

Form Serial No.: |_|_|

Signature of Issuing Officer:

No. - CC-1/2007

High Court of Judicature at Allahabad

Allahabad – 211001
Uttar Pradesh, India.

<http://www.allahabadhighcourt.in>

Tender Document

for

**Supply and installation of Servers, Desktops, Laptops, Thin Clients,
Printers, Switches and UPS**

Issued By –

Registrar General,
High Court, Allahabad.

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SECTION – I: Notice Inviting Tender

Sealed tenders are invited from reputed Original computer hardware manufacturers/their authorized dealers only for the supply, installation and commissioning of items mentioned below (details mentioned in Section – III): Schedule of Requirement for the High Court, Allahabad and its Bench at Lucknow. Selected vendor will be required to supply, install, and configure Hardware/Software items as per the requirement of Allahabad High Court.

Quantity and Earnest Money Deposit (EMD) for items as mentioned in Section –III

Schedule No.	Sl. No.	Items	Quantity	EMD Amount (in Rs.)
Schedule – I	1(a)	Servers (Dual Processor)	2	30,000
	1(b)	Operating System for 1(a).	2	
	1(c)	Servers (Single Processor)	2	
	1(d)	Operating System for 1(c).	2	
Schedule – II	2	Desktop Computers	30	30,000
Schedule – III	3	Laptops	25	50,000
Schedule – IV	4	Thin Clients	370	1,50,000
Schedule – V	5(a)	Laser Printers (Heavy Duty)	3	15,000
	5(b)	Laser Printers	30	
Schedule – VI	6	Line Matrix Printers	2	10,000
Schedule – VII	7(a)	136 cols. Dot Matrix Printers	5	30,000
	7(b)	80 cols. Dot Matrix Printers	200	
Schedule – VIII	8	Switches	25	20,000
Schedule – IX	9	500VA Offline UPS	200	12,000

Important Dates: -

Pre-bid Meeting	20 th January, 2007 11:30 A.M.
Last Date and time for submission of bids	3 rd February, 2007 1:30 P.M.
Date of opening of “Terms and Conditions” and “Technical Bid”	3 rd February, 2007 2:30 P.M.
Presentation/Demonstrations by short-listed bidders	8 th – 9 th February, 2007
Date of Opening of “Financial Bid”	17 th February, 2007 2:30 P.M.

Venue: - Computer Centre, High Court, Allahabad.

Tender Document Fee (Non-refundable) Rs. 1000.00 (Rupees One Thousand Only)

SECTION – II: Terms and Conditions

1. DEFINITIONS

1(i) “Purchaser” means High Court of Judicature at Allahabad and Its Bench at Lucknow.

1(ii). “The Tenderer or Bidder” means an individual or the firm who participates in this tender.

1(iii) “The Goods/Services” means all the hardware, softwares, licenses, and services under the bid.

1(iv) “Letter of Intent” means the written communication to the successful bidder of the intention of the Purchaser of the goods/services as per the purchase order read with the bid document.

1(vi) “Purchase Order” means the written order signed by the Purchaser for the purchase of goods/services after the Letter of Intent has been accepted by the successful bidder. It shall include all the attachment and appendices thereto and all the documents incorporated by the reference therein.

1(vii). The records, terms and expressions not significantly defined herein or in the bid documents shall have same meaning assigned to them in the Indian Sale of Goods Act, 1930 or the Indian Contract Act, 1872 or the General Clause Act, 1897 as the case may be. The headnotes are for guidance only and shall not affect the interpretation or construction of any provision thereof and in the bid document.

2. ELIGIBILITY TO BID

2(i) The bidder should be a reputed OEM or a dealer of the OEM or System Integrator (SI). Indian reputed SI and having valid MOU with OEMs will only be eligible in this tender. The MOU agreement must indicate the commitment of OEM for meeting all the contractual obligations and shall be required to be submitted (*to be submitted in Technical Bid envelope*) at the time of bid.

2(ii). The experience of OEM will be considered for eligibility. The bidder should have supplied at least 75% of the quantity of items specified in the tender in a single order within last two years to qualify experience criterion (proof must be submitted in Technical Bid envelope).

2(iii). It is compulsory to bid for all items for any particular schedule.

2(iv). The bidder can bid for any number of schedules mentioned in the “Schedule of Requirements” in Section - III.

2(v). The bidder is not black listed by Government of Uttar Pradesh or by Government of India.

3. COST OF BIDDING

3(i) The bidder shall bear all the costs associated with the preparation and submission of his bid(s). The Purchaser, in no case, will be responsible or liable for any cost(s), regardless of the conduct of the process.

4. THE BID DOCUMENT

4(i) The bid document can be obtained from Computer Centre, High Court, Allahabad on deposit of Rs.1000.00 (Rupees One Thousand only) as bid document fee at the Cash Counter, High Court, Allahabad.

4(ii) The bid document is also available on the web site <http://www.allahabadhighcourt.in> to enable the bidders to use this document for submitting their bids in High Court, Allahabad against the tender notice. The bidders who will submit their bids on downloaded bid documents, will submit bid document fee of Rs. 1000 (Rupees One Thousand only) in the form of account payee Bank Draft payable on any branch of nationalized bank at Allahabad in favor of "Registrar General, High Court, Allahabad"

4(iii) This tender document fee of Rs.1000.00 will be non-refundable to the bidders. In case of any ambiguity, the original tender document available in High Court, Allahabad or on the web site shall be treated as final tender document.

4(iv) The tenders submitted on downloaded tender documents without enclosing tender document fee (non-refundable) of Rs.1000.00 (Rupees One Thousand Only) in the form of Bank Draft shall not be accepted and will be summarily rejected.

4(v) The bidding procedure, terms & conditions of the contract and the goods/services proposed to be purchased are described in the bid document, which comprise the following:

- Section-I: Notice Inviting Tender*
- Section-II: Terms and Conditions.*
- Section-III: Schedule of Requirement*
- Section-IV: General Information*
- Section-V: Technical Bid.*
- Section-VI: Financial Bid.*

4(vi) The bidder shall examine all the forms, instructions, terms & conditions and specifications in the bid document. The failure to furnish all information required as per the bid document or submission of bids not substantively responsive to the bid document shall be at the bidder's own risk and liable to summary rejection.

5. AMENDMENT TO THE BID DOCUMENT

5(i) At any time, prior to the date of submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify bid document by amendments.

6. NOTIFICATION OF AMENDMENT IN THE BID

6(i) The amendments to the bid document if any shall be published as a corrigendum on the website of High Court at <http://www.allahabadhighcourt.in>.

6(ii) In order to afford prospective bidders a reasonable time to take the amendment into account in preparing their bids, the purchaser may, at its discretion, extend the deadline for the submission of bids suitably.

7. DOCUMENTS COMPRISING THE BID

The bid prepared by the bidder shall comprise of "Terms & Conditions", "Technical Bid" and "Financial Bid" and should be submitted in three separate envelopes duly sealed and signed:

It shall have the following components:

- (I) Documentary evidence established in accordance with the clause 2 & 10 that the bidder is eligible to bid and is qualified to perform the contract if his bid is accepted. *(to be submitted in Terms and Conditions envelope)*.
- (ii) Bid security furnished in accordance with clause 12. *(to be submitted in Terms and Conditions Bid envelope)*
- (iii) Power-of-attorney as per clause 14(ii). *(to be submitted in Terms and Conditions envelope)*
- (iv) Permanent Account Number (PAN) received from Income Tax department. *(to be submitted in Terms and Condition envelope)*
- (v) Sales Tax Certificates (CST & MST). *(to be submitted in Terms and Condition envelope)*.
- (vi) General Information form as mentioned in Section IV *(to be submitted in Terms and Condition envelope)*.
- (vii) Affidavit that the bidder's firm has not been black listed from Government of U.P./Government of India *(to be submitted in Terms and Condition envelope)*.
- (viii) A Clause by Clause compliance as per clause 11(ii)(c) and other documents as per clause 11. *(to be submitted in Technical Bid envelope)*

(ix) Technical Bid Form as per Section V. *(to be submitted in Technical Bid envelope)*

(x) A bid form and price schedule completed in accordance with clause 8 & 9. *(to be submitted in Financial Bid envelope)*

8. BID FORM

8(i) The bidder shall complete the General Information form in all respect. The Technical Bid form and Financial Bid for the appropriate Schedule of Requirement for which he is bidding complete in all respect as per section VI.

9. BID PRICES

9(i) The bidder shall give the total composite price inclusive of all kinds of Levies & Taxes i.e. Sales Tax, Octroi/Entry Tax & Excise, packing, forwarding, freight and insurance etc. The basic unit price and all other components of the price need to be individually indicated against the goods it proposes to supply under the contract as per the price schedule given in Section – VI. Prices of incidental services should also be quoted. The offer shall be firm in Indian Rupees. No Foreign exchange will be made available by the purchaser. The price comparison shall be based on total prices of items.

9(ii) Prices indicated in the Price schedule shall be entered in the following manner:

(a). The Basic Unit price (Ex-Factory Price) of the goods, Excise duty, Sales Tax, Freight, Forwarding, Packing, Insurance and any other Levies/Charges/Octroi, already paid or payable by the supplier shall be quoted separately item wise.

(b). The supplier shall quote as per price schedule given in Section - VI for all the items given in schedule of requirement.

(c). It is mandatory to quote for all components of the price viz. Ex.Factory Price, Excise duty, Customs duty, Sales Tax etc. The bidder cannot show second sale.

9(iii). The Basic Unit Price quoted by the bidder shall remain fixed during the entire period of Conveyance Deed and shall not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsible and rejected.

9(iv). The prices quoted by the bidder shall be in detailed breakup to enable the Purchaser to arrive at the price of equipment/system offered.

9(iv). The price approved by the Purchaser for procurement will be inclusive of Levies and Taxes, Octroi/Entry Tax, packing, forwarding, freight and insurance as mentioned in para 9(i) above. Breakup in various heads like excise duty, sales tax, insurance, freight and other taxes paid/payable as per clause 9(ii)(a) is for the information of the purchaser and any change in these shall have no effect on price during the scheduled delivery period.

9(v) "DISCOUNT, if any, offered by the bidders shall not be considered unless specifically indicated in the price schedule. Bidders desiring to offer discount shall therefore modify their offers suitably while quoting and shall quote clearly net price taking all such factors like Discount, free supply, etc. into account".

9(vi) The Purchaser shall provide "D" Form for sales tax to the supplier and Form-32 for road permit.

10. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATION

10(i) The bidder shall furnish, as part of the bid document establishing the bidder's eligibility, the following documents or whichever is required as per terms and conditions of bid document.

(a). Certificate of Incorporation.

(b). Article or Memorandum of Association or partnership deed or proprietorship deed as the case may be.

(c). Registration certificate from State Director of Industries or from Secretariat for Industrial Approval (SIA), Ministry of Industries, Government of India.

(d). Approval from Reserve Bank of India/ SIA in case of foreign collaboration, if applicable.

10(ii)

(a) The bidder shall furnish Annual Report and/ or a certificate from its bankers as evidence that he has financial capability to execute the Conveyance Deed.

(b) The bidder shall furnish documentary evidence about technical and production capability necessary to execute the Conveyance Deed.

10(iii) In order to enable the Purchaser to assess the provenness of the system offered, the bidder shall provide documentary evidence regarding the system being offered by him.

11. DOCUMENTS ESTABLISHING GOOD'S CONFORMITY TO BID DOCUMENT

11(i) Pursuant to clause 7, the bidder shall furnish, as part of his (Technical) bid, documents establishing the conformity of his bid to the bid document of all goods and services which he proposes to supply under the contract.

