT. BARPETA	0	12	4	12	1		2		1		18	21	18	1	1
4	BISWANATH-CHARIALI UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES BISWANATH-CHARIALI UNIT P.O BISWANATH CHARIALI DIST.SONITPUR ASSAM PIN-784176	0	9	5	9	1		2		1		15	18	15	1	1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
5	BONGAIGAON UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, BONGAIGAON, M. G. ROAD, BONGAIGAON, P.O., P.S. & DIST:- BONGAIGAON (ASSAM), PIN - 783380.	0	17	6	17	1			1		1	30	33	30	1	1
6	Bongaigaon Recovery	OFFICE OF THE SUPERINTENDENT OF TAXES BONGAIGAON M. G. ROAD, BONGAIGAON, P.O., P.S. & DIST:- BONGAIGAON (ASSAM), PIN - 783380.	0	2	0	2	0			1			5	8	5		
7	BUXIRHAT CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES BUXIRHAT CHECK POST, P.O-GOLAKGANJ, DIST-DHUBRI,PIN- 783335	0	16	5	16	1			2	2		21	24	21	1	1
8	CHURAIBARI CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES CHURAIBARI CHECK POST, P.O.CHURAIBARI,KARIM GANJ, PIN-788710	0	6	1	6	1	2			1		10	13	10	1	1
9	DAMRA CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES DAMRA CHECK POST, P.O-SRIRAMPUR, DIST-KOKRAJHAR,PIN-783361	0	28	8	28	1			2	2		37	40	37	1	1
10	DHEKIAJULI UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, DHEKIAJULI MAIN ROAD, NEAR INDIAN BANK. DHEKIAJULI, DIST. SONITPUR, ASSAM.	0	7	3	7	1	2			1		12	15	12	1	1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
		PIN:784110.															
11	DHEMAJI UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, DHEMAJI NH-15, DHEMAJI OPPOSITE COURT FIELD, DHEMAJI PO & PS-DHEMAJI DIST-DHEMAJI PIN-787057, ASSAM	0	7	3	7	1		1		1		12	15	12	1	1
12	Dhemaji Recovery	OFFICE OF THE SUPERINTENDENT OF TAXES DHEMAJI NH-15, DHEMAJI OPPOSITE COURT FIELD, DHEMAJI PO & PS-DHEMAJI DIST-DHEMAJI PIN-787057, ASSAM	0	1	0	1	0		1				4	7	4		
13	DHOLAIBAZAR CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES DHOLAIBAZAR CHECK POST P.O.Dholaibazar, Dist-Cachar, PIN-788114	0	11	1	11	1		2		1		14	17	14	1	1
14	DHUBRI UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, DHUBRI M.G. ROAD, DHUBRI P.O., P.S & DIST :- DHUBRI (ASSAM) PIN- 783301	0	29	10	29	1		1	1	1	1	45	48	45	1	1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
15	DHUBRI RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES DHUBRI M.G. ROAD, DHUBRI P.O.,P.S & DIST :- DHUBRI (ASSAM) PIN- 783301	0	4	1	4	1						6	9	6		1
16	DHUBRI ZONE	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES DHUBRI M.G. ROAD, DHUBRI P.O.,P.S & DIST :- DHUBRI (ASSAM) PIN- 783301	0	8	3	8	0			1			17	20	17		
17	DIBRUGARH UNIT	O/O THE ASSISTANT COMMISSIONER OF TAXES, DIBRUGARH NEAR C.R. BUILDING, P.O. C. R . BUILDING, DIBRUGARH. 786003	0	35	13	35	2		1	2	1	1	60	63	60	1	2
18	DIBRUGARH RECOVERY	O/O SUPERINTENDENT OF TAXES (RECOVERY) HOUSE OWNER SRI. DULAL CHANDRA BARUAH, (RESIDENCE OF DR. MRIGANGA BARUA, MD(MEDICINE), 1ST BYLANE DR. LILA GOGOI PATH, NAMGHAR ROAD, RATANPUR, P.O. C R BUILDING, DIBRUGARH-786003	0	7	2	7	1	2			1		9	12	9	1	1
19	DIGBOI UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, P.O.DIGBOI,AT ROAD, ORBILL NO 1, PIN-786171	0	11	6	11	1		2		1		19	22	19	1	1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
20	DIGORKHAL CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES, DIGARKHAL CHECK POST. DIGARKHAL, CACHAR (ASSAM). PIN-788815	0	13	5	13	1		2		1		20	23	20	1	1
21	DIPHU UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, DIPHU SIVBARI ROAD, DIPHU P.O & P.S:- DIPHU DIST:- KARBI ANGLONG, ASSAM PIN:- 782460	0	15	5	15	1			1	1		20	23	20	1	1
22	Diphu recovery	OFFICE OF THE SUPERINTENDENT OF TAXES DIPHU SIVBARI ROAD, DIPHU P.O & P.S:- DIPHU DIST:- KARBI ANGLONG, ASSAM PIN:- 782460	0	1	0	1	0			1			4	7	4		
23	DOOMDOOMA UNIT	O/O THE SUPERINTENDENT OF TAXES AZAD ROAD, P.O. DOOMDOOMA, P.S. DOOMDOOMA, T.O. DOOMDOOMA DIST:- TINSUKIA, ASSAM PIN-786151	0	9	3	9	1		2		1		15	18	15	1	1
24	GOALPARA UNIT	O/O THE SUPERINTENDENT OF TAXES, GOALPARA UNIT, VILL.- BALADMARI, BELTOLA ROAD, P.O.- BALADMARI, PIN-	0	10	5	10	1			1	1		22	25	22	1	1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
		783121, P.S.- GOALPARA, DIST.- GOALPARA(ASSAM)															
25	GOALPARA RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES GOALPARA VILL.- BALADMARI, BELTOLA ROAD, P.O.- BALADMARI, PIN- 783121, P.S.- GOALPARA, DIST.- GOALPARA(ASSAM)	0	3	1	3	0			1	1		4	7	4		
26	GOLAGHAT UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, GOLAGHAT UNIT, GOLAGHAT NEW AMOLAPATTY, NEAR PHONI BORDOLOI HIGH SCHOOL WARD NO.8, P.O. GOLAGHAT, DIST. GOLAGHAT PIN 785621	0	21	7	21	1			1	1		30	33	30	1	1
27	Golaghat recovery	OFFICE OF THE SUPERINTENDENT OF TAXES GOLAGHAT NEW AMOLAPATTY, NEAR PHONI BORDOLOI HIGH SCHOOL WARD NO.8, P.O. GOLAGHAT, DIST. GOLAGHAT PIN 785621	0	2	0	2	0			1	1		5	8	5		

