

BID NO: 2006(N)/ DSE/ ICT Project Phase-III(A)

Department of School Education (DSE)
Punjab

Request for Proposal (RFP)

for

Selection of Turnkey Hardware and Service Provider (THSP)

For supply, installation and maintenance of I.T. Infrastructure (Hardware, Networking, Uninterrupted Power Supply and System Software etc.) for phase III of ICT Education project in 2085 Government Schools in rural and urban areas across the State of Punjab on a Lease, Maintain and Transfer (LMT) model

Under the Project

Information and Communication Technology (ICT) Education in Schools

Date of Issue of Bid Documents:	27 th October, 2006 (Friday) Onwards
Date of Pre-Bid Conference:	10 th November, 2006 (Friday) at 3:00 PM
Last Date of Issue of Bid:	27 th November, 2006 (Monday) upto 12:00 Noon
Last Date for submission of Bid	27 th November, 2006 (Monday) upto 2:00 PM
Date of opening of Pre-Qualification Bid:	27 th November, 2006 (Monday) at 2:30 PM

Government of Punjab
Department of School Education
SCO 104-106, Sector 34 A, Chandigarh

Ph. No. 0172-2623006, 0172-2620106, 0172-2623207, Fax 0172-2624687

Bid No. : **2006(N)/ DSE/ ICT Project Phase-III(A)**

Serial No. of Document : _____

Issued to : _____

Against request No. : _____

Dated : _____

And payment of cost of bid document for Rs. 15,000/- (Rupees Fifteen Thousand Only) to be paid in demand draft (DD) only.

Name of the bank and Address: _____

Demand Draft No. and date: _____

Bid document issued on : _____

Authorized Signatory

BID SUMMARY

Bid No.	EMD (Rs.) in shape of bank Demand Draft	Bid Document Cost (Rs.) Non-refundable	Last Date & Time	
			Bid Submission	Bid Opening
2006(N)/ DSE/ ICT Project Phase-III(A)	Rs. 50,00,000/- (Rs. Fifty lacs) in two parts. Out of which 50% be taken in shape of Demand Draft and balance 50% in Bank Guarantee	Rs.15, 000/- (Rs. Fifteen thousand only)	27th November 2006 (Monday) at 2:00 P.M.	27th November 2006 (Monday) at 2:30 P.M.

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SECTION I INVITATION FOR BIDS

(1) I.T. INFRASTRUCTURE FOR PHASE III OF THE ICT PROJECT

The Government of Punjab in the Department of School Education has launched Information and Communication Technology (ICT) project for computer education in Government Schools across the State for the students of class 6th to class 12th.

- In phase I, 1306 Government schools were covered.
- In phase II, 1572 Government schools are being covered.
- The entire IT Infrastructure including Personal Computers, UPS's, printers, networking of computer lab and system & application software has been taken on five year Lease, Maintain & Transfer (LMT) basis. After five years, ownership of complete infrastructure would be transferred to the Department of School Education.

The State Government has decided to rollout the same model in remaining 2085 upper primary schools under the ICT Project immediately.

For the same, Department of School Education (DSE) intends to outsource the provision of entire IT Infrastructure for establishing computer labs in 2085 Government schools in various rural and urban locations in Punjab on five year Lease, Maintain & Transfer (LMT) basis.

- The Turnkey Hardware & Service Provider (THSP) will get his lease payments in ten equal six monthly installments by the Government for leasing and maintaining the above-mentioned IT infrastructure for ICT education in school.
- The System software products required for IT infrastructure would be separately procured by the State Government. The bidder would have to install and maintain system software products during the lease period of five years.
- Course curriculum under this project would be based on NCERT guidelines and CBSE syllabus as being followed in previous two phases.
- At the end of five years term, the entire IT Infrastructure leased would stand transferred in the name of Government of Punjab, Department of School Education.

Accordingly, sealed bids are invited from the reputed National and/ or International Companies or a legally constituted consortium of two or more such companies/ Financial Institutions for supply, installation and maintenance of IT infrastructure and Resources mentioned below in 2085 selected Government schools all over the State on Lease, Maintain & Transfer basis model (LMT) for a period of 5 years. At the end of five years, the IT Resources would stand transferred in the name of the Department of School Education.