11(ii) The documentary evidences of the "goods and services" conformity to the bid document may be, in the form of printed leaflets, literature, drawings, data etc. and the bidder shall furnish along with the Technical Bid as per the format mentioned in Section - V :

(a) A detailed description of goods with essential technical and performance characteristics;

(b) A list, giving full particulars including available sources and current prices of all spare parts, special tools etc. necessary for the proper and continuous functioning of the goods for a period of three years following commencement of use of the goods by the purchaser, and

(c) A clause-by-clause compliance on the purchaser's Technical Specifications and Commercial Conditions demonstrating substantial responsiveness to the technical specifications and commercial conditions be mentioned in the format mentioned in Section – V. In case of deviations, a statement of the deviations and exception to the provision of the Technical Specifications and Commercial Conditions shall be given by the bidder. A bid without clause-by-clause compliance of the Technical specifications (Section-VI), Commercial Conditions (Section-III) and Special Conditions (Section-IV) shall not be considered.

11(iii) For the purpose of compliance to be furnished pursuant to the clause 11(ii)(c) above, the bidder shall note that the standards for the workmanship, material and equipment and reference to the brand names or catalogue number, designated by the Purchaser in its Technical specifications are intended to be descriptive only and not restrictive.

12. EARNEST MONEY DEPOSIT AS BID SECURITY, PERFORMANCE BANK GUARANTEE AND PAYMENT TERMS.

12(i) Pursuant to clause 7, the bidder shall furnish, as part of his bid, Earnest Money Deposit as bid security of amount in Section – I against each item for which bid is being submitted. The bidders (small scale units), who are registered with National Small Scale Industries Corporation are also required to furnish the bid security.

12(ii) The bid security is required to protect the purchaser against the risk of bidder's conduct, which would warrant the forfeiture of bid security pursuant to clause 12(vii)

12(iii) The bid security shall be in the form of account payee Bank Draft payable on any branch of nationalized bank at Allahabad in favour of Registrar General, High Court, Allahabad and valid for six months in a separate sealed envelop marked "Earnest Money Deposit" inside the envelop marked "Terms and Conditions".

12(iv) The bid not secured in accordance with clause 12(i) & 12(iii) shall be rejected by the Purchaser being non-responsive at the bid opening stage.

12(v) The bid security of the unsuccessful bidder will be discharged/returned as promptly as possible but not later than 30 days after the expiry of the period of the bid validity prescribed by the purchaser pursuant to clause 13.

12(vi) The successful bidder's bid security will be discharged upon the bidder's acceptance of the Letter of Intent (LOI) satisfactorily in accordance with clause 27 and furnishing the performance security as Bank Guarantee.

12(vii) The bid security may be forfeited:

(a) If the bidder withdraws his bid during the period of bid validity specified by the bidder in the bid form or if the bidder is not able to provide the consent of OEM for signing the tripartite agreement or if the bidder is not able to provide proper authorization from OEM of items for which the bid is being submitted or

(b) In the case of successful bidder, if the bidder fails:

(A) To sign the contract in accordance with clause 28 or

(B) To furnish performance security in accordance with clause 27.

(c) In the above cases, i.e. 12(vii) (a) & (b), the bidder will not be eligible to participate in the tender for same item for one year from the date of issue of Letter of Intent (LOI).

The bidder will not approach the court against the decision of the Purchaser in this regard.

12(viii) Within 7 days of the receipt of notification of award i.e. purchase order from the Purchaser, the successful Bidder shall furnish the performance security in the form of bank guarantee for an amount of 10% of the value of the equipment to be procured from State Bank of India or its associate banks or any nationalized bank of India or scheduled bank located in India in favour of Registrar General, High Court, Allahabad and valid for three months beyond the full warranty period of three years from the date of successful commissioning of all the supplied items in the prescribed format. At the end of each year for first two years, the performance bank guarantee of 3% amount shall be returned by the Purchaser and the bank guarantee of remaining 4% amount shall be returned after the completion of Onsite Comprehensive warranty period of three years. The successful bidder may submit bank guarantee accordingly.

12(ix) Payment for the items to be supplied by the bidder against the purchase order shall be made by Purchaser as follows: -

80% amount of the total order value will be paid to the bidder within 2 weeks of physical delivery against all the ordered items to the sites after their physical inspection at the office/factory of the bidder or physical inspection of all the items at site(s) by the team of technical experts sent by Purchaser satisfactorily and providing all the delivery challans duly signed and stamped by authorized representatives of user department and furnishing of the performance bank guarantee amount of total order value in favour of Purchaser on the format prescribed by the Purchaser.

Remaining **20%** amount of the total order value will be released to the bidder within 2 weeks after satisfactory installation, testing and commissioning of all the supplied items at sites and imparting training to the users.

Payment shall be released on receipt of the original bills in triplicate complete in all respect and original delivery challans of all the items. No payment shall be released for part delivery of the hardware, software and other related accessories against the purchase order, except if action is taken vide clause 16.

13. PERIOD OF VALIDITY OF BIDS

13(i) Bid shall remain valid for 90 days from the date of opening of bids prescribed by the purchaser pursuant to clause 19(i). A bid valid for a shorter period shall be rejected by the purchaser being non-responsible.

13(ii) In exceptional circumstances, the purchaser may request the consent of the bidder for an extension of the period of bid validity. The request and the response thereto shall

be made in writing. The bid security provided under clause 12 shall also be suitably extended. A bidder accepting the request and granting extension will not be permitted to modify his bid.

14. FORMAT AND SIGNING OF BID

14(i) Terms and Conditions, Technical Bid and Financial Bid shall be typed or printed and all the pages numbered consecutively and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the contract. The letter of authorization (in Terms and Conditions envelope) shall be indicated by written power-of-attorney accompanying the bid. All pages of the bid, except for un-amended printed literatures, shall be signed by the person or persons signing the bid. The bids submitted shall be sealed properly.

14(ii). The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder in which case such corrections shall be signed by the person or persons signing the bid.

15. SEALING AND MARKING OF BIDS.

15(i) The bidder shall seal the Terms and Conditions, Technical Bid and the Financial Bid in separate (inner) envelopes. The two bids will further be sealed in an outer envelope. All the envelopes should be sealed separately by the personal seal of the bidder.

15(ii) The bid should be submitted in following manner:

(a) The envelopes shall be addressed to Registrar General, High Court, Allahabad, Uttar Pradesh-211001.

(b) The envelope shall bear 'TENDER DOCUMENT (tender number) and the words 'DO NOT OPEN BEFORE' (due date and time).

(c) The inner and outer envelopes shall indicate the name and address of the bidders to enable the bid to be return unopened in case it is declared 'late' or rejected.

(d) Tender may be sent by registered post or delivered in person on above mentioned address (address is given in clause 15(ii)(a) above). The responsibility for ensuring that the tenders are delivered in time would vest with the bidder. The purchaser shall not be responsible if the bids are delivered elsewhere.

(e) Bids delivered in person on the day of tender opening shall be delivered up to 13:30 hrs at the venue (address is given in clause 15(ii)(f) below) of the tender opening. The purchaser shall not be responsible if the bids are delivered elsewhere.

(f) Venue of the Tender opening: Tenders will be opened at Computer Centre, High Court, Allahabad, Uttar Pradesh - 211001 at 14:30 hrs on the due date. If due to administrative reason, the venue of bid opening is changed, it will be displayed prominently at Computer Centre, High Court, Allahabad and in the Web-Site of Allahabad High Court.

15(iii) If both the envelopes are not sealed and marked as required in clause 15(i) and 15(ii), the bid shall be rejected.

16. SUBMISSION OF BIDS

16(i) Bids must be received by the Purchaser at the address specified in clause 15.2 not later than 14:30 hrs on due date.

16(ii) The purchaser may, at its discretion, extend this deadline for the submission of bids by amending the bid document in accordance with clause 6 in which case all rights and obligations of the purchaser and bidders previously subject to the deadline will thereafter be subjected to the deadline as extended.

16(iii) The bidder shall submit his bid offer against a set of bid document purchased by him for all or some of the schedules in schedules of requirement mentioned in Section -

III of the bid document. Bidder may include alternate offer, for all the schedules or some of the schedules as mentioned in schedules of requirements. However, not more than one independent and complete offer shall be permitted from the bidder.

16(iv) All the items mentioned in a particular schedule in Section - III in Schedules of requirement has to be quoted for.

17. LATE BIDS

Any bid received by the purchaser after the deadline for submission of bids prescribed by the purchaser pursuant to clause 16, shall be rejected and returned unopened to the bidder.

18. MODIFICATION AND WITHDRAWAL OF BIDS

18(i) The bidder may modify or withdraw his bid after submission provided that the written notice of the modification or withdrawal is received by the purchaser prior to the deadline prescribed for submission of bids.

18(ii) The bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched as required in the case of bid submission in accordance with the provision of clause 15. A withdrawal notice may also be sent by FAX but followed by a signed confirmation copy by post not later than the deadline for submission of bids.

18(iii) Subject to clause 20, no bid shall be modified subsequent to the deadline for submission of bids.

19. OPENING OF BIDS BY PURCHASER

19(i) The purchaser shall open bids in the presence of bidders or their authorized representatives who chose to attend, on due date. The bidder's representatives, who are present shall sign in an attendance register. Authority letter to this effect shall be submitted by the bidders before they are allowed to participate in bid opening.

19(ii) A maximum of two representatives of any bidder shall be authorized and permitted to attend the bid opening.

19(iii) The bidder's names, technical bid, financial bid, modifications, bid withdrawals and such other details as the purchaser, at its discretion, may consider appropriate will be announced at the time of opening.

19(iv) The date fixed for opening of bids, if subsequently declared as holiday by the Purchaser, the revised date of schedule will be notified. However, in absence of such notification, the bids will be opened on next working day, time and venue remaining unaltered.

19(v) Terms and Conditions envelop and then Technical Bid envelopes for the bidders who have accepted Terms and Conditions will be opened on February 3, 2007.

19(vi) The Financial Bid envelopes of only technically qualified bidders will be opened on February 17, 2007.

20. CLARIFICATION OF BIDS

To assist in the examination, evaluation and comparison of bids, the purchaser may, at its discretion ask the bidder for the clarification of its bid. The request for the clarification can be in oral or in writing and the response shall be in writing only. However, no post bid clarification at the initiative of the bidder shall be entertained.

21. PRELIMINARY EVALUATION

21(i) Purchaser shall evaluate the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are generally in order.

21(ii) Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and

quantity, the unit price shall prevail and the total price shall be corrected by the purchaser. If there is a discrepancy between words and figures, the amount in words shall prevail. If the supplier does not accept the correction of the errors, his bid shall be rejected.

21(iii) Prior to the detailed evaluation pursuant to clause 22, the Purchaser will determine the substantial responsiveness of each bid to the bid document. For purposes of these clauses, a substantially responsive bid is one which confirms to all the terms and conditions of the bid document without material deviations. The purchaser's determination of bid's responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence.

21(iv) A bid determined as substantially non-responsive will be rejected by the purchaser and shall not subsequent to the bid opening be made responsive by the bidder by correction of the non-conformity.

21(v) The purchaser may waive any minor infirmity or non-conformity or irregularity in a bid which doesn't constitute a material deviation, provided such waiver doesn't prejudice or effect the relative ranking of any bidder.

21(vi) The purchaser reserves the right to see demonstration of goods and services quoted in the bids.

22. EVALUATION AND COMPARISON OF SUBSTANTIALLY RESPONSIVE BIDS

22(i) The purchaser shall evaluate in detail and compare the bids previously determined to be substantially responsive pursuant to clause 21.