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
28	GUWAHATI APPEAL	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES, GUWAHATI, APPEAL KAR BHAWAN (2ND FLOOR), GUWAHATI-781 006 P.O. & P.S. = DISPUR	0	5	2	5	0						8	11	8		
29	GUWAHATI ZONE A	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES, GUWAHATI, ZONE-A KAR BHAWAN (3RD FLOOR), GUWAHATI-781 006 P.O. & P.S. = DISPUR	0	13	3	13	0						20	23	20		
30	GUWAHATI ZONE B	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES, GUWAHATI, ZONE-B KAR BHAWAN (3RD FLOOR), GUWAHATI-781 006 P.O. & P.S. = DISPUR	0	14	4	14	0						20	23	20		
31	GUWAHATI ZONE C	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES, GUWAHATI, ZONE-C KAR BHAWAN (3RD FLOOR), GUWAHATI-781 006 P.O. & P.S. = DISPUR	0	4	2	4	0						11	14	11		
32	GUWAHATI HEAD OFFICE	OFFICE OF THE COMMISSIONER OF TAXES, GUWAHATI, KAR BHAWAN, GUWAHATI-781 006 P.O. & P.S. = DISPUR	57	0	21	57	6	4	2	6		5	167	170	167	8	6

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
33	GUWAHATI RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES, GUWAHATI RECOVERY NEW KAR BHAWAN (2ND FLOOR), GUWAHATI-781 006 P.O. & P.S. = DISPUR	0	8	2	8	0						10	13	10		
34	GUWAHATI UNIT-A	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, GUWAHATI, UNIT-A NEW KAR BHAWAN (1ST FLOOR), GUWAHATI-781 006 P.O. & P.S. = DISPUR	0	44	16	44	2			2		2	88	91	88		1
35	GUWAHATI UNIT-B	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, GUWAHATI, UNIT-B NEW KAR BHAWAN (2NDFLOOR), GUWAHATI-781 006 P.O. & P.S. = DISPUR	0	47	16	47	2			2		2	77	80	77		1
36	GUWAHATI UNIT-C	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, GUWAHATI, UNIT-C NEW KAR BHAWAN (3RD FLOOR), GUWAHATI-781 006 P.O. & P.S. = DISPUR	0	28	14	28	2			2		2	60	63	60		1
37	GUWAHATI UNIT-D	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, GUWAHATI, UNIT-D NEW KAR BHAWAN (4TH FLOOR), GUWAHATI-781 006	0	41	16	41	2			2		2	73	76	73		1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
		P.O. & P.S. = DISPUR															
38	HAFLONG UNIT	O/O SUPERINTENDENT OF TAXES, HAFLONG, P.O: HAFLONG, DIST. DIMA HASAO, STATE:ASSAM PIN CODE : 788819	0	7	3	7	1		1		1		10	13	10	1	1
39	Halflong recovery	OFFICE OF THE SUPERINTENDENT OF TAXES HAFLONG P.O: HAFLONG, DIST. DIMA HASAO, STATE:ASSAM PIN CODE : 788819	0	1	0	1	0		1				3	6	3		0
40	HAILAKANDI UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, HAILAKANDI UNIT P.O- RATANPUR ROAD, WARD NO-12, STATION ROAD, DIST- HAILAKANDI. ASSAM. PIN-788155,	0	10	3	10	1		1		1		15	18	15	1	1
41	Hailakandi recovery	OFFICE OF THE SUPERINTENDENT OF TAXES HAILAKANDI P.O- RATANPUR ROAD, WARD NO-12, STATION ROAD, DIST- HAILAKANDI. ASSAM. PIN-788155,	0	1	0	1	0		1				3	6	3		

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
42	HOJAI UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, HOJAI MAIN ROAD, HOJAI (OPP- LICIBUILDING) DISTRICT:- NAGAON, ASSAM. PIN:- 782435	0	15	5	15	1		2		1		20	23	20	1	1
43	JALUKBARI CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES JALUKBARI CHECK POST, JALUKBARI NURSERY, NEAR SUNCITY PUNJABI DHABA, NEAR RADISSION HOTEL, PO : JALUKBARI, 781013	0	14	4	14	1			2	2		24	27	24	1	1
44	JORHAT APPEAL	OFFICE OF THE DEPUTY COMMISSIONER JORHAT P.O.JORHAT, JEC ROAD,PUJADUBI, NEAR LAHOTI PETROL PUMP,PIN-785001	0	5	1	5	0		1				6	9	6	1	1
45	JORHAT RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES JORHAT P.O.JORHAT, JEC ROAD,PUJADUBI, NEAR LAHOTI PETROL PUMP,PIN-785001	0	4	1	4	0		1				5	8	5		
46	JORHAT UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES. P.O.JORHAT, JEC ROAD,PUJADUBI, NEAR LAHOTI PETROL PUMP,PIN-785001	0	30	10	30	2			2		3	63	66	63		2