The Turnkey Hardware & Service Provider (THSP) would be responsible for carrying out the following tasks during the lease period of five years:

1. Supply, installation, repair and maintenance, trouble-shooting of following Information Technology (IT) infrastructure of ICT project phase III as per the detailed technical specifications given in section IV (**Numbers may vary**):

Sr.	Phase III	
No.	Item Description	Quantity
a.	Server Computers	2085
b.	Desktop Computers	9819
c.	Line interactive 2 KVA UPS's with 4800 VAH battery backup (On full load) – 150 minutes batter backup	2068
d.	Line interactive 3 KVA UPS's with 7200 VAH battery backup (On full load) – 150 minutes batter backup	23
e.	4 KVA Stablizer (To be placed before 2 KVA UPS)	2068
f.	5 KVA Stablizer (To be placed before 3 KVA UPS)	23
g.	Printers	2085
h.	Local Area Network including Networking components	2085

- o Setting up Local Area Network (LAN) in every computer Laboratory in Schools
 - o Department of School Education (DSE) would provide Software products such as Windows XP Professional, Microsoft Office Professional, Encarta 2006, Visual Studio .NET Professional, Microsoft Windows 2005 Server etc. to the Turnkey Hardware and Service Provider (THSP) for installation and maintenance.
2. Installation, operation, maintenance, running and updation of System Software products
 - o Windows XP Professional – upgrade from Windows XP Home
 - o MS Office Professional
 - o Encarta Encyclopedia 2006
 - o Visual Studio .NET Professional
 - o Windows Server 2003
 - o Any other software required for the project.
 3. Keep the infrastructure including Hardware, software, networking up and running condition as per the service level agreement by providing the Post Implementation Support and Services including:
 - o Operations and Management (O & M) of all hardware and system software products
 - o Deploying support engineers to ensure the service level/ uptime agreed in the Service Level Agreement (SLA) at appropriate locations for maintenance, trouble-shooting and repair purposes.
 - o Keeping stock of required spares of hardware items at appropriate locations in the State for quick response time
 4. Provide support & services for all other components of the System (excluding nothing) like Power Systems, Printers, Networking, System Software, Software Products & Services etc as defined in bid document

Note:

- I. Ready sites in the shape of furnished lab rooms with Running Board for Computers, electrical fittings for computers, Chair & Table-chair for teacher, whiteboard, sufficient no.

of tube lights, fans in each School would be provided by the School to the Turnkey Hardware & Service Provider (THSP) for setting up the IT Infrastructure and providing the services mentioned above. No Air Conditioning (AC) would be provided. THSP would check electrical points and earthing etc. before supply of the equipment.

- II. After five years, the ownership of the complete hardware and software will be transferred to the government by the Turnkey Hardware & Service Provider (THSP) at Re. 1 or at no cost.

Bid conditions

1. Turnkey Hardware & Service Provider (THSP) can also be the consortium of two or more companies which jointly fulfill the eligibility conditions subject to the following requirements:
 - 1.1. The bid shall be signed by Lead partner and shall be legally binding on all partners;
 - 1.2. One of the partners with not less than 20% stake in the consortium shall be nominated as lead partner through a power of attorney signed by legally authorized signatories of all the partners. The partner responsible for installation and Post Implementation Support and Services shall have not less than 10% stake in the consortium;
 - 1.3. The lead partner shall submit the role, responsibilities & percentage of stake of each consortium member.
 - 1.4. The lead partner shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the consortium and the entire execution of the Contract, including payment, shall be done exclusively with the lead partner;
 - 1.5. All partners of the consortium shall be liable jointly and severally for the execution of the Contract in accordance with the Contract terms, and a statement to this effect shall be included in the power of attorney mentioned under clause 1.2 above as well as in the bid and in the Contract;
 - 1.6. The bidder or consortium of partners who are responsible for a specific component (s) of the project must meet the relevant minimum qualification criteria for that particular component individually;
 - 1.7. The composition or constitution of the consortium shall not be altered during the term of LMT contract without the prior written approval of the client.
2. Bidders are advised to study the Bid Document carefully. Submission of Bids shall be deemed to have been done after careful study and examination of the Bid Document with full understanding of its implications.
3. Sealed offers prepared in accordance with the procedures enumerated in Clause 1 of Section II should be submitted to the **Department of School Education, Punjab** not later than the date and time laid down, at the address given in the **Schedule for Invitation to Bid** under Clause 6. (Given below)
4. The Bidder must furnish Earnest Money Deposit (EMD) for Rs. 50,00,000/- (Rs. Fifty lacs) in favour of Punjab ICT Education Society (PICTES), a society under Department of School Education, Punjab, "payable at Chandigarh", in the envelope containing the Pre-

Qualification bid. Failing which the bid will be rejected. Out of which 50% shall be in the shape of Demand Draft and balance 50% in Bank Guarantee.