22(ii) The evaluation and comparison of responsive bids shall be done on the composite price of the goods offered, inclusive of all kinds of Levies & Taxes i.e. Sales tax & Excise duty, Octroi/Entry tax, packing, forwarding, freight and insurance etc. as indicated in column 15 of the Price Schedule in Section-VII, Part-II of the bid document.

22(iii) Technical specifications of the Goods/Services and the leaflets/supporting document enclosed to confirm them.

22(iv) Bidder's turnover in last three years.

22(v) Bidder's installation base and After Sales Service support at Allahabad, Lucknow and Districts of UP.

22(vi) For uniform comparative analysis, MNC & Indigenous brands shall be compared separately.

22(vii) Weightage may be given to the bidders offering additional bundled softwares along with the computers, if all other parameters of technical evaluation are equal.

23. CONTACTING THE PURCHASER

23(i) Subject to clause 20, no bidder shall try to influence the Purchaser on any matter relating to its bid, from the time of the bid opening till the time the contract is awarded.

23(ii) Any effort by a bidder to modify his bid or influence the purchaser in the purchaser's bid evaluation, bid comparison or contract award decision shall result in the rejection of the bid.

24. PLACEMENT OF ORDER

The Purchaser shall consider placement of orders for commercial supplies only on those eligible bidders whose offers have been found technically, commercially and financially acceptable and whose goods have been type approved/ validated by the purchaser. The purchaser reserves the right to counter offer price(s) against price(s) quoted by any bidder.

25. PURCHASER'S RIGHT TO VARY QUANTITIES

25(i) The Purchaser will have the right to increase or decrease the quantity of goods and services specified in the schedule of requirements without any change in the unit price or other terms and conditions at the time of award of contract.

25(ii) In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued supplied from the existing vendors, the purchaser reserves the right to place repeat order up to 50% of the quantities of goods and services contained in the running tender/ contract within a period of twelve months from the date of acceptance of 1st LOI at the same rate or a rate negotiated (downwardly) with the existing vendors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc.

26. PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

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 the award of the contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of purchaser's action.

27. ISSUE OF LETTER OF INTENT (LOI)

27(i) The issue of an LOI shall constitute the intention of the purchaser to enter into contract with the bidder.

27(ii) The bidder shall within 7 days of issue of the LOI, give his acceptance (by signing each page of LOI) along with performance security in conformity with Annexure – I provided with the bid document.

28. SIGNING OF CONTRACT

28(i) The issue of Purchase Order shall constitute the award of contract on the bidder.

28(ii) Upon the successful bidder furnishing performance security pursuant to clause 27, the Purchaser shall discharge the bid security in pursuant to clause 12.

29. ANNULMENT OF AWARD

Failure of the successful bidder to comply with the requirement of clause 28 shall constitute sufficient ground for the annulment of the award and the forfeiture of the bid security in which event the purchaser may make the award to any other bidder at the discretion of the purchaser or call for new bids.

30. QUALITY ASSURANCE REQUIREMENTS

The supplier shall have Quality Management System supported and evidenced by the following:

- A Quality Policy.
- A management representative with authority and responsibility for fulfilling QA requirements and for interfacing the purchaser in the matters of Quality.
- Procedure for controlling design/production engineering, materials, choice of components/vendors, manufacturing and packaging process for supplying quality products.
- System of Inward Good inspection as mentioned in clause 34.
- System to calibrate and maintain required measuring and test equipment.
- System for tracing the cause for non-conformance (trace ability) and segregating product which don't conform to specifications.
- Configuration management and change-control mechanism.
- A quality plan for the product.

- Periodical internal quality audits.
- A 'Quality Manual' detailing the above Or infrastructure assessment certificate and Type Approval Certificate issued by "TEC" shall be furnished.

31. SUMMARY REJECTION OF BIDS

While all the conditions specified in the bid document are critical and are to be complied, special attention of bidder is invited to the following clauses of the bid document. Non-compliance of any one of which shall result in out right rejection of the bid.

31(i) Clause 15(i) of Section-II: The bids will be recorded/returned unopened if covers are not properly sealed with 'PERSONAL SEAL' of the bidder.

31(ii) Clauses 12(i), 12(ii) & 13(i) of Section-II: The bids will be rejected at opening stage if bid security is not submitted as per clauses 12(i) & 12(ii) and bid validity is less than the period prescribed in clause 13(i) mentioned above.

31(iii) Clause 2 & 10 of Section-II: If the eligibility condition as per clause 2 of Section-II is not met and/or documents prescribed to establish the eligibility as per clause 10 of Section-II are not enclosed, the bids will be rejected without further evaluation.

31(iv) Clause 11.2 (c) of Section-II: If clause-by-clause compliance and deviation statements as prescribed are not given, the bid will be rejected at the stage of primary evaluation. In case of no deviations, a statement to that effect must be given.

31(v) Section-IV, Section-V & Section-VI, Technical Specifications: Compliance if given using ambiguous words like "Noted", "Understood", "Noted & Understood" shall not be accepted as complied. Mere "Complied" will also be not sufficient, the specification of the parameter should be given and reference to the enclosed documents showing compliances must be given.

31(vi) Section-VI, Price Schedule: Prices are not filled in as prescribed in price schedule.

31(vii) Section-II clause 9(v) on discount which is reproduced below:

"Discount, if any, offered by the bidder shall not be considered unless specifically indicated in the price schedule. Bidders desiring to offer discount shall therefore modify their offer suitably while quoting and shall quote clearly net price taking all such factors like Discount, free supply etc. into account".

32. DISQUALIFICATION FOR HABITUAL DEFAULTER

Purchaser reserves the right to disqualify the supplier for a suitable period who habitually failed to supply the equipment in time. Further, the suppliers whose equipment do not perform satisfactory in the field in accordance with the specifications may also be disqualified for a suitable period as decided by the purchaser.

33. BLACKLISTING OF DEFAULTING BIDDER

33(i) Purchaser reserves the right to blacklist a bidder for a suitable period in case he fails to honors his bid without sufficient grounds.

33(ii) The bidder should give a certificate that none of his/her near relative is working at High Court, Allahabad and its Bench at Lucknow as defined below where he is going to apply for the tender. In case of proprietorship firm certificate will be given by the proprietor. For partnership firm certificate will be given by all the partners and in case of limited company by all the Directors of the company excluding Government of India/ Financial institution nominees and independent non official part time directors appointed by Govt. of India or the Government of the state. Due to any breach of these conditions by the company or firm or any other person the tender will be cancelled and bid security will be forfeited at any stage whenever it is noticed and Purchaser will not pay any damage to the company or firm or the concerned person. The company or firm or the

person will also be debarred for further participation in High Court, Allahabad and its Bench at Lucknow. The near relatives for this purpose are defined as:

- (a) Members of a Hindu undivided family.
- (b) They are husband and wife.
- (c) The one is related to the other in the manner as father, mother, son(s) & son's wife (daughter in law), daughter (s) and daughter's husband (son in law), brother(s) and brother's wife, sister(s) and sister's husband (brother in law).

34. PRE-DISPATCH INSPECTION AND ACCEPTANCE TEST

34(i) Pre-Dispatch Inspection of all the ordered items (hardware/software) shall be carried out by a team of technical experts at the manufacturing plant/ wherever situated in India or at local office of the Bidder at Allahabad prior to delivery of the items at respective sites. Acceptance will be conducted by team of technical experts sent by Purchaser in presence of the Bidder on all the ordered items to ascertain that the items to be delivered are as per ordered technical specifications and of the acceptable quality. A set of all the diagnostic tools and techniques to test Computers, other items and softwares shall be provided by the Bidder to the team of technical experts sent by Purchaser along with the physical inspection and testing schedule prior to inviting Purchaser for inspection and testing of the items at the Bidder's office/factory. The items must be as per ordered technical specifications or higher technical specifications only. No incomplete systems will be accepted under any circumstances. The systems should also contain same subsystems (brand/make) as quoted in the tender. It shall be the exclusive responsibility of the Bidder to provide appropriate device drivers alongwith the systems. Failure to fulfill any of above mentioned conditions will lead to the rejection of the items during inspection and acceptance testing of the items. The items which will be inspected and accepted during Pre-Dispatch Inspection by the team of technical experts sent by Purchaser shall be packed by the Bidder and the representatives of Purchaser will put a unique number, their seal and signature on each of the packet. The Bidder will deliver the sealed packets to the respective sites after pre dispatch inspection. The Bidder will make all the arrangements for lodging, fooding & local transportation etc. of the team members (team of technical experts sent by Purchaser) during Pre-Dispatch Inspection of the items at the Bidder's cost.

34(ii) If at any stage during Pre-Dispatch Inspection, it is found that computers, softwares and other related items are not ready or not of acceptable quality, Purchaser reserves the right to cancel the Purchase Order and forfeit the Earnest Money Deposit.

34(iii) Acceptance Test of all the items shall be conducted after delivery of same at High Court, Allahabad and its Bench at Lucknow and fulfillment of all requirements as per the Terms and Conditions of the Conveyance Deed to ensure that items are same which were inspected before dispatch: are as per technical specifications mentioned in Purchase Order and or delivered in good working condition.

35. DELIVERY, INSTALLATION & COMMISSIONING OF ITEMS

34(i) The delivery of computers and other related items to be ordered shall be made by the bidder within 6 weeks from the date of issue of the purchase order by Purchaser to the bidder. All the deliveries should be on CIF basis. If any loss or damage occurs in transit then it will be the responsibility of the bidder to make good the loss, within the time stipulated in the tender/purchase order for installation. The bidder may take necessary action to claim the insurance money, for the item(s) lost/damaged during transit, from insurance Company at his own level.

34(ii) All the items to be supplied should be new, of good quality and standard and as per the technical specifications mentioned in technical bid document.

34(iii) The bidder will provide operational manuals, OEM documents for peripherals, set of diagnostics to test all the sub-systems etc. along with the systems. All the softwares should be supplied along with the media, manuals and requisite licenses.

(iv) The installation of all the items in the High Court, Allahabad and it's Bench at Lucknow will have to be completed satisfactorily within twelve weeks from the date of issue of the purchase order by Purchaser to the bidder failing which the Purchase Order may be cancelled.

36. COMPENSATION

36(i) If delivery/installation of the items is not made within above stipulated period, the compensation will be payable for non-adherence to the committed delivery/installation schedules by the bidder to Purchase as follows: -

0.5% of the total order value per week of delay in delivery of computers, other items & softwares subject to maximum of 5.0% of total order value.

0.5% of the total order value per week of delay attributable to bidder in installation of all the items subject to a maximum of 5.0% of total order value.

36(ii) Purchaser reserves the right to cancel the total/part purchase order, if the delivery gets delayed more than 4 weeks from the stipulated period of 6 weeks given in the Purchase Order. Penalty as mentioned in clause 15 above shall however be applicable even if the order is cancelled in part or full. Purchaser shall have no responsibility whatsoever for any damages sustained by the bidder due to cancellation of the purchase order. In such case, the earnest money deposited by the bidder in Purchaser shall be forfeited in full.

36(iii) Purchaser reserves the right to reject any items supplied against the purchase order, if found not working satisfactorily at the time of installation at site(s). The rejected items, if any, shall have to be taken back and replaced by good quality items forthwith at the cost of the supplier. No payment will be made for the rejected item(s).

36(iv) If the installation of the items at site gets delayed from the stipulated period given above and to be given in the Purchase Order, then Purchaser reserves the right to forfeit the earnest money deposited by the bidder in Purchaser and the balance payment, if any, due to the supplier for the items supplied against the purchase order shall be forfeited.