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
47	JORHAT ZONE	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES JORHAT P.O.JORHAT, JEC ROAD,PUJADUBI, NEAR LAHOTI PETROL PUMP,PIN-785001	0	12	4	12	0			1			20	23	20		
48	KABAITARY CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES KABAITARY CHECK POST, P.O.JOGIGHOPE, DIST-BONGAIGAON, PIN-783382	0	8	3	8	1	2			1		12	15	12	1	1
49	KARIMGANJ RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES KARIMGANJ LAXMI BAZAR ROAD P.O. &DIST-KARIMGANJ,ASSAM PIN- 788710	0	3	1	3	0	1			1		4	7	4		
50	KARIMGANJ UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, KARIMGANJ UNIT LAXMI BAZAR ROAD P.O. &DIST-KARIMGANJ,ASSAM PIN- 788710	0	23	10	23	1			2	1		44	47	44	1	1
51	KHANAPARA CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES, KHANAPARA CHECK-POST, JORABAT, GUWAHATI KAMRUP(M), ASSAM PIN: 781023. SUPERINTENDENT OF TAXES KHANAPARA CHECK-POST	0	15	4	15	1			2	2		24	27	24	1	1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
52	KOKRAJHAR RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES KOKRAJHAR COURTPARA, WARD NO.-10, KOKRAJHAR P.O.- KOKRAJHAR, DIST- KOKRAJHAR, ASSAM, PIN-783370	0	3	1	3	0			1	1		4	7	4		
53	KOKRAJHAR UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, KOKRAJHAR COURTPARA, WARD NO.-10, KOKRAJHAR P.O.- KOKRAJHAR, DIST- KOKRAJHAR, ASSAM, PIN-783370	0	14	5	14	1			1	1		24	27	24	1	1
54	MANGALDOI RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES, MANGALDOI WARD NO.- 1, SANTIPARA. MANGALDAI DIST- DARRANG (ASSAM) PIN- 784125.	0	6	2	6	0			1	1		8	11	8		
55	MANGALDOI UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES. WARD NO.- 1, SANTIPARA. MANGALDAI DIST- DARRANG (ASSAM) PIN- 784125.	0	14	5	14	1			1	1		23	26	23	1	1
56	MORIGAON UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, MORIGAON BARNASATRA, PO. & P.S. MORIGAON PIN. 782105	0	12	5	12	1		1				17	20	17	1	1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
57	Morigaon recovery	OFFICE OF THE SUPERINTENDENT OF TAXES MORIGAON BARNASATRA, PO. & P.S. MORIGAON PIN. 782105	0	1	0	1	0		1		1		4	7	4		
58	NAGAON APPEALLATE	OFFICE OF THE DEPUTY COMMISSIONER NAGAON COURT CAMPUS, NAGAON, (ASSAM). PIN - 782001.	0	2	1	2	0	1					4	7	4		
59	NAGAON RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES NAGAON COURT CAMPUS, NAGAON, (ASSAM). PIN - 782001.	0	3	1	3	0		1		1		4	7	4		
60	NAGAON UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, NAGAON UNIT, COURT CAMPUS, NAGAON, (ASSAM). PIN - 782001.	0	34	7	34	1			2		1	52	55	52	1	1
61	NAGAON ZONE	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES NAGAON COURT CAMPUS, NAGAON, (ASSAM). PIN - 782001.	0	13	5	13	1		1		1		21	24	21		1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
62	NAHARKATIA UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES NAHARKATIA SBI BUILDING NAHARKATIA MAIN ROAD NAHARKATIA PIN:- 786610 DIST :- DIBRUGARH ASSAM	0	11	4	11	1		2		1		18	21	18	1	1
63	NALBARI RECOVERY	O/O THE SUPERINTENDENT OF TAXES OF NALBARI RAY BARUAH COMPLEX, COLLEGE ROAD NEAR M.N.C. COLLEGE. P.O:- NALBARI. DIST:- NALBARI PIN-781335.	0	6	2	6	0				1		8	11	8		
64	NALBARI UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, NALBARI RAY BARUAH COMPLEX, COLLEGE ROAD NEAR M.N.C. COLLEGE. P.O:- NALBARI. DIST:- NALBARI PIN-781335.	0	14	5	14	1			2		1	25	28	25	1	1
65	NARAYANPUR CHECK POST	OFFICE OF THE SUPERINTENDENT OF TAXES, NARAYANPUR CHECK POST, P.O.Dikrom,Nayanpur,PIN-787164	0	6	3	6	1	2			1		9	12	9	1	1

Sl No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
66	NORTH LAKHIMPUR RECOVERY	O/O THE SUPERINTENDENT OF TAXES OF NORTH LAKHIMPUR NEAR D.C OFFICE, NORTH LAKHIMPUR, PIN : 787001, ASSAM.	0	2	1	2	0				1		3	6	3		
67	NORTH LAKHIMPUR UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, NEAR D.C OFFICE, NORTH LAKHIMPUR, PIN : 787001, ASSAM.	0	15	5	15	1			2		1	25	28	25	1	1
68	SIBSAGAR ZONE	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES SIBSAGAR COURT CAMPUS, SIVASAGAR, P.O & DIST-SIVASAGAR, PIN-785640.	0	12	3	12	0				1		18	21	18		1
69	SIBSAGAR RECOVERY	O/O THE SUPERINTENDENT OF TAXES OF SIBSAGAR COURT CAMPUS, SIVASAGAR, P.O & DIST-SIVASAGAR, PIN-785640.	0	3	1	3	0						4	7	4		
70	SIBSAGAR UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, SIVASAGAR COURT CAMPUS, SIVASAGAR, P.O & DIST-SIVASAGAR, PIN-785640.	0	33	9	33	1		2	2	1	1	45	48	45	1	1
71	SILCHAR APPELLATE	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES, SILCHAR, EID GAH ROAD, P.O.SILCHAR, DIST	0	2	1	2	0						3	6	3		

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
		CACHAR, PIN-788004.															
72	SILCHAR RECOVERY	OFFICE OF THE SUPERINTENDENT OF TAXES, AMBIKA PATTY, OPPOSITE ADARSH ACADEMY, P.O.SILCHAR, DIST CACHAR, PIN-788004.	0	3	1	3	0				1		4	7	4		1
73	SILCHAR UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, AMBIKA PATTY, OPPOSITE ADARSH ACADEMY, P.O.SILCHAR, DIST CACHAR, PIN-788004.	0	34	10	34	1	2	2	2	1	1	65	68	65	1	1
74	SILCHAR ZONE	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES SILCHAR, EID GAH ROAD, P.O.SILCHAR, DIST CACHAR, PIN-788004.	0	11	4	11	0		2		1		18	21	18	1	1
75	SUKANJAN CHECK POST	O/O THE SUPERINTENDENT OF TAXES, SUKHANJAN CHECK POST, SUKHANJAN, P.O.BOKAJAN, DIST: KARBI ANGLONG, ASSAM PIN: 782480.	0	6	4	6	1	2			1		12	15	12	1	1
76	TANGLA UNIT	OFFICE OF THE SUPERINTENDENT OF TAXES, TANGLA, MB ROAD, P.O.TANGLA, TANGLA TOWN, PIN-784521	0	6	3	6	1	2			1		9	12	9	1	1