5. This Bid document is not transferable.
6. The tenders of only those bidders, who have purchased the documents in their names, will be considered.
7. The Department of School Education reserves the rights to reject any bid or all the bids without assigning any reasons and revising quantity, fine-tuning specifications as per requirement of Government of Punjab before opening the commercial bids.
8. The bidder will accept all conditions of the Bid Document unconditionally or depending upon the decisions of the Tender Evaluation Committee.

9. Schedule for Invitation to Bid:

- a) Name of the concern by whom the bids are called on behalf of the Government of Punjab is:

**Department of School Education,
SCO 104-106, 2nd Floor, Sector 34 A, Chandigarh**

- b) Addressee and Address at which Bids are to be submitted:

**Department of School Education,
SCO 104-106, 2nd Floor, Sector 34 A, Chandigarh**

- c) Place Time and Date of Pre-bid conference:

**Department of School Education,
SCO 104-106, 2nd Floor, Sector 34 A, Chandigarh
at 2:30 P.M. on 10th November, 2006 (Friday)**

- d) Latest time and date for submission of completed bids:

Up-to 2:00 PM on 27th November, 2006 (Monday)

- e) Place Time and Date of opening of Pre-qualification bids:

**Department of School Education,
SCO 104-106, 2nd Floor, Sector 34 A, Chandigarh
at 2:30 P.M. on 27th November, 2006 (Monday)**

- f) Technical bids of only the Pre-qualified bidders will be **opened and scrutinized at the same time (same date as 'e' above)** and if need be, on the following day(s) to be announced on the spot.

- g) Date till which the bid is valid: **120 days from last date of submission of bids.**

Note: The Client shall not be responsible for any postal delays about non-receipt/ non-delivery of the documents. All late bids/ incomplete bids would be rejected outrightly.

SECTION II INSTRUCTIONS TO BIDDERS

A. Introduction

1 Procedure for Submission of Bids

It is proposed to have a **Three-Cover System** for this bid.

- a) Pre-qualification documents (2 copies) in one cover.
- b) Technical Bid (2 copies) in one separate cover.
- c) Commercial Bid (2 copies) in another separate cover.

- 1.1 The Bidders must place their pre-qualification, technical and commercial bids in two separate envelopes, super-scribed with separate **Bid titles** as follows:

PRE QUALIFICATION BID

TECHNICAL BID

COMMERCIAL BID

- 1.2 The Bidder shall have to qualify the pre-qualification Bid.
- 1.3 **Pre-Qualification Bids** will be opened on the prescribed date and time.
- 1.4 **Technical Bids** of only those Bidders will be opened who qualify the **Pre-Qualification round** after the initial processing of pre-qualification bid on the same day or at a date and time to be notified on the same day. The technical specifications may be fine-tuned before calling for the revised Commercial bids.
- 1.5 **A minimum time of 4 days** would be allowed for the submission of the **revised Commercial Bids**, if so required, based on the fine tuned specification as in Para 1.4 or otherwise by only those Bidders who will qualify both the Pre-Qualification Bid and the Technical Bid and would be **opened immediately thereafter**.
- 1.6 Each copy of the Pre-qualification document should be covered in a separate sealed cover super-scribing the wording '**Pre-qualification document**'. Both copies should be separately marked as "**original copy**" and "**first copy**"

respectively. Thereafter, both the copies should be put in a single sealed cover super-scribing the wording “**Pre-qualification document**”.

1.7 Each copy of Technical Bid of the Bid should be covered in a separate sealed cover super-scribing the wording “**Technical Bid**”. Both copies should be separately marked as “**original copy**” and “**first copy**” **respectively.** Thereafter, both the copies should be put in a single sealed cover super-scribing the wording “**Technical Bid**”.

1.8 Please note that commercial aspects (prices, cost, charges, lease payments etc.) should not be indicated in the Pre-qualification Bid or the Technical Bid and should be quoted only in the Commercial Bid.

1.9 Each copy of Commercial Bid of the Bid should be covered in a separate sealed cover super-scribing the wording “**Commercial Bid**”. Both copies should be separately marked as “**Original copy**” and “**First copy**” **respectively.** Thereafter, both the copies should be put in a single sealed cover super-scribing the wording “**Commercial Bid**”.

Commercial Bid should only indicate prices in the prescribed format.

1.10 The cover thus prepared should also indicate clearly the name and address of the Bidder to enable the Bid to be returned unopened in case it is received “**Late**”.

1.11 The bids received late and declared late by the Bid Evaluation committee after the last date and time for receipt of bids prescribed in the bid document or otherwise shall be rejected and/or returned unopened to the Bidder.

1.12 Each copy of the bid should be a complete document with Index & page numbering and should be bound as a volume. Different copies must be bound separately.