36(v) If site is not ready, then the items will be shifted from the place of delivery to the place of installation and installed within a week's time by the bidder at the site(s) to be identified and informed by user department.

37. JURISDICTION

All disputes are subject to Allahabad jurisdiction.

DECLARATION BY THE BIDDER

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by all the clauses from serial no. 1 to 33. This is also certified that I/We/our principal manufacturing firm has no objection in signing the purchase contract if the opportunity for the supply of the items against this tender is given to me/us.

Date:

Signature:

Address:

Name:

Designation:

On behalf of:

(Company Seal)

Section III: Schedule of Requirement

Schedule I: Servers (Tower Models)

1(a). Server - Dual Processor based (All the options have to be quoted).

(i) AMD Based (Option – 1)

Parameters	Specification
Processor	2 x Dual Core AMD Opteron 2218 2.6 GHz or higher with 1MB or more cache per core.
Chipset	Either of the following :- <ul style="list-style-type: none"> • AMD Chipset 8111 & 8132 • Broadcom Serverworks HT-2100 Northbridge and HT1000 Southbridge Chipset
Memory Protection	Advanced ECC.
Memory	16 GB PC2-5300 DDR2 667MHz
Memory Expandability	Atleast 24 GB
Storage	8 Nos. Hot Plug 146GB 3Gb/sec SAS Disks with 15000 RPM or higher in RAID-5.
Disk Bays	Hot Plug capable at least 8 Disk Bays.
RAID Controller	SAS Disk Array Controllers with 256 MB cache with battery backup on PCI Express x8 and supporting RAID levels 0,1,10 and 5. The controller should support online hot spare.
Power Supply	N+1 Hot Plug Redundant Power Supply with separate AC inlets for all power modules.
Network	3 Nos. Gigabit Ethernet controller
Graphics Card	Internal PCI VGA with minimum 8 MB Video RAM ATI Rage
PCI	Atleast 2 Nos. 64-bit 133 Mhz PCI-X, 1No. PCI Express x4 and 1 No. x8 slots.
I/O Ports	At least 1 parallel, 1 serial and 4 Nos. USB 2.0(2 in front and 2 in rear), 3 RJ45 Port, 1 PS/2 Keyboard Port, 1 PS/2 Mouse Port.
Floppy Drive	Internal 3.5" 1.44 MB floppy drive
CD Drive	Internal IDE DVD Writer with 18X write speed or higher
Backup Device	Internal Digital Linear Tape (DLT) Drive with 40/80 GB or higher.
Monitor / Keyboard /Mouse	17" colour TFT monitor, keyboard, Optical Scroll Mouse with pad
Server Management Software	Web based monitoring for: - <ul style="list-style-type: none"> • Support Remote Access & Remote monitoring • Server trouble shooting • Health Indicator and Corrective Action including Auto Mated Power Cycling • OS Watch DOG Timer and Fault Resilient Booting • Raid Array Diagnostic Tool with ability to view Disc status and array status with pre-failure warning capability.
Other features, if any	Support Memory Mirroring/Memory Sparring, Hardware Periodic Memory Scrubbing for Enhanced Memory throughput
Certification	Red Hat, SUSE Ready, Microsoft, ISO 9001, 14001, MAIT
Warranty	3 years comprehensive on-site warranty.

(ii) Intel Based (Option – 2)

Parameters	Specification
Processor	2 x Dual Core Intel Xeon DP CPU 3.6 GHz or higher with 2MB L2 or more cache.
Chipset	Intel 5000p
FSB	1333 MHz or higher
Memory	16 GB PC2-5300 Fully Buffered DDR2-667 MHz
Memory Expandability	Atleast 24 GB
Storage	8 Nos. Hot Plug 146GB 3Gb/sec SAS Disks with 15000 RPM or higher in RAID-5.
RAID Controller	SAS Disk Array Controllers with 256 MB cache with battery backup on PCI Express x8 and supporting RAID levels 0,1,10 and 5. The controller should support online hot spare.
Disk Bays	Hot Plug capable at least 8 Disk Bays.
Power Supply	N+1 Hot Plug Redundant Power Supply with separate AC inlets for all power modules.

Network	3 Nos. Gigabit Ethernet controller
Graphics Card	Internal PCI VGA with minimum 8 MB Video RAM ATI Rage
PCI	Atleast 4 with two hot-plug 64-bit/100/133 Mhz PCI-X and two PCI Express x4/x8 slots.
I/O Ports	At least 1 parallel, 1 serial and 4 Nos. USB 2.0(2 in front and 2 in rear), 3 RJ45 Port, 1 PS/2 Keyboard Port, 1 PS/2 Mouse Port.
Floppy Drive	Internal 3.5" 1.44 MB floppy drive
CD Drive	Internal IDE DVD Writer with 18X write speed or higher
Backup Device	Internal Digital Linear Tape (DLT) Drive with 40/80 GB or higher.
Monitor / Keyboard /Mouse	17" colour TFT monitor, keyboard, Optical Scroll Mouse with pad
Server Management Software	Web based monitoring for: - <ul style="list-style-type: none"> • Support Remote Access & Remote monitoring • Server trouble shooting • Health Indicator and Corrective Action including Auto Mated Power Cycling • OS Watch DOG Timer and Fault Resilient Booting. • Raid Array Diagnostic Tool with ability to view Disc status and array status with pre-failure warning capability.
Other features, if any	Support Intel's new Extended Memory 64 Technology, Intel E7520 MCH provides, Memory Mirroring/Memory Sparring, Hardware Periodic Memory Scrubbing for Enhanced Memory throughput
Certification	Red Hat, SUSE Ready, Microsoft, ISO 9001, 14001, MAIT
Warranty	3 years comprehensive on-site warranty.

1(b). Operating System for Servers (1(a)).

Operating System	Red Hat Enterprise Linux 4.0 AS or latest with subscription for three years for upgrades, updates and patches.
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1(c). Server - Single Processor based (Tower Models) (All the options have to be quoted).

(i) AMD Based (Option -1)

Parameter	Specification
Processor	Single processor Dual Core AMD Opteron 2218 2.6 GHz or higher with 1MB or more cache per core.
Chipset	Either of the following :- <ul style="list-style-type: none"> • AMD Chipset 8111 & 8132 • Broadcom Serverworks HT-2100 Northbridge and HT1000 Southbridge Chipset
Memory Protection	Advanced ECC.
Memory	4 GB DDR2 667MHz
Memory Expandability	Atleast 8 GB
Storage	6 Nos. Hot Plug 146GB 3Gb/sec SAS Disks with 15000 RPM or higher in RAID-5.
Disk Bays	Hot Plug capable at least 6 Disk Bays.
RAID Controller	SAS Disk Array Controllers with 64 MB cache with battery backup on PCI Express x8 and supporting RAID levels 0,1,10 and 5.
Power Supply	N+1 Hot Plug Redundant Power Supply with separate AC inlets for all power modules.
Network	3 Nos. Gigabit Ethernet controller
Graphics Card	Internal PCI VGA with minimum 8 MB Video RAM ATI Rage
PCI	Atleast 2 Nos. 64-bit 133 Mhz PCI-X, 1No. PCI Express 4x and 1 No. 8x slots.
I/O Ports	At least 1 parallel, 1 serial and 4 Nos. USB 2.0(2 in front and 2 in rear), 3 RJ45 Port, 1 PS/2 Keyboard Port, 1 PS/2 Mouse Port.
Floppy Drive	Internal 3.5" 1.44 MB floppy drive
CD Drive	Internal IDE DVD Writer with 18X write speed or higher
Backup Device	Internal Digital Linear Tape (DLT) Drive 40/80 GB.
Monitor / Keyboard /Mouse	17" colour TFT monitor, keyboard, Optical Scroll Mouse with pad

Server Management Software	Web based monitoring for: - <ul style="list-style-type: none"> • Support Remote Access & Remote monitoring • Server trouble shooting • Health Indicator and Corrective Action including Auto Mated Power Cycling • OS Watch DOG Timer and Fault Resilient Booting • Raid Array Diagnostic Tool with ability to view Disc status and array status with pre-failure warning capability.
Other features, if any	Support Memory Mirroring/Memory Sparring, Hardware Periodic Memory Scrubbing for Enhanced Memory throughput
Certification	Red Hat, SUSE Ready, Microsoft, ISO 9001, 14001, MAIT
Operating System	Red Hat Enterprise Linux 4.0 AS or latest with subscription for three years for upgrades, updates and patches.
Warranty	3 years comprehensive on-site warranty.

(ii) Intel Based – (Option – 2)

Parameter	Specification
Processor	Single processor Dual Core Intel Xeon 2218 2.6 GHz or higher with 2MB or more L2 cache.
Chipset	Intel 3000
FSB	1066 MHz
Memory Protection	Advanced ECC.
Memory	4 GB PC5300 DDR2 667MHz
Memory Expandability	Atleast 8 GB
Storage	6 Nos. Hot Plug 146GB 3Gb/sec SAS Disks with 15000 RPM or higher in RAID-5.
Disk Bays	Hot Plug capable at least 6 Disk Bays.
RAID Controller	SAS Disk Array Controllers with 64 MB cache with battery backup on PCI Express x8 and supporting RAID levels 0,1,10 and 5.
Power Supply	N+1 Hot Plug Redundant Power Supply with separate AC inlets for all power modules.
Network	3 Nos. Gigabit Ethernet controller
Graphics Card	Internal PCI VGA with minimum 8 MB Video RAM ATI Rage
PCI	Atleast 2 Nos. 64-bit 133 Mhz PCI-X, 1No. PCI Express 4x and 1 No. 8x slots.
I/O Ports	At least 1 parallel, 1 serial and 4 Nos. USB 2.0(2 in front and 2 in rear), 3 RJ45 Port, 1 PS/2 Keyboard Port, 1 PS/2 Mouse Port.
Floppy Drive	Internal 3.5" 1.44 MB floppy drive
CD Drive	Internal IDE DVD Writer with 18X write speed or higher
Backup Device	Internal Digital Linear Tape (DLT) Drive 40/80 GB.
Monitor / Keyboard /Mouse	17" colour TFT monitor, keyboard, Optical Scroll Mouse with pad
Server Management Software	Web based monitoring for: - <ul style="list-style-type: none"> • Support Remote Access & Remote monitoring • Server trouble shooting • Health Indicator and Corrective Action including Auto Mated Power Cycling • OS Watch DOG Timer and Fault Resilient Booting • Raid Array Diagnostic Tool with ability to view Disc status and array status with pre-failure warning capability.
Other features, if any	Support Memory Mirroring/Memory Sparring, Hardware Periodic Memory Scrubbing for Enhanced Memory throughput
Certification	Red Hat, SUSE Ready, Microsoft, ISO 9001, 14001, MAIT
Operating System	Red Hat Enterprise Linux 4.0 AS or latest with subscription for three years for upgrades, updates and patches.
Warranty	3 years comprehensive on-site warranty.

1(d). Operating System for Servers (1(c))

Operating System	Red Hat Enterprise Linux 4.0 AS or latest with subscription for three years for upgrades, updates and patches.
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Schedule II : Desktop Computers.