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
77	TEZPUR RECOVERY	O/O THE SUPERINTENDENT OF TAXES OF TEZPUR S.C. ROAD ,TEZPUR, P.O+P.S-TEZPUR DIST-SONITPUR(ASSAM) PIN-784001	0	5	1	5	0				1		6	9	6		
78	TEZPUR UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES,TEZPUR S.C. ROAD ,TEZPUR, P.O+P.S-TEZPUR DIST-SONITPUR(ASSAM) PIN-784001	0	25	10	25	1					1	49	52	49	1	1
79	TEZPUR ZONE	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES TEZPUR S.C. ROAD ,TEZPUR, P.O+P.S-TEZPUR DIST-SONITPUR(ASSAM) PIN-784001	0	11	3	11	1	2	2	2	1		18	21	18		1
80	TINSUKIA UNIT	OFFICE OF THE ASSISTANT COMMISSIONER OF TAXES, TINSUKIA, PARBATIA ROAD, NEAR JIBANJYOTI HOSPITAL, P.O.TINSUKIA, PIN-786125	0	47	12	47	1				1	1	69	72	69	1	1
81	TINSUKIA APPEALLATE	OFFICE OF THE DEPUTY COMMISSIONER TINSUKIA, PARBATIA ROAD, NEAR JIBANJYOTI HOSPITAL, P.O.TINSUKIA, PIN-786125	0	6	2	6	0				1		8	11	8		

SI No	Location	Address	Desktop Computers		Lease Printer (MFP)	UPS 600 VA	UPS 1 KVA	New Switch Required (Managed)			New Patch Panel Required		New I/O BOX	New PATCH CORD		Remote Router	12 U Rack
			Type 1	Type 2				(16 Port)	(24 Port)	(48 Port)	(24 Port)	(48 Port)		1 Mtr	2 Mtr		
82	TINSUKIA RECOVERY	O/O THE SUPERINTENDENT OF TAXES, TINSUKIA, PARBATIA ROAD, NEAR JIBANJYOTI HOSPITAL, P.O.TINSUKIA, PIN-786125	0	11	3	11	0						14	17	14		
83	TINSUKIA ZONE	OFFICE OF THE DEPUTY COMMISSIONER OF TAXES TINSUKIA, TINSUKIA, PARBATIA ROAD, NEAR JIBANJYOTI HOSPITAL, P.O.TINSUKIA, PIN-786125	0	9	3	9	1		2	4	1		16	19	16		1
84	BG GATE	OFFICE OF THE SUPERINTENDENT OF TAXES, NEW GUWAHATI BG EXIT POINT CHECKPOST, PO-NOONMATI, GUWAHATI-20	0	7	0	7	1	2			1		9	12	9	1	1
85	Training and DC	OFFICE OF THE COMMISSIONER OF TAXES, GUWAHATI, KAR BHAWAN, GUWAHATI-781 006 P.O. & P.S. = DISPUR	60	0	10	30	0			2		1	30	33	30		
86	Jagun CP	OFFICE OF THE SUPERINTENDENT OF TAXES JAGUN CHECK POST, JAGUN, NEAR POLICE STATION, DISTRICT-TINSUKIA, PIN-786188.	0	5	2	5	1	2			1		7	10	7	1	1
	TOTAL		117	1046	382	1133	63	28	42	63	54	30	1922	2180	1922	52	63

PART-II

(The following equipment are to be delivered at the Head Office, KarBhawan, Guwahati)

SL. No	Equipment	Qty
1	Colour Laser Printer (MFP)	4
2	Laptop	10
3	L2 Managed SWITCH – 48 ports with SFP module	8
4	Core Router with Fibre module	2
5	Core L3 Switch with Fibre module	2
6	Firewall with Fibre module	2
7	UTM ((Unified Threat Management))	2
8	Network Monitoring Software(NMS)	1
9	Server (For NMS software)	1
10	Portable Projector with projector Screen	1
11	Wireless Access Point	2
12	42 U RACK	1
13	MS OFFICE(Office Standard 2016)	1443
14	Antivirus	1443

Appendix 'B'

WORK COMPLETION CERTIFICATE FROM OFFICER IN CHARGE REGARDING SITE PREPARATION

Name of office :	
Officer In charge :	
Date :	

Sl. No.	Components Details	Quantity
1	(a) No of RJ45 installed	
	(b) Total length of laying of UTP cable with "casing capping" from core/departmental switches to user points (in meters)	
2	Electrification : a) No of Supply and fixing of one 4 x 4 Sheet Board comprising of 1 x 6A switch (ISI marked) and 1 x 6A (ISI marked) socket complete with Interconnections and mounting on wall.	
	b) Total length of (in meters) Supply, fixing and laying of 2 nos. x 4.00 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) & 1 no. 2.5 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) with conduit PVC casing capping with interconnection between Main Power Supply to the switch Board.	

Signature of Engineer

Name:

Organisation :

I have personally verified the work of site preparation and measurements mentioned above and found in order.

Signature of Officer In-Charge with seal

Name:

Designation:

Appendix 'C'

PREVENTIVE MAINTENANCE OF COMPUTER SYSTEMS/PERIPHERALS INSTALLED

**Date of
Visit.....**

Name of Office		Name of Engineer			
Name of Officer In-Charge		Organisation			
Mobile No		Mobile No			
(A) Environmental/Electrical conditions					
(i) Dust Level ok Y/N :					
(ii) Temperature (Recommended 22 to 28 degree C) :					
(iii) Humidity O.K. :					
(IV) Voltage	Main	L-N =	L-E = N-E =		
	UPS Output	L-N =	L-E = N-E =		
Model & Serial No	Configuration Checked	Dust/System Cleaning	Network Connectivity Checked	O/S Driver Checked	Anti-Virus Updating
General Layout Suggestion (if any)				Signature of Officer In-Charge :	
Remarks of Officer In-Charge Designation :				Seal : Signature :	

5. INSPECTIONS AND TESTS

The following inspections and tests shall be performed:

1. Inspection and tests prior to shipment of Goods and at final acceptance are as follows:

(i) The inspection of the goods shall be carried out to check whether the goods are in conformity with the technical specifications attached to the purchase- order form and shall be in line with the inspection/test procedures laid down in the technical specifications and the General Conditions of contract. Following broad test procedure will generally be followed for inspection and testing of machine. The supplier will dispatch the goods to the ultimate consignee after internal inspection testing along with the supplier's inspection report, manufacturer's warranty certificate. The purchaser will test the equipment after completion of the installation and commissioning at the site of the installation. For site preparation, the supplier should furnish all details to the purchaser sufficiently in advance so as to get the works completed before receipt of the equipment. Complete hardware and software as specified in section VI should be supplied, installed and commissioned properly by the supplier prior to commencement of performance tests.