2 **Cost of Bid document**

2.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, including cost of presentation for the purposes of clarification of the bid, if so desired by the Client and Client will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

3 The Bidder is expected to carefully examine all instructions, forms, terms and specifications in the Bid Document. Failure to furnish all information required in the Bid

Document or submission of a bid not substantially responsive to the Bid Document in every respect will be at the Bidder's risk and may result in the rejection of the bid.

4 Clarification regarding Bid Document

4.1 A prospective Bidder requiring any clarification of the Bid Document may notify the Client in writing at the Client's mailing address indicated in Clause 6 of Section I. The Client will respond in writing to any request for clarification of the Bid Document, received, not later than 7 days prior to the last date for the receipt of bids prescribed by the Client. Written copies of the Client response (including an explanation of the query but without identifying the source of Inquiry will be sent to all prospective Bidders who have received the Bid Documents.

5 Amendment of Bid Document.

5.1 At any time upto the last date for receipt of bids, the Client, may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective Bidder, modify the Bid Document by an amendment.

5.2 The amendment will be notified in writing or by telex or cable or e-mail to the prospective Bidders who have received the Bid Documents and will be binding on them.

5.3 In order to afford prospective Bidders reasonable time or otherwise for any other reason, in which to take the amendment into account in preparing their bids, the Client may, at his discretion, extend the last date for the receipt of Bids.

B. Preparation of Bids

6 Language of Bids

6.1 The Bids prepared by the Bidder and all correspondence and documents relating to the bids exchanged by the Bidder and the Client, shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

7 Documents Comprising the Bids

7.1 Conditional bids shall not be entertained.

- 7.2 The Bids prepared by the Bidders shall comprise of following components (Bid documents are to be submitted in the order of pre-qualification clauses along index page no., otherwise bid will be disqualified):

Pre-Qualifying Document shall consist of following: -

- (a) Bid Proposal sheet duly filled in, signed and complete in all respects. (Performa -I)
- (b) Qualifying data duly filled in as per relevant Performa provided in the bid proposal that the Bidder is eligible to bid and is qualified to perform the contract, if its bid is accepted (Performa -II)
- (c) The Bidder must furnish Earnest Money Deposit (EMD) for Rs. 50,00,000/- (Rs. Fifty lacs) in favour of Punjab ICT Education Society (PICTES), a society under Department of School Education, Punjab, "payable at Chandigarh", failing which the bid will be rejected. Out of which 50% shall be in the shape of Demand Draft and balance 50% in Bank Guarantee. This earnest money is to be submitted with the Pre qualification documents:
- (d) The Bidder is to submit the proof of turnover for respective items only as per under:

ITEMS	Average Turnover of the Principal hardware Company during last 3 years for respective items	Average turnover of Post Implementation Support and Service Provider in last 3 years
Servers, Desktop Computers	Rs.400 crores (Out of which, 50% of it should be atleast from Indian operations)	Rs. 40 crores
Power Supplies (UPS)	Rs. 20 crore	
Networking Components	Rs. 25 crore	

Attach audited balance sheets of reference period.

- (e) The Lead Company in the Consortium must be in existence in Indian supplies of computers & applied equipments for a period of last three years. Attach proof.
- (f) The OEM Manufacturer must have hardware manufacturing facility in India with ISO 9001: 2000 and ISO 14001 certifications.
- (g) The OEM manufacturer must have the capacity of 25,000 PCs per annum in India. Attach proof thereof.
- (h) The Bidder should attach proof of having executed at least 3 large deals of Desktop Computers to Government/ PSUs/ Corporates with each deal 500 desktop or more of same technology from Indian Market only. In UPS category, the Bidder/ manufacturer must have executed projects worth Rs. 50 lacs, at least one project in Government/ PSU sector.

- (i) The Bidder/ one of the partners of the consortium must be Authorized Service Provider (ASP) for the last 2 years of the manufacturer whose Servers & Desktop Computers are being quoted for lease. Attach proof.
- (j) The Bidder/ OEM should be an OEM partner for the product being quoted.
- (k) The Bidder should have a centralized toll free call centre for after sales support. If toll free number facility is not existing, the bidder will arrange the facility before supply of equipment.
- (l) Address, Contact Person, Phone, Mobile phone and Tele Fax/E-mail of Branch Offices in Delhi, Chandigarh and Punjab with residential contact information during holidays.
- (m) Details & proof of Service facilities for Technical Support on Services, Maintenance & Availability of Hardware components be attached.
- (n) The Bidder should have support centers in Punjab and Chandigarh (own or through authorized service providers).
- (o) The Bidder should have logistics centers for spares replacement in atleast one in Chandigarh or Punjab.
- (p) The Bidder