Parameter	Specification
Processor	AMD Athlon 64 X2 Dual-Core 4200+ processor 2.2 GHz (512KB + 512KB) 1 MB L2 cache 2000 MHz with Hyper Transport Technology 2000 MHz bi-directional.
Memory	1 GB DDR2-800
Hard Disk	160-GB SATA 3.0 Gb/s 7200 RPM
Optical Drive	16X DVD+/-RW Writer
Monitor	17" TFT
Graphics	On-board graphics card. The graphics card should support AIGLX.
Sound	On-board High definition integrated stereo sound
Network	1 No. Gigabit Ethernet Adapter.
Keyboard	PS2 Keyboard
Mouse	Optical Scroll Mouse with mouse pad.
Slots	<ul style="list-style-type: none"> • 2 Nos. PCI slots • 2 Nos. PCI Express slots
Ports	<p>In Rear</p> <ul style="list-style-type: none"> • 2 Nos. USB 2.0 port. • 1 No. Parallel port • 1 No. Serial port • 1 No. PS/2 Keyboard port • 1 No. PS/2 Mouse port. • 1 No. RJ-45 port. • 1 No. Audio-in port. • 1 No. Audio-out port • 1 No. VGA port <p>In Front</p> <ul style="list-style-type: none"> • 2 Nos. USB 2.0 ports. • 1 No. Microphone-in port. • 1 No. Line-out/Headphone port.
Operating System	Red Hat Enterprise Linux Workstation 4 or latest with 3 years subscription for upgrades patches and support.
Softwares	Preloaded Open Office Suite 2.0.4 software or latest having support for Devanagari script with Unicode font and available in Remington/ Phonetic/ Transliteration/ Inscript keyboard layouts.
Warranty	3-years on-site comprehensive warranty.

Schedule III : Laptops

Parameters	Specification
Core Technology	Intel Centrino Dual Mobile Technology.
Processor	Intel Core 2 Duo Processor T5600 1.83 GHz, 667 FSB, 2MB-L2 cache or higher
Chipset	Mobile Intel 945GM Express Chipset with 667-MHz FSB
Memory	<ul style="list-style-type: none"> • DDR2 512MB 667-MHz • Two SODIMM slots supporting dual channel memory supporting 512MB/1GB/2GB modules • Upgradeable to 4GB or more.
Hard Drive	Shock Proof 80 GB SMART 7200 RPM
Display	15 inch WXGA (1280 x 800 resolution and 16M colors) or better
Graphics	Integrated Intel GMA 950 with up to 128MB shared memory.
Audio	<ul style="list-style-type: none"> • High definition integrated stereo sound. • Sound Card should support external microphone • Line out/headphone jack • External Microphone jack • Integrated microphone
Optical Storage	EIDE 8X DVD+/-RW DVD Writer or higher
Wireless Support	<ul style="list-style-type: none"> • Integrated Wi-fi Adapter supporting IEEE 802.11a/b/g Network Standard. • Integrated Bluetooth adapter supporting Bluetooth 2.0 standard.
Communication	<ul style="list-style-type: none"> • Integrated 10/100 ethernet. • Integrated 56K v.92 Modem • Integrated Infrared port compatible with IrDA Standards 1.1 (Fast IR) and 1.0 (Slow IR).
Expansion Slots	<ul style="list-style-type: none"> • 1 Type I/II PC Card slot supports 32-bit CardBus and 16-bit

	<p>cards.</p> <ul style="list-style-type: none"> • Integrated Smart Card Reader 4 in 1 or better.
Ports and Connectors	<ul style="list-style-type: none"> • Atleast 2 Nos. USB 2.0 ports • 1 No. VGA port (15-pin monitor connector) • 1 No. Audio in connector • 1 No. Audio out connector • Power Connector • 1 No. RJ-11 connector • 1 No. RJ-45 connector • 1 No. S-video TV out connector • 1 No. IEEE 1394 firewire port • 1 No. Serial port • Docking Connector • Accessory battery connector
Input Devices	<ul style="list-style-type: none"> • Full sized keyboard • Two button touchpad with scroll feature.
Security	Kensington Lock Slot
Power	<ul style="list-style-type: none"> • Atleast 4 Hours battery backup • Battery Charger should work in 90-250V AC range.
Operating System	Red Hat Enterprise Linux 4 Desktop Edition with subscription of three years for support, upgrade and patches and Microsoft Windows XP Professional in dual boot mode.
Softwares	<ul style="list-style-type: none"> • Open Office 2.0.4 or latest preloaded on Windows and Linux partitions. • Norton Antivirus 2006 or higher with subscription of three years. • Support for Devanagari script with Unicode font and available in Remington/ Phonetic/ Transliteration/ Inscript keyboard layouts in Linux and Windows.
Warranty	Comprehensive 3 years on-site warranty including that of batteries.

Schedule IV: Thin Clients.

Parameter	Specification
Processor	AMD Geode NX 1 GHz or above Fan Less Embedded Processor
Operating System	<ul style="list-style-type: none"> • Embedded Red Hat Enterprise Linux 4 and above. • Compressed read-only file system. • NFS and Samba file system support. • CUPS/LPR/LPD and Samba print support for Deskjet, Laserjet and Dot Matrix printers. • X11R6 local Windows manager. • Password protected setup.
Local Applications	Local Red Hat Enterprise Linux 4 with <ul style="list-style-type: none"> • Open Office 2.0.4 or latest • Firefox 1.5.x with Sun JVM 1.5 upwards support • Adobe Acrobat Reader (Latest version) • Flash Player • Local Mail Client Support.
Memory	512 MB SODIMM DDR Memory upgradeable to 1GB or more.
Flash ROM	512 MB IDE Flash
Audio	1/8-inch mini microphone, Internal Stereo amplified speaker, 1/8-inch mini full 16-bit stereo
I/O	<ul style="list-style-type: none"> • 1 Serial, 1 Parallel port, 4 USB 2.0 ports, 2 PS2 ports, Hardware 1/8" Stereo audio output+8-bit mini mike input, VGA type video output on DB-15 type. • Plug and Play (PnP) support for an array of USB Devices.
Networking	<ul style="list-style-type: none"> • Integrated 10/100 Mbps auto sensing Ethernet with RJ-45 connector. • TCP/IP with DNS and DHCP. • Wake on LAN • DHCP support for automatic upgrades and unit configuration. • PPP
Other Protocols	<ul style="list-style-type: none"> • NFS, PXE, SNMP, SSH, PPTP(VPN), PPPoE, Wireless LAN 802.11 support • Support for Dial-up networking on serial port.
Display	Supports upto 1024x768 resolution @60 Hz, supports 32-bit true colour.
Security	<ul style="list-style-type: none"> • Password Protection setup.

	<ul style="list-style-type: none"> • Kensington Lock Support
USB Storage	Supports USB pen drive, Floppy drive, Zip drive in RDP, ICA and XDMCP sessions.
Multiple Sessions	<ul style="list-style-type: none"> • Multiple X11R6, XDMCP, RDP, ICA, Terminal Emulation sessions support. • Capability to auto-start multiple sessions for multiple users stored locally.
User Interface	<ul style="list-style-type: none"> • Desktop/Kiosk mode options. • Ability to switch between sessions with single mouse click in desktop mode.
Monitor	15" TFT with VESA mounting support.
Mouse and Keyboard	PS/2 optical mouse with pad and PS/2 104 keys mechanical keyboard.
Server OS Support	<ul style="list-style-type: none"> • Linux(Red Hat,SUSE)/Unix (HP-UX,AIX,Solaris) • Windows NT-TSE, Windows 2000, Windows 2003. • Citrix WinFrame, MetaFrame.
Emulation	<ul style="list-style-type: none"> • ICA for Citrix – Support to connect to multiple Citrix servers simultaneously. • RDesktop for connecting to Windows Terminal Servers. • XDMCP for Unix and Linux GUI. • Complete Terminal Emulation Suite supporting emulations like VT100,VT220,ANSI, etc with ability to program multiple function keys.
Smart Card Reader	Internal / External Smart Card Reader.
Additional Features	Local Print Queue Manager. Should be able to cancel any print job from client.
Power Supply	<ul style="list-style-type: none"> • 50 Watts or less power supply. • No moving parts in the Thin Client.
Mounting of Thin Clients	Desktop/Vertical VESA Mounting with kit.
Regulatory Standards	Regulatory standards FCC, UL and RoHS compliant.
Management Tool (to be supplied as part of Thin Client Management Software)	<p>Thin Client Management software tool compliant with HTTP/HTTPS/SNMP with following features: -</p> <ul style="list-style-type: none"> • Single Deployment; • Secure Management; • Remote management, configuration and upgrades through management software; • Complete image upgrade; • Send messages; • Easy migration; • Wake Client Remotely (Wake on LAN) • Remote Screen Shadowing of entire desktop (via VNC viewer); • PXE BIOS for image network boot.
Warranty	Comprehensive on-site warranty for three years. Free software patch images and upgrades for 7 years.

Schedule V : Laser Printers.

5(a). Laser Printers (Heavy Duty)

Parameters	Specifications		
Print Speed	45 ppm		
Resolution	1200 dpi		
Processor	460 MHz		
Memory	64 MB		
Compact Flash Slots	Two open industry-standard Compact Flash slots		
Duty Cycle	2,00,000 pages per month		
Media	Input trays	100-sheet multipurpose tray 1, 500-sheet input trays 2 and 3	
	Output trays	50-sheet rear output bin, 250-sheet top output bin	
	Sizes	Multipurpose tray	3" x 5" to 8.5" x14, letter, legal, executive, statement, envelopes
		500 sheet input trays	5.8" x 8.3" to 8.5" x 14", letter, legal, executive, statement
Types	Paper (plain, preprinted, letterhead, pre-punched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock, user-defined		

Interfaces	Hi-Speed USB 2.0, IEEE 1284 Parallel Port, Embedded 10/100 Ethernet port
Client Operating System	Linux, Unix, Windows 98, Me, NT 4.0, 2000, XP, Server 2003
Network Operating System	Red Hat Linux 6.x and later; SuSE Linux 6.x and later; Windows 98, Me, NT 4.0, 2000, XP, XP 64-Bit, Server 2003, Solaris 2.5x, 2.6, 7, 8, 9, 10, Citrix MetaFrame; Windows Terminal Services
Network Protocols	TCP/IP, IPX/SPX, FTP, Telnet, IGMP, BOOTP/DHCP, WINS, SNMP (v 1, 2, 3), HTTP
Management	Web-based management tool for remotely installing, configuring, and managing the printer using a standard Web browser. Administrators using browser should be able to configure devices, conduct remote diagnostics, download and install firmware.
Warranty	3 years comprehensive on-site warranty.

5(b). Laser Printers

Parameter	Specification
Print Technology	Laser (Black)
Print Resolution	1200 x 1200 dpi
Print Speed	20 ppm
Processor	133 Mhz or Higher
Memory	16MB expandable up to 144 MB
Interface	IEEE 1284 Parallel, "Hi-Speed" USB2.0
Compatible Operating System	Red Hat Linux, Microsoft Windows - 95, 98, NT, Me, 2000, XP, SUSE, SOLARIS
Network Ready	Yes
Warranty	Three Years Comprehensive on-site warranty.