(ii) The acceptance test will be conducted by the purchaser/their consultant or any other person nominated by the purchaser, at its option. The acceptance will involve trouble- free operation for seven consecutive days. There shall not be any additional charges for carrying out acceptance tests. No malfunction, partial or complete failure of any part of hardware or excessive heating of motors attached to printers, drivers etc. or bugs in the software should occur. All the software should be complete and no missing modules/sections will be allowed. The supplier shall maintain necessary log in respect of the results of the tests to establish to the entire satisfaction of the purchaser, the successful completion of the test specified. An average uptake efficiency of 98% (to modify as considered appropriate for each case) for the duration of test period shall be considered as satisfactory.

(iii) In the event of the hardware and software failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which the purchaser reserves the rights to get the equipment replaced by the supplier at no extra cost to the purchaser.

2. Manuals

- before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals of the goods and equipment. These shall be in such detail as will enable the Purchaser to install the hardware and software as stated in the specifications.
- The manuals shall be in the ruling language (English) and in such form and numbers as stated in the contract.

- Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the Purchaser.

3. For the System and Other Software the following will apply:

The Supplier shall provide complete and legal documentation of hardware, all subsystems, operating systems, compiler, system software and the other software. The Supplier shall also provide licensed software for all software products, whether developed by it or acquired from others. The supplier shall also indemnify the purchaser against any levies/penalties on account of any default in this regard.

4. Acceptance Certificates:

- On successful completion of acceptability test, receipt of deliverables etc, and after the purchaser is satisfied with the working on the system, the acceptance certificate signed by the supplier and the representative of the purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the systems.

**6. PROFORMA OF CERTIFICATE FOR ISSUE BY THE
PURCHASER AFTER
SUCCESSFUL INSTALLATION AND STARTUP OF THE
SUPPLIED GOODS**

[This is to be attached for supply, erection, supervision of erection and startup contracts only]

No.

Date:

M/s.

Sub: Certificate of startup of the supplied Goods

1. This is to certify that the equipment as detailed below has/have been received in good condition along with all the standard and special accessories (subject to remarks in Para No. 2) in accordance with the Contract/Specifications. The same has been installed and commissioned.

(a) Contract No. _____ dated _____

(b) Description of the equipment _____

(c) Equipment Serial Nos.

(d) Quantity _____

(e) Rail/Roadways Receipt No. _____ dated _____

(f) Name of the consignee _____

(g) Date of start up and proving test _____

2. Details of accessories/spares not yet supplied and recoveries to be made on that account.
(if applicable)

<u>S. No.</u>	<u>Description</u>	<u>Amount to be recovered</u>
---------------	--------------------	-------------------------------

3. The inspection has been done to our entire satisfaction.

4. The supplier has fulfilled his contractual obligations satisfactorily. *

or

The supplier has failed to fulfill his contractual obligations with regard to the following:

(a)

(b)

(c)

(d)

5. The amount of recovery on account of non-supply of accessories and spares is given under Para No. 2.

6. The amount of recovery on account of failure of the supplier to meet his contractual obligations is as indicated in endorsement of the letter.

Signature _____

Name _____

Designation with Stamp _____

PART 3 – CONTRACT

SECTION VIII – GENERAL CONDITIONS OF CONTRACT

Section VIII. General Conditions of Contract

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Section VIII. General Conditions of Contract

1. Definitions

The following words and expressions shall have the meanings hereby assigned to them:

- (a) “Bank” means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (b) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (c) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- (d) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.
- (e) “Day” means calendar day.
- (f) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (g) “GCC” mean the General Conditions of Contract.
- (h) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (i) “Purchaser’s Country” is India.
- (j) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the SCC.
- (k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, start-up, training and initial maintenance and other such obligations of the Supplier under the Contract.

- (l) “SCC” means the Special Conditions of Contract.
- (m) “Subcontractor” means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (n) “Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (o) “The Project Site,” where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Corrupt & Fraudulent Practices

3.1 The Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Appendix to the GCC.

3.2 The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Inco terms

(a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Inco terms.

(b) The terms EXW and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Inco terms specified in the SCC and published by the International Chamber of Commerce in Paris, France.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the

Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 No waiver

(a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be English. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in English language, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Deleted

7. Eligibility

7.1 The Supplier and its Subcontractors shall have the nationality of

an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.

7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the **SCC**. The term “in writing” means communicated in written form with proof of receipt.

8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Union of India.

10. Settlement of Disputes

10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure **specified in the SCC**.

10.3 Notwithstanding any reference to arbitration herein,

- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

- 11. Inspections and Audit by the Bank**
- 11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs
- 11.2 The Supplier shall permit, and shall cause its Subcontractors to permit, the Bank and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 3 [Fraud and Corruption], which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under this Sub-Clause 11.1 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures)
- 12. Scope of Supply**
- 12.1 The Goods and Related Services to be supplied shall be as specified in the **Special Condition of Contract**.
- 13. Delivery and Documents**
- 13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the **SCC**.
- 14. Supplier's Responsibilities**
- 14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 15. Contract Price**
- 15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the **SCC**.
- 16. Terms of Payment**
- 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the **SCC**.
- 16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations

stipulated in the Contract.

16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

16.4 The payments shall be made in Indian Rupees to the Supplier under this Contract.

16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

17. Taxes and Duties

17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

18. Performance Security

18.1 If required as specified in the **SCC**, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC**.

18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

18.3 As specified in the **SCC**, the Performance Security shall be denominated in the Indian Rupees, and shall be in the format stipulated by the Purchaser in the **SCC**, or in another format acceptable to the Purchaser.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the **SCC**.

19. Copyright

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

20. Confidential Information

- 20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
- 20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.
- 20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:
 - (a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;
 - (b) now or hereafter enters the public domain through no fault of that party;
 - (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
 - (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
- 20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.
- 20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

- 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or

later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and Standards

22.1 Technical Specifications and Drawings

(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VII, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.

(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

23. Packing and Documents

23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

24. Insurance

24.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured—against loss or damage incidental to manufacture or acquisition,

transportation, storage, and delivery, in accordance with the applicable Inco terms or in the manner specified in the **SCC**.

25. Transportation & Incidental Services

- 25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Inco terms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, **specified in Schedule of Requirements and SCC**:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
 - (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
 - (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
 - (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods
- 25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services

26. Inspections and Tests

- 26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.
- 26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.
- 26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such

attendance including, but not limited to, all traveling and board and lodging expenses.

- 26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
- 26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.
- 26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.
- 26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

- 27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum

deduction of the percentage specified in those SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

- 28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 28.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

- 29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by

reason of:

- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

30. Limitation of

30.1 Except in cases of criminal negligence or willful misconduct,

Liability

- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

31. Change in Laws and Regulations

31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in India, where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

32. Force Majeure

32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the

Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

33. Change Orders and Contract Amendments

33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
- (b) the method of shipment or packing;
- (c) the place of delivery; and
- (d) the Related Services to be provided by the Supplier.

33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

34. Extensions of Time

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by

amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

- (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
- (ii) if the Supplier fails to perform any other obligation under the Contract; or
- (iii) if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract.

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

35.3 Termination for Convenience.

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
 - (i) to have any portion completed and delivered at the Contract terms and prices; and/or
 - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

36. Assignment

- 36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

APPENDIX TO GENERAL CONDITIONS

Bank's Policy- Corrupt and Fraudulent Practices

(text in this Appendix shall not be modified)

Guidelines for Procurement of Goods, Works, and Non-Consulting Services under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011:

“Fraud and Corruption:

1.16 It is the Bank's policy to require that Borrowers (including beneficiaries of Bank loans), bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts.⁹ In pursuance of this policy, the Bank:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;¹⁰;
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;¹¹
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;¹²
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;¹³

⁹ In this context, any action to influence the procurement process or contract execution for undue advantage is improper.

¹⁰ For the purpose of this sub-paragraph, “*another party*” refers to a public official acting in relation to the procurement process or contract execution. In this context, “*public official*” includes World Bank staff and employees of other organizations taking or reviewing procurement decisions.

¹¹ For the purpose of this sub-paragraph, “*party*” refers to a public official; the terms “*benefit*” and “*obligation*” relate to the procurement process or contract execution; and the “*act or omission*” is intended to influence the procurement process or contract execution.

¹² For the purpose of this sub-paragraph, “*parties*” refers to participants in the procurement process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish bid prices at artificial, non-competitive levels, or are privy to each other's bid prices or other conditions.

¹³ For the purpose of this sub-paragraph, “*party*” refers to a participant in the procurement process or contract execution.

- (v) "obstructive practice" is:
- (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 1.16(e) below.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- (c) will declare misprocurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement or the implementation of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- (d) will sanction a firm or individual, at any time, in accordance with the prevailing Bank's sanctions procedures,¹⁴ including by publicly declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Bank-financed contract; and (ii) to be a nominated¹⁵;
- (e) will require that a clause be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers and contractors, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit the Bank to inspect all accounts, records, and other documents relating to the submission of bids and contract performance, and to have them audited by auditors appointed by the Bank."

¹⁴ A firm or individual may be declared ineligible to be awarded a Bank financed contract upon: (i) completion of the Bank's sanctions proceedings as per its sanctions procedures, including, inter alia, cross-debarment as agreed with other International Financial Institutions, including Multilateral Development Banks, and through the application the World Bank Group corporate administrative procurement sanctions procedures for fraud and corruption; and (ii) as a result of temporary suspension or early temporary suspension in connection with an ongoing sanctions proceeding. See footnote 14 and paragraph 8 of Appendix 1 of these Guidelines.

¹⁵ A nominated sub-contractor, consultant, manufacturer or supplier, or service provider (different names are used depending on the particular bidding document) is one which has either been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

SECTION IX. SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(j)	The Purchaser is: Assam Society for Comprehensive Financial Management System (AS-CFMS) Commissioner of Taxes, Assam Kar Bhawan, G.S. Road Dispur, Guwahati-781006 Ph: +91 361-2232513/2232670 Fax: +91 361-2232677 e-mail: cotassam@yahoo.com
GCC 1.1 (o)	The Project Site(s)/Final Destination(s) are: as per Appendix A
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Inco terms.
GCC 4.2 (b)	The version edition of Inco terms shall be 2010
GCC 8.1	For <u>notices</u> , the Purchaser's address shall be: <i>Attention: Mr. Anurag Goel</i> Commissioner of Taxes, Assam Kar Bhawan, G.S. Road Dispur, Guwahati-781006 Ph: +91 361-2232513/2232670 Fax: +91 361-2232677 e-mail: cotassam@yahoo.com

GCC 10.2**Settlement of Disputes**

The dispute settlement mechanism to be applied shall be as follows:

- (a) In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The arbitral tribunal shall consist of 3 arbitrators one each to be appointed by the Purchaser and the Supplier. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the Parties and shall act as Presiding arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of 30 days from the appointment of the arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the *Indian Council of Arbitration.
- (b) In the case of a dispute with a Foreign Supplier, the dispute shall be settled in accordance with provisions of UNCITRAL (United nations Commission on International Trade Law) Arbitration Rules. The Arbitral Tribunal shall consist of three Arbitrators one each to be appointed by the Purchaser and the Supplier. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the parties, and shall act as presiding arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of 30 days from the appointment of the arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the *Indian Council of Arbitration.
- (c) If one of the parties fails to appoint its arbitrator in pursuance of sub-clause (a) and (b) above, within 30 days after receipt of the notice of the appointment of its arbitrator by the other party, then the Indian Council of Arbitration, both in cases of the Foreign supplier as well as Indian supplier, shall appoint the arbitrator. A certified copy of the order of the Indian Council of Arbitration, making such an appointment shall be furnished to each of the parties.

	<p>(d) Arbitration proceedings shall be held at Guwahati, Assam, India, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.</p> <p>(e) The decision of the majority of arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the arbitral tribunal. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings as also the fees and expenses paid to the arbitrator appointed by such party or on its behalf shall be borne by each party itself.</p> <p>(f) Where the value of the contract is Rs. 10 million and below, the disputes or differences arising shall be referred to the Sole Arbitrator. The Sole Arbitrator should be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the *Indian Council of Arbitration/President of the Institution of Engineers (India)/The International Centre for Alternative Dispute Resolution (India).</p> <p>(g) Except otherwise agreed to by the Parties, Arbitrators should give a decision in writing within 120 days of receipt of notification of dispute</p>
<p>GCC 12.1 and 25.2</p>	<p>The scope of supply for the Goods and Related Services to be supplied shall be as specified below: The scope of the supply including the related services below as given in Schedule of Requirements]</p>

GCC 13.1

Delivery of Goods shall be made by the Supplier in accordance with the terms specified in the schedule of requirement.

The details of shipping and/or other documents, as applicable, to be furnished by the Supplier are:

(A) Documents to be submitted to Purchaser:-

Upon the delivery of the Goods, the Supplier shall notify the purchaser in writing and deliver to the Purchaser three sets of documents comprising of the following:

(i) One original and three copies of commercial invoice, indicating Commissioner of Taxes, the Contract number, credit number; Goods' description, quantity, unit price, and total amount. Invoices must be signed in original and stamped or sealed with the company stamp/seal;

(ii) Proof of dispatch (POD) viz., Railway consignment note, road consignment note, truck or airway bill, or multimodal transport document showing Purchaser delivery through to final destination as stated in the Contract.

(iii) One original and three copies of Acknowledgement of receipt of goods from the Consignee i.e. Consignment Receipt Certificate (CRC)

(iv) Four copies of packing list identifying contents of each package;

(v) One original and three copies manufacturer's Warranty certificate covering all items supplied.

(vi) Four copies Internal Test Report of the Manufacturer for the items offered

(vii) Four copies of the Certificate of Inspection furnished to Supplier by the nominated inspection

(viii) One original and three copies of the Supplier's Certificate of Country of Origin covering all items supplied

(ix) Copy of notification of the local tax authority in support of rate of tax indicated in invoice.

(x) Any other additional procurement-specific document(s) required for delivery/payment purposes.

	<p>(B) Documents to be submitted to Consignee: - The Supplier should intimate the Consignee in advance at least 7 days before the dispatch of Goods the expected date of arrival of Goods along with quantity of Goods. Along with each consignment the Supplier should provide the Consignee the documents mentioned in as below:</p> <ul style="list-style-type: none"> (i) Copy of Invoice containing particulars as per para II(A)(i) above; (ii) Packing list identifying contents of each package (iii) Manufacturer's or Supplier's Warranty certificate covering all items supplied. (iv) Country of Origin certificate <p>Note: In the event that the documents presented by the Supplier are not in accordance with the Contract, then payment will be made against issue of the Acceptance Certificate to be issued by the Purchaser's Consignee.</p>
GCC 15.1	<p>The prices charged for the Goods supplied and the related Services performed shall not be adjustable.</p>
GCC 16.1	<p>GCC 16.1 Payment shall be made in Indian Rupees in the following manner:</p>

	<p>(a) Payment against all the component under “Price Schedule Related Supply” and “Price and Completion Schedule” for sl. No.1 shall be made</p> <p>(i) <i>On Delivery</i>: Eighty (80)% of the contract price for Goods shall be paid on receipt of Goods and upon submission of the documents specified in Clause 13 of SCC; and</p> <p>(ii) <i>On Final Acceptance</i>: the remaining twenty(20) % of the Contract Price of the Goods shall be paid within thirty (30) days after the date of the Acceptance Certificate issued by the Purchaser’s representative in the Performa given in Section VII - item 6.</p> <p>(b)Payment against all components under “Price and Completion Schedule - Related Services” except for sl. No.1 shall be made in equal [quarterly] installments at the end of each 3 months within thirty (30) days of receipt of claim after completion of maintenance obligations of the previous [three] months, at the rates indicated in the Price Schedule for related services.</p> <p>(c) Reimbursement of local taxes such as sales tax, octroi etc. will be at actuals based on the documentary evidence of payment within 30 days of submission of bill with documents.</p>
	<p>(d)deleted</p>

<p>GCC 16.5</p>	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days.</p> <p>The interest rate that shall be applied is 6%.</p>
<p>GCC 17</p>	<p>In the case of Excise duty waiver, the purchaser will issue only the certificates in terms of the Central Excise notification as per information given by supplier in form at serial no.7 of Section IV. Supplier is solely responsible for obtaining such benefits and in case of failure to receive such benefits, the purchaser will not compensate the supplier separately.</p>
<p>GCC 18.1</p>	<p>Performance Security to the Purchaser shall be for an amount of 10% of the contract value, valid upto 60 days after the date of completion of performance obligations including warranty obligations.</p> <p>In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/ replaced material shall be extended to a further period of 12 months and the Performance Bank guarantee for proportionate value shall be extended 60 days over and above the extended warranty period.</p> <p>During the AMC period, the amount of performance security may be reduced to 5%. The bidder shall deposit a PBG for 5% and the originally submitted PBG of 10% shall be released.</p>
<p>GCC 18.3</p>	<p>Amended the paragraph as under:</p> <p>The performance security shall be in the form of a bank guarantee the named beneficiary shall be Commissionerate of Taxes. The bank guarantee shall be issued either by a bank located in the country of the Purchaser (Nationalized or Scheduled Bank in India) or a reputed foreign bank through a correspondent bank located in the country of the Purchaser (Nationalized or Scheduled Bank in India) to make it enforceable and acceptable to the purchaser.</p> <p>The Bank Guarantee shall be in the format provided in the Bidding Documents</p>

<p>GCC 18.4</p>	<p>Amended GCC Clause 18.4 and insert new sub-clause 18.5 as under:</p> <p>Substitute Clause 18.4 of the GCC by the following:</p> <p>Discharge of the performance Security shall take place not later than 60 days following the date of completion of the Supplier’s performance obligations, including the warranty obligation, under the contract.</p>
<p>GCC 18.5</p>	<p>Add as Clause 18.5 to the GCC the following:</p> <p>In the event of any contractual amendment, the Supplier shall, within 28 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract, as amended for 60 days after the completion of performance obligations including warranty obligations.</p>
<p>GCC 23.2</p>	<p><u>Packing Instructions:</u> The Supplier will be required to make separate packages for each Consignee. Each package will be marked on three sides with proper paint/indelible ink with the following:</p> <p>(i) Project; (ii) Contract No.; (iii) Country of Origin of Goods; (iv) Supplier’s Name; (v) Packing List Reference Number. (vi) Government of Assam; supply - Not for Sale</p> <p>Suppliers should use recycled materials as much as possible for packing.</p>
<p>GCC 24.1</p>	<p>The insurance shall be paid in an amount equal to 110 percent of the EXW value of the Goods from “Warehouse to warehouse (final destination)” on “All Risks” basis including War Risks and Strikes.</p>
<p>GCC 25.1</p>	<p>The Supplier is required under the Contract to transport the Goods duly insured to the specified final destination, and all related costs shall be included in the Contract Price.</p>

<p>GCC 25.2</p>	<p>Incidental services to be provided are:</p> <ol style="list-style-type: none"> 1. Performance or supervision of the on-site assembly and/or start-up of the supplied Goods (computers, printers etc) (Installation and Commissioning leading to acceptance by the purchaser) 2. Operation and maintenance manuals together with drawings of the goods and equipment. These shall be in such detail as will enable the Purchaser to install the hardware and software as stated in the specifications. 3. Comprehensive Warranty for five (5) years of Period for the equipment; including repair and replacement in case of any defect of installation or Equipment, goods within 1 (one) year after handing over. (This service shall not relieve the Supplier of any warranty obligations under this Contract.) with half yearly periodic preventive maintenance 4. LAN Cabling works at all the locations. Must be in a ready to use condition. <ol style="list-style-type: none"> a. Rate per installation of RJ45 outlets and mounting on wall. b. Rate per meter for Laying of UTP cable with "casing capping" from core/departmental switches to user points; UTP cables and casing capping etc. will have to be supplied as per requirement (UTP Cable should be supplied as per specification mentioned at Appendix-A.22). 5. Electrification costs at all locations. Must be in a ready to use condition. <p>Electrification : Rate per Supply and fixing of one 4 x 4 Sheet Board comprising of 2 x 6A switch (ISI marked) and 2 x 6A (ISI marked) socket complete with Interconnections and mounting on wall.</p> <ol style="list-style-type: none"> a. Rate per meter for Supply, fixing and laying of 2 nos. x 4.00 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) & 1 no. 2.5 sq mm PVC insulated multi-strand copper conductor cable (ISI marked) with conduit PVC casing capping with interconnection between Main Power Supply to the switch Board.
<p>GCC 26.1</p>	<p>The inspections and tests shall be as per ‘5 (Inspection and Tests) of Section VI – Schedule of Requirements.</p>
<p>GCC 26.2</p>	<p>The inspections and tests shall be conducted at: Respective locations as mentioned in Appendix - A</p>

GCC 27.1	The liquidated damages shall be: 0.5% of contract price per week or part thereof.
GCC 27.2	The maximum amount of liquidated damages shall be: 10% of the contract price.
GCC 28.3	<p>The period of validity of the Warranty shall be: Same as given in GCC 27.3.</p> <p>For purposes of the Warranty, the place(s) of final destination(s) shall be:</p> <p style="text-align: center;">Commissionerate of Taxes, Assam Kar Bhawan, G.S. Road Dispur, Guwahati-781006 Ph: +91 361-2232513/2232670 Fax: +91 361-2232677 e-mail: cotassam@yahoo.com</p>
GCC 28.5	The period for repair or replacement shall be: 3 days.
GCC 31.1	This clause will apply only to variations in VAT/Sales tax/ Octroi etc. payable in India on the final product which is being supplied and not for variations in tax on the individual components / raw materials which go into the product.

SECTION X – CONTRACT FORMS

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1. LETTER OF ACCEPTANCE

[letterhead paper of the Purchaser]

[date]

To: *[name and address of the Supplier]*

Subject: **Notification of Award Contract No.**

This is to notify you that your Bid dated *[insert date]* for execution of the *[insert name of the contract and identification number, as given in the SCC]* for the Accepted Contract Amount of *[insert amount in numbers and words in Rupees]*, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 28 days in accordance with the Conditions of Contract, using for that purpose the of the Performance Security Form included in Section X, Contract Forms, of the Bidding Document.

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment: Contract Agreement

2. CONTRACT AGREEMENT

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT is made

the *[insert: **number**]* day of *[insert: **month**], [insert: **year**]*.

BETWEEN

- (1) *[insert complete name of Purchaser], a [insert description of type of legal entity, for example, an agency of the Ministry of of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }] and having its principal place of business at [insert address of Purchaser] (hereinafter called “the Purchaser”), and*
- (2) *[insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at [insert: address of Supplier] (hereinafter called “the Supplier”).*

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency(ies)]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract Agreement. This Agreement shall prevail over all other contract documents: In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed below.
 - (a) The letter of Acceptance
 - (b) this Contract Agreement
 - (c) The Supplier’s letter of Bid and original completed Schedules including Price Schedules
 - (d) Special Conditions of Contract
 - (e) General Conditions of Contract
 - (f) Technical Requirements (including Schedule of Requirements and Technical Specifications)

(g) *[Add here any other document(s) listed in GCC/SCC as part of contract]*

3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*
in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*
in the capacity of *[insert title or other appropriate designation]*
in the presence of *[insert identification of official witness]*

3. Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[insert name and Address of Purchaser]*

Date: *_ [Insert date of issue]*

PERFORMANCE GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *_ [insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the supply of *_ [insert name of contract and brief description of Goods and related Services]*(hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (*[insert amount in words]*),¹ such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of, 2...², and any demand for payment under it must be received by us at this office indicated above on or before that date.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

¹ *The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, and denominated either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.*

4. BANK GUARANTEE FOR ADVANCE PAYMENT

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

Date: *[insert date (as day, month, and year) of Bid Submission]*
NCB No. and title: *[insert number and title of bidding process]*

[bank's letterhead]

Beneficiary: *[insert legal name and address of Purchaser]*

ADVANCE PAYMENT GUARANTEE No.:*[insert Advance Payment Guarantee no.]*

We, *[insert legal name and address of bank]*, have been informed that *[insert complete name and address of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert date of Agreement]* with you, for the supply of *[insert types of Goods to be delivered]*(hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance is to be made against an advance payment guarantee.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount(s)]*¹⁶ *in figures and words* upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier on its account *[insert number and domicile of the account]*

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[insert date]*¹⁷.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No.758, except that the supporting statement under Article 15(a) is hereby excluded.

¹⁶*The bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Purchaser.*

¹⁷*Insert the Delivery date stipulated in the Contract Delivery Schedule. The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee. In preparing this Guarantee, the Purchaser might consider adding the following text to the Form, at the end of the penultimate paragraph: "We agree to a one-time extension of this Guarantee for a period not to exceed [six months][one year], in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee."*