Schedule VI : Line Matrix Printers

Parameter	Specification														
Print Method	Impact Line Matrix														
Print Speed	Print Speed (LPM, upper case characters, lower case characters) :- High Speed – 1200/1028 Graphics Speed :- 60 x 72 dpi – 100 inches per minute														
Typefaces	High Speed, Data Processing, Near Letter Quality														
Character Pitch	10,12,13.3,15,17.1,20														
Line Spacing	6,8,10.3,n/72,n/216														
Minimum Resolution	180 dpi(H) x 144 dpi(V)														
Printable Width	2.5" to 18.9"														
Emulations	Serial matrix printer, Epson FX 1800, IBM ProPrinter III XL, Printronix P Series, Printronix P Series XQ, DEC LG, ANSI 3.64														
Resident Character Sets	Unicode UTF-8, IBM World Trade, ECMA Latin-1, DEC Multinational, IBM Code Page 437 and 850, OCR A, OCR B														
Fonts	High Speed, Data Processing, Serif, Sans Serif, OCR-A, OCR-B														
Character Styles	Bold, italic, superscript, subscript, underline, overstrike, strike through														
Bar Codes	Code 39, Code 128, interleaved 2/5, UPC-A,UPC-E, EAN 8, EAN 13, EAN 128, Codabar, Identicon 2 to 5, MSI, POSTNET, Royal Mail, PDF 417														
Paper Handling	<table border="1"> <tr> <td>Type</td> <td>Fan folded, Continuous, Edge-perforation</td> </tr> <tr> <td>Width</td> <td>3" to 17"</td> </tr> <tr> <td>Copies</td> <td>Upto 6 parts</td> </tr> <tr> <td>Thickness</td> <td>0.025"</td> </tr> <tr> <td>Paper Path</td> <td>Straight through paper path with easy-load dual adjustable tractors</td> </tr> <tr> <td>Feed</td> <td>Bottom feed</td> </tr> <tr> <td>Forms Control</td> <td>14 and 12 channel electronic vertical format unit, paper-out detector and alarm, paper motion detector and alarm.</td> </tr> </table>	Type	Fan folded, Continuous, Edge-perforation	Width	3" to 17"	Copies	Upto 6 parts	Thickness	0.025"	Paper Path	Straight through paper path with easy-load dual adjustable tractors	Feed	Bottom feed	Forms Control	14 and 12 channel electronic vertical format unit, paper-out detector and alarm, paper motion detector and alarm.
Type	Fan folded, Continuous, Edge-perforation														
Width	3" to 17"														
Copies	Upto 6 parts														
Thickness	0.025"														
Paper Path	Straight through paper path with easy-load dual adjustable tractors														
Feed	Bottom feed														
Forms Control	14 and 12 channel electronic vertical format unit, paper-out detector and alarm, paper motion detector and alarm.														
Interface	IEEE-1284 Parallel Port, RS-232, Ethernet 10/100 and Wireless 802.11b/g.														
Ribbon	With text application, bar code and OCR – 90 million characters capacity.														
Acoustic Noise	55dB														
Driver Availability	Linux, Windows 95/98/NT/2000/ME/XP														
Electrical Specification	<table border="1"> <tr> <td>Input Voltage</td> <td>150-270VAC</td> </tr> </table>	Input Voltage	150-270VAC												
Input Voltage	150-270VAC														

	Frequency	47 Hz – 60 Hz
Enclosure	Enclosed Cabinet with aesthetically pleasing colour and texture. The enclosure must have slide out paper trays.	
Warranty	3 years comprehensive on-site warranty.	

Schedule VII : Dot Matrix Printers

7(a) Dot Matrix Printers – 136 columns

Parameter	Specification			
Printer Type	136 column Dot Matrix			
Number of Pins	24 pins			
Printing Direction	Bi-directional with logic seeking			
Print Speed		10 cpi	12 cpi	15 cpi
	High Speed Draft	400	450	-
	Draft	300	360	450
	LQ	100	120	150
Fonts & Scripts	Draft, Roman, Sans Serif, Courier, Prestige, Script, HSD, OCR-A, OCR-B, Orator, Orator-S, Hindi Script			
Printable Columns	Pitch (CPI)	Characters Per Line		
	10	136		
	12	163		
	15	204		
	17	233		
	20	272		
Paper Handling	Paper Size	Cut Sheet	Width	3.9" – 16.5"
			Length	3.9" – 16.5"
	Continuous	Width	4" – 16"	
		Length	4" – 22"	
	Copies	Original + 5		
Input Data Buffer	64 KB			
Interface	IEEE-1284 Bi-directional parallel interface and RS-232 Serial Interface			
Ribbon Cartridge	Colour	Black		
	Life	3 million characters in draft mode		
Acoustic Noise	62dB			
	MTBF	10,000hrs @ 25% duty cycle		
	Print Head Life	300 million dots/pin		
Electrical Specification	Input Voltage	150-270VAC		
Driver Availability	Linux, Windows 9X,NT, 2000,ME, XP, MS-DOS			
Warranty	3 years comprehensive on-site warranty.			

7(b) Dot Matrix Printers – 80 column

Parameter	Specification			
Printer Type	80 column Dot Matrix			
Number of Pins	24 pins			
Printing Direction	Bi-directional with logic seeking			
Print Speed		10 cpi	12 cpi	15 cpi
	High Speed Draft	300	-	-
	Draft	200	240	300
	LQ	66	80	100
Fonts & Scripts	Draft, Roman, Sans Serif, Courier, Prestige, Script, Hindi Scripts			
Printable Columns	Pitch (CPI)	Characters Per Line		
	10	80		
	12	96		
	15	120		
	17 condensed	137		
	20 condensed	160		
Paper Handling	Paper Size	Cut Sheet Width	3.9 ~ 10.0"	
		Continuous Width	4.0 ~ 10.0"	
	Copies	Original + 2		
Input Data Buffer	64 KB			
Interface	IEEE-1284 Bi-directional parallel interface			
Ribbon Cartridge	Colour	Black		
	Life	3 million characters in draft mode		
Acoustic Noise	62dB			
	MTBF	6000hrs @ 25% duty cycle		
	Print Head Life	150 million dots/pin		

Electrical Specification	Input Voltage	150-270VAC
Driver Availability	Linux, Windows 9X,NT, 2000,ME, XP, MS-DOS	
Warranty	3 years comprehensive on-site warranty.	

Schedule VIII : Managed Switches (All the options have to be quoted).

8(a) Cisco Catalyst 2960-24TC Switch (Option – 1)

24 Ethernet 10/100 ports with (unpopulated) option for adding 2 Nos. fibre based Small Form-Factor Pluggable (SFP) based dual-purpose uplink ports in future. Warranty - 3 years comprehensive on-site warranty.

8(b) Cisco Catalyst Express 500-24PC Switch (Option – 2)

24 Ethernet 10/100 ports with (unpopulated) option for adding 2 Nos. fibre based Small Form-Factor Pluggable (SFP) based dual-purpose uplink ports in future. Warranty - 3 years comprehensive on-site warranty.

8(c) Managed Switch of make and models other than 8(a) and 8(b) and with the following specification. (Option – 3)

Parameter	Specification
Type	Layer 2
Backplane	Switching Fabric/Backplane: 8.8 Gbps
Forwarding Bandwidth	8.8 Gbps
Forwarding Rate	6.5 Mpps
MAC Address Support	8000
Memory	<ul style="list-style-type: none"> 64MB DRAM 32 MB flash memory
Network Timing Protocol (NTP)	NTP should be supported and available.
Virtual Stack	Support for 16 geographically distributed switches to be connected into a single virtual stack and managed entity.
DHCP Snooping	DHCP Snooping with DHCP Interface Tracker (Option 82) feature.
TFTP	TFTP support for downloading and uploading the software for administering software upgrades.
Storm Control	Should have per-port broadcast, multicast, and unicast storm control.
VLAN	<ul style="list-style-type: none"> Minimum 32 VLANs per switch should be supported VLAN trunking based on 802.1q standards
Bandwidth Aggregation	Bandwidth aggregation up to 8 Gbps through Gigabit EtherChannel technology and up to 800 Mbps through Fast EtherChannel technology enhancing fault tolerance and offering higher-speed aggregated bandwidth between switches and to routers and individual servers.
Management	<ul style="list-style-type: none"> Should have embedded support for web based management using a standard web browser. Command Line Interface for management.
RMON	The switch should have an embedded Remote Monitoring (RMON) for enhanced traffic management, monitoring, and analysis. The software agent should support four RMON groups i.e. history, statistics, alarms, and events.
Spanning Tree Protocol	STP enhancements for faster uplink failover recovery using the following: <ul style="list-style-type: none"> Uplinkfast Backbonefast IEEE 802.1w (Rapid Spanning Tree protocol) Per VLAN spanning tree (PVST) to utilize all the uplinks instead of a single uplink.
SNMP	Should have built-in support for SNMP version 1, SNMP version 2 and SNMP version 3.
Port Monitoring and Security	<ul style="list-style-type: none"> 802.1x port based authentication for preventing unauthorized access. TACAS+ and RADIUS authentication for centralized control. Multilevel security on console access prevents unauthorized users from altering the switch configuration. Port Mirroring and Monitoring such as SPAN and RSPAN for local and remote port monitoring. Port security feature to restrict input to a network interface by limiting and identifying MAC addresses of the stations

	<p>allowed to access the port.</p> <ul style="list-style-type: none"> • Rate limiting to police traffic on egress including MAC source and destination address. • IGMP filtering. • Dynamic VLAN assignment. • Spanning-Tree Root Guard (STRG).
IGMP	<ul style="list-style-type: none"> • Support for IGMP snooping. • Support for IGMP version 1 and version 2. • Support for fast/immediate join and leave option.
Indicators	<ul style="list-style-type: none"> • Per-port status :- Link integrity, disabled, activity, speed, full-duplex • System Status :- System, link status, link duplex, link speed.
Power Supply	The system should have an internal power supply and should be adaptable to Indian conditions.
Warranty	3 years comprehensive on-site warranty.

Schedule IX : 500VA Offline UPS

Parameter		Specification
Capacity		500VA
Mains Mode	Technology	MOSFET/IGBT
	Load Power Factor	0.6 or higher
	Load Capacity	300 Watts or higher
Battery		Internal and Sealed Maintenance Free
Back-up		Back-up time of 30 minutes on full resistive load of 300 watts
Battery Make		Panasonic / Exide / CSB / Yuasa / Orchid
Cold Start		Yes
Generator Compatibility		Yes
Protections		<ul style="list-style-type: none"> • Short Circuit • Surge/Spikes • DC under voltage • Discharge Protection • Overload Protection
Display		<ul style="list-style-type: none"> • UPS Status • Battery Status
Alarms		<ul style="list-style-type: none"> • Main Failure • Low Battery
AC Output Sockets		<ul style="list-style-type: none"> • Minimum 3 Nos. (230V/5A) for backup. • Atleast 1 No. with only surge protection.
Phoneline/Modem Protection		Phone-line/Modem protection surge protection (RJ-11 jacks).
Interface		RS-232 / USB Interface. UPS monitoring software for Red Hat Enterprise Linux 4, Windows XP/2000/ME/98 with auto shutdown feature.
Warranty		3 years comprehensive on-site warranty be quoted inclusive of battery. The bidder should have service centre both at Allahabad and Lucknow with atleast 2 engineers posted at each location.

Section – IV : General Information

1.	Name of the Company	
2.	<p>Full address of company alongwith</p> <p>Contact Person</p> <p>Telephone no.</p> <p>Fax no.</p> <p>E-mail address:</p>	
3.	Local address of company for communication, if any	
4(a).	Are you a manufacturer or dealer (Manufacturer or Dealer)	
4(b).	If listed with MAIT/NASCOMM (copies of certificate be attached)	
4(c).	If Company/Product/Services is ISO certified (copies of certificates be attached)	
5(a).	<p>Annual turn over in last 3 financial years in Rs. Crores.</p> <p>(i) Year 2003-2004</p> <p>(ii) Year 2004-2005</p> <p>(iii) Year 2005-2006</p>	
5(b)	<p>Supply of Servers in last 3 financial years in U.P. Government or Govt. of India Department(s) / Organization(s) (in Nos.)</p> <p>(i) Year 2003-2004</p> <p>(ii) Year 2004-2005</p> <p>(iii) Year 2005-2006</p>	
5(c).	<p>Supply of Desktop PC computers in last 3 financial years in U.P. Government or Govt. of India Department(s) / Organization(s) (in Nos.)</p> <p>(iv) Year 2003-2004</p> <p>(v) Year 2004-2005</p> <p>(vi) Year 2005-2006</p>	
5(d).	Trade Tax / Sales Tax Registration no. with place	

5(e).	Income Tax Registration no. with place	
6(a).	Strength of local office at Allahabad (i) No. of Marketing Personnel (ii) No. of Technical Personnel (Qualification be also mentioned) (iii) No. of Supporting Staff	
6(b).	Strength of local office at Lucknow (in case of Desktop PC support) (i) No. of Marketing Personnel (ii) No. of Technical Personnel (Qualification be also mentioned) (iii) No. of Supporting Staff	
7(a).	No. of Service Centres in Uttar Pradesh	
7(b).	Location of service centers(*) and location wise No. of Service Engineers posted in U.P. <i>*For more service centers, enclose this information separately with Technical Bid.</i>	
7 (c).	Company's norm for posting one service engineer: (i) On the basis of no. of Servers (ii) On the basis of no. of P.C.s (iii) On the basis of AMC Revenue (in lakh Rs.)	
8.	Environmental conditions requirement: (i) Temperature (in Deg.C) (ii) Relative Humidity (%)	Min. Max.
9.	Is air conditioning must for installing your machines (Yes or No)	
10(a).	Installation base of Servers in and around Allahabad/Lucknow. (Please enclose the list of Purchase Orders)	
10(b).	Installation base of Servers in Uttar Pradesh (in no.) (Please enclose the list of Purchase Orders)	
10(c).	Installation base of Desktop PCs in and around Allahabad/Lucknow.	

	(Please enclose the list of Purchase Orders)			
10(d).	Installation base of Desktop PCs in Uttar Pradesh (in no.) (Please enclose the list of Purchase Orders)			
11.	Kindly enclose at least three after sales service Support certificates from your customers where you have supplied and installed PC computers to evaluate your service support performance. Total no. of service support certificates enclosed.			
12.	Any other information you feel necessary (Separate sheets may be used if required)			
13.	Schedules bided for	Schedules	Please tick the box corresponding to the schedule bided for	EMD Submitted (in Rs.)
		I. Servers		
		II. Desktop Computers		
		III. Laptops		
		IV. Thin Clients		
		V. Laser Printers		
		VI. Line Matrix Printers		
		VII. Dot Matrix Printers		
		VIII. Managed Switches		
		IX. 500VA Offline UPS		
		Total of EMD for bided Schedules :-		
14.	Details of earnest money attached. (i) Amount Rs. (ii) Bank Draft No. (iii) Bank Draft issuing date (iv) Drawn on (Bank)			

Section – V: Technical Bid

Schedule – I: Servers

1(a) Server - Dual Processor based (Enclose product data sheet in support).

(i) AMD Based (Option – 1)

Parameters	Specifications	
Product Manufacturer's Name		
Model Name and No.		
Processor	Processor Model No.	
	Type	
	Speed	
	FSB	
	L1 cache	
	L2 cache	
	L3 cache	
Chipset	Model No.	
	FSB	
System Board	Manufacturer	
	Model No.	
Memory	Manufacturer	
	Type	
	Total Size	
	Speed	
	No. of Memory Modules given	
	Size of each memory module	
	No. of DIMMs on System Board	
	Maximum Memory Supported	
System Fans (No. and its specification) (Mention whether Hot Plug).		
Disk	Manufacturer	
	Model No.	
	Capacity	
	RPM	
Storage Controller (Model and specification)	Manufacturer	
	Model No.	
	Specification	

Disk Bays		
RAID Controller model and specification	Manufacturer	
	Model No.	
	RAID support	
	Other Specification	
Power Supply (Specification, Feature and Redundancy offered)		
Graphics Card (Specification stating the amount of Video RAM in the card)		
Network Interfaces (Specification)		
PCI expansion slots (Nos. and specification)(Also mention whether hot-plug, bus speed and industry standard compliance)		
I/O Ports (mention all the ports available with the nos. and their specifications for e.g. USB, Parallel, Serial, etc.)		
Floppy Drive		
Combo Drive (Specification)		
Backup Device (Specification)		
Monitor (Specification)		
Keyboard		
Mouse		
Industry Standard Compliances (ACPI, APM, etc.) if any.		
Server Management software specifications		
Certifications, if any (attach copies of relevant certificates in support)		
Warranty (Please mention the no. of years of warranty provided (min. 3 years) giving details how the bidder intends to provide service in the event of hardware or software failures during warranty period)		
Others features, if any		

(ii) Intel Based (Option – 2)

Parameters	Specifications	
Product Manufacturer's Name		
Model Name and No.		
Processor	Processor Model No.	
	Type	
	Speed	
	FSB	
	L1 cache	
	L2 cache	
	L3 cache	
Chipset	Model No.	
	FSB	
System Board	Manufacturer	
	Model No.	
Memory	Manufacturer	
	Type	
	Total Size	
	Speed	
	No. of Memory Modules given	
	Size of each memory module	
	No. of DIMMs on System Board	
	Maximum Memory Supported	
System Fans (No. and its specification) (Mention whether Hot Plug).		
Disk	Manufacturer	
	Model No.	
	Capacity	
	RPM	
Storage Controller (Model and specification)	Manufacturer	
	Model No.	
	Specification	
Disk Bays		
RAID Controller model and specification	Manufacturer	
	Model No.	

	RAID support	
	Other Specification	
Power Supply (Specification, Feature and Redundancy offered)		
Graphics Card (Specification stating the amount of Video RAM in the card)		
Network Interfaces (Specification)		
PCI expansion slots (Nos. and specification)(Also mention whether hot-plug, bus speed and industry standard compliance)		
I/O Ports (mention all the ports available with the nos. and their specifications for e.g. USB, Parallel, Serial, etc.)		
Floppy Drive		
Combo Drive (Specification)		
Backup Device (Specification)		
Monitor (Specification)		
Keyboard		
Mouse		
Industry Standard Compliances (ACPI, APM, etc.) if any.		
Server Management software specifications		
Certifications, if any (attach copies of relevant certificates in support)		
Warranty (Please mention the no. of years of warranty provided (min. 3 years) giving details how the bidder intends to provide service in the event of hardware or software failures during warranty period)		
Others features, if any		

1(b). Operating System for Servers (1(a)).

Parameters	Specifications
OS Name and Version	
No. of user licenses with OS	
Type of extra user Licenses being offered	
Maximum Memory supported	
Annual Technical Support, if provided for any patches and upgradation of the product.	
Others, if any	

1(c). Server - Single Processor based.

(i) AMD Based (Option – 1)

Parameters	Specifications	
Product Manufacturer's Name		
Model Name and No.		
Processor	Processor Model No.	
	Type	
	Speed	
	FSB	
	L1 cache	
	L2 cache	
	L3 cache	
Chipset	Model No.	
	FSB	
System Board	Manufacturer	
	Model No.	
Memory	Manufacturer	
	Type	
	Total Size	
	Speed	
	No. of Memory Modules given	
	Size of each memory module	
	No. of DIMMs on System Board	
	Maximum Memory Supported	
System Fans (No. and its specification) (Mention whether Hot Plug).		
Disk	Manufacturer	
	Model No.	
	Capacity	
	RPM	
Storage Controller (Model and specification)	Manufacturer	
	Model No.	
	Specification	
Disk Bays		
RAID Controller model and specification	Manufacturer	

	Model No.	
	RAID support	
	Other Specification	
Power Supply (Specification, Feature and Redundancy offered)		
Graphics Card (Specification stating the amount of Video RAM in the card)		
Network Interfaces (Specification)		
PCI expansion slots (Nos. and specification)(Also mention whether hot-plug, bus speed and industry standard compliance)		
I/O Ports (mention all the ports available with the nos. and their specifications for e.g. USB, Parallel, Serial, etc.)		
Floppy Drive		
Combo Drive (Specification)		
Backup Device (Specification)		
Monitor (Specification)		
Keyboard		
Mouse		
Industry Standard Compliances (ACPI, APM, etc.) if any.		
Server Management software specifications		
Certifications, if any (attach copies of relevant certificates in support)		
Warranty (Please mention the no. of years of warranty provided (min. 3 years) giving details how the bidder intends to provide service in the event of hardware or software failures during warranty period)		
Others features, if any		

(ii) Intel Based (Option – 2)

Parameters	Specifications	
Product Manufacturer's Name		
Model Name and No.		
Processor	Processor Model No.	
	Type	
	Speed	
	FSB	
	L1 cache	
	L2 cache	
	L3 cache	
Chipset	Model No.	
	FSB	
System Board	Manufacturer	
	Model No.	
Memory	Manufacturer	
	Type	
	Total Size	
	Speed	
	No. of Memory Modules given	
	Size of each memory module	
	No. of DIMMs on System Board	
	Maximum Memory Supported	
System Fans (No. and its specification) (Mention whether Hot Plug).		
Disk	Manufacturer	
	Model No.	
	Capacity	
	RPM	
Storage Controller (Model and specification)	Manufacturer	
	Model No.	
	Specification	
Disk Bays		
RAID Controller model and specification	Manufacturer	
	Model No.	

	RAID support	
	Other Specification	
Power Supply (Specification, Feature and Redundancy offered)		
Graphics Card (Specification stating the amount of Video RAM in the card)		
Network Interfaces (Specification)		
PCI expansion slots (Nos. and specification)(Also mention whether hot-plug, bus speed and industry standard compliance)		
I/O Ports (mention all the ports available with the nos. and their specifications for e.g. USB, Parallel, Serial, etc.)		
Floppy Drive		
Combo Drive (Specification)		
Backup Device (Specification)		
Monitor (Specification)		
Keyboard		
Mouse		
Industry Standard Compliances (ACPI, APM, etc.) if any.		
Server Management software specifications		
Certifications, if any (attach copies of relevant certificates in support)		
Warranty (Please mention the no. of years of warranty provided (min. 3 years) giving details how the bidder intends to provide service in the event of hardware or software failures during warranty period)		
Others features, if any		

1(d). Operating System for Servers (1(c))

Parameters	Specifications
OS Name and Version	
No. of user licenses with OS	
Type of extra user Licenses being offered	
Maximum Memory supported	
Annual Technical Support, if provided for any patches and upgradation of the product.	
Others, if any	

Schedule – II: Desktop Computers.

Parameters	Specification
Product Name	
Product Manufacturer's Name	
Processor	
Cache	
Chipset	
No. of RAM slots available in the motherboard	
RAM Specification including detail of module combination given	
Hard Disk Specification	
Graphics specification	
Audio card specification	
Monitor Specification	
Floppy Drive Specification	
CD-ROM Specification	
Ethernet Card Specification	
Keyboard Specification	
Mouse Specification	
I/O ports number and their specification	
Mention whether Headphones, microphone and external speakers jack available	
Whether Latest Open Office suite preloaded	
Certifications, if any	
Industry Standard Compliances (for e.g. ACPI, APM, etc), if any	
Others, if any	
Warranty	

Schedule III - Laptops.

Parameters	Specification	
Core Technology		
Processor	Intel Processor Model No.	
	Type	
	Speed	
	FSB	
	L1 cache	
	L2 cache	
Chipset	Chipset Model No.	
	FSB	
System Board	Manufacturer	
	Model No.	
Memory	Manufacturer	
	Type	
	Size	
	Speed	
	No. of Memory Modules given	
	No. of DIMMS	
	Channels supported	
	Maximum Size	
Hard Drive	Manufacturer	
	Model No.	
	Capacity	
	RPM	
	Whether Shock Proof	
Display	Technology	
	Size	
	Resolution	
	No. of Colours	
Graphics	Manufacturer	
	Model No.	
	Video RAM	
	No. of Colours	
	Resolution Supported	
	AIGLX Support	
Audio	Manufacturer	
	Model No.	
	No. of Bits	
	Microphone	
Optical Storage	Manufacturer	
	Model No.	
	Modes Supported	
	DVD Writing Speed	
	DVD Reading Speed	
	CD Writing Speed	
	CD Reading Speed	
Wi-fi	Manufacturer	
	Model No.	
	IEEE Standard	
	Speed	
Bluetooth	Manufacturer	
	Model No.	
	Bluetooth Standard	
	Range	
Ethernet Adapter	Manufacturer	
	Model No.	
	Speed	
Modem	Manufacturer	
	Model No.	
	Type of Modem	
	ITU-T Standard and other standards	
Infrared	Manufacturer	
	Model No.	
	Standards Supportted	
PCMCIA	Manufacturer	

	Model No.	
	No. of Slots	
	Type of Slots	
	Cardbus	
Card Reader	Manufacturer	
	Model No.	
	No. of Card Family Supported	
	Card Family Supported	
IEEE 1394 Firewire	Manufacturer	
	Model No.	
Ports and Connectors Available	Name of port	No.
Keyboard	No. of Keys	
	Features	
Touch Pad	Manufacturer	
	Model No.	
	Features	
Security		
Power	Manufacturer	
	Model No.	
	Technology	
	No. of Cells	
	Backup Time	
	Charging Time	
	AC Input Range	
	Travel Battery Specification	
Others, if any		
Red Hat Linux Operating System	Version No. Offered	
	Update No.	
	Type of Support pack offered	
	Subscription (in years)	
Norton Antivirus	Version No.	
	Subscription (in years)	
Devanagari Script in Unicode	Software Name and Version No.	
	Software Manufacturer	
	Keyboard Layouts offered	
Certifications		
Warranty		

Schedule – IV: Thin Clients

Parameter	Specification	
Processor	Manufacturer	
	Model No.	
	Processor Speed	
	L1 Cache	
	L2 Cache	
	FSB	
System Board	Manufacturer	
	Model No.	
	Features	
Operating System	OS Name and Version	
	Network Filesystem Support	
	Type of Printing Supported	
	Windows Manager	
	Other Features, if any	
Local Applications		
Memory	Manufacturer	
	Type	
	Size	
	Speed	
	No. of Memory Modules given	
	No. of DIMMS	
	Channels supported	
	Maximum Size	
Flash ROM	Manufacturer	
	Type	
	Size	
	Speed	
Audio	Manufacturer	
	Model No.	
	No. of Bits	
I/O	Serial	
	Parallel	
	USB	
	VGA	
	PS2	
	Audio	
	Others, if any	
Ethernet Adapter	Manufacturer	
	Model No.	
	Speed	
Network Protocols Supported		
Display Adapter	Manufacturer	
	Model No.	
	Video RAM	
	No. of Colours	
	Resolution Supported	
Security	Setup	
	Lock	
USB Storage supported in RDP, ICA and XDMCP sessions.		

Session Protocols Supported		
User Interface	Modes	
	Switching Trigger	
Monitor	Manufacturer	
	Model No.	
	Size	
	Features	
Mouse	Manufacturer	
	Model No.	
	Features	
Keyboard	Manufacturer	
	Model No.	
	Features	
Server Operating Systems Supported		
Emulations Supported		
Smart Card Reader	Manufacturer	
	Model No.	
	Features	
	Internal/External	
Additional Features, if any		
Power Supply	Wattage	
	AC Voltage Range	
	AC Frequency Range	
Mounting of Thin Clients		
Regulatory Standards		
Point by point details of Management Software (to be supplied as part of Thin Client Management Software)		
Warranty		

Schedule – V: Laser Printers

5(a). Laser Printers (Heavy Duty)

Parameter	Specification	
Manufacturer		
Model No.		
Speed		
Resolution		
Processor Specification		
Memory	Memory Provided	
	Max. Memory Supported	
Compact Flash Slot Specification		
Duty Cycle(in months)		
Language and fonts supported		
Media	Input media trays specification	
	Output media tray specification	
	Paper Size Supported	
	Type of Paper Supported	
Interfaces	USB	
	Parallel Port	
	Ethernet Port	
Network Protocols Supported		
Client Operating System Supported		
Network Operating System (OS supported for network printing)		
Power Consumption	Printing	
	Power Save Mode	
	Standby	
Warranty		

5(b) Laser Printers.

Parameters	Specification
Manufacturer	
Model No.	
Print Technology	
Print Speed (Specify ppm with paper size variants)	
Paper Handling (trays & no. of paper sheets per tray)	
Paper Sizes Supported	

Compatible Operating Systems	
External I/O Ports	
Printer Memory	
Network Ready	
Other Technical Specifications	
Certification (attach copies of relevant certificates in support)	
Warranty	

Schedule – VI: Line Matrix Printers

Parameters	Specification	
Manufacturer		
Model No.		
Print Method		
Print Speed	Print Speed (For characters) (in lines per minute)	
	High Speed	
	Data Processing	
	Near Letter Quality	
	Graphics Speed (inches per minute)	
	60 x 48 dpi	
	60 x 72 dpi	
	90 x 96 dpi	
	Paper Feed Speed (inches per second)	
Typefaces		
Character Pitch (in character per inch)		
Line Spacing (lines per inch)		
Maximum Resolution (Horizontal x Vertical) in dpi		
Printable Width (in inches)		
Emulations		
Resident Character Sets		
Character Styles		
Fonts		
Resident Bar Codes		
Paper Handling	Paper Types Supported	
	Width	
	Copies	
	Thickness	
	Paper Path	
	Feed	
	Forms Controls	
Interfaces	Serial	
	Parallel	
	Ethernet	
	Wireless	
Acoustic Noise		
Driver Availability and Utilites	Driver for the Operating Systems	

	Features of utilities for management, if any	
Enclosure Specification		
Electrical Specification	Input Voltage	
	Frequency	
Other features, if any		
Warranty		

Schedule – VII: Dot Matrix Printers

7(a) Dot Matrix Printers - 136 Columns

Parameter		Specification					
Manufacturer							
Model No.							
Printer Type							
Number of Columns							
Number of Pins							
Printing Direction							
Print Speed			10 cpi	12 cpi	15 cpi	17 cpi	20 cpi
		High Speed Draft					
		High Speed Draft Condensed					
		Draft					
		Draft Condensed					
Print Characteristics		Character Sets					
		Bitmap Fonts					
		Bar Code Fonts					
Printable Columns		Pitch (CPI)	Characters Per Line				
		10					
		12					
		15					
		17 condensed 20 condensed					
Line Spacing	Paper Size	Paper Size	Width	Length	Thickness		
		Cut-Sheet Manual Insertion					
		Cut-Sheet Multipart					
		Continuous					
		Envelop No. 6					
		Envelop No. 10					
		Label					
		Roll Paper					
	Paper Path	Cut-sheet					
		Continuous					
Paper Feeding	Friction						
	Push Tractor						
	Pull Tractor						
Copies							
Line Spacing							
Input Data Buffer							
Interface							
Ribbon Cartridge		Type					
		Life					
Acoustic Noise (in decibel)							

Reliability	MVBF (Mean Print Volume Between Failure)	
	MTBF (Mean Time Between Failure)	
	PRINT HEAD LIFE	
Control Panel	Switches	
	LEDs	
Electrical Specification	Rated Voltage	
	Rated Frequency	
	Power Consumption	
Printer Driver Availability and utilities	Driver availability for the Operating Systems	
	Software Utilities for monitoring	
Warranty		

7(b) Dot Matrix Printers – 80 Columns

Parameter		Specification				
Manufacturer						
Model No.						
Printer Type						
Number of Columns						
Number of Pins						
Printing Direction						
Print Speed		10 cpi	12 cpi	15 cpi	17 cpi	20 cpi
	High Speed Draft					
	High Speed Condensed Draft					
	Draft					
	Draft Condensed					
	LQ					
Print Characteristics	Character Sets					
	Bitmap Fonts					
	Bar Code Fonts					
Printable Columns	Pitch (CPI)	Characters Per Line				
	10					
	12					
	15					
	17 condensed					
	20 condensed					
Line Spacing	Paper Size	Width	Length	Thickness		
	Cut-Sheet Manual Insertion					
	Cut-Sheet Multipart					
	Continuous					

		Envelop No. 6			
		Envelop No. 10			
		Label			
		Roll Paper			
	Paper Path	Cut-sheet			
		Continuous			
	Paper Feeding	Friction			
		Push Tractor			
		Pull Tractor			
		Copies			
	Line Spacing				
Input Data Buffer					
Interface					
Ribbon Cartridge	Type				
	Life				
Acoustic Noise (in decibel)					
Reliability	MVBF (Mean Print Volume Between Failure)				
	MTBF (Mean Time Between Failure)				
	PRINT HEAD LIFE				
Control Panel	Switches				
	LEDs				
Electrical Specification	Rated Voltage				
	Rated Frequency				
	Power Consumption				
Printer Driver Availability and utilities	Driver availability for the Operating Systems				
	Software Utilities for monitoring				
Warranty					

Schedule – VIII: Switches

8(a) Cisco Catalyst 2960-24TC (Attach Product Data Sheet)

Parameters	Specifications
Model Name	
No. of ports with speed	
Specification	
Warranty offered	

8(b) Cisco Catalyst Express 500 – 24PC (Attach Product Data Sheet)

Parameters	Specifications
Model Name	
No. of ports with speed	
Specification	
Warranty offered	

8(c) Managed Switch of models other than 8(a) and 8(b).

Parameter	Specification
Manufacturer	
Model No.	
Type	
Backplane Speed	
Forwarding Bandwidth	
Forwarding Rate	
MAC Address Support	
Processor Specification	
Memory	RAM size
	Flash Memory Size
Network Timing Protocol (NTP) Support	
Size of Virtual Stack and its features	
DHCP Snooping Support	

TFTP Support	
Storm Control	
No. of VLANs Supported	
Bandwidth Aggregation	
Switch Management and Remote Monitoring	
Spanning Tree Protocol Support and features	
SNMP Support	
Port Monitoring and Security	
IGMP Support	
Other protocols supported	
Other Features	
Indicators	
Power Supply Specification	
Warranty	

Schedule – IX: 500VA Offline UPS

Parameters	Specification
Product Name	
Model No.	
Product Manufacturer's Name	
Capacity (min. 700VA)	
Back-up Time	
Technology Used	
AC Input Voltage	
AC Input Frequency	
AC Output Voltage	
AC Output Frequency	
Load Power Factor	
Load Capacity	
Whether Cold Start supported	
Whether Generator Compatible	
Whether no load shutdown feature supported (automatic)	
No. of Batteries	
Battery Manufacturer	
Battery Model No.	
Battery Specification	
Protections Offered	
Display Details	
Alarms	
AC Output Sockets	
Software, if any provided, mention Specifications and features (Also mention the Operating System in which the software works).	
Other features and specifications, if any	
Industry Standards Compliance, if any	
Certifications, if any	
Warranty Offered (Min. 3 years including that of the batteries)	

Section – VI: Financial Bid

General Information

1.	Name of Company	
2.	Full Address of company alongwith Telephone No.: Fax. No.: E-mail Address:	
3.	Excise duty included in the quoted price	___ . ___ % of basic price
4.	Any other charges included in the quoted price (i) Trade tax/Sales Tax (ii) Any other Levies	___ . ___ % of (basic price + excise duty) ___ . ___ %
5.	Discount if any	___ . ___ %
6.	AMC Charges (Should not be more than 6% of the Hardware value)	___ . ___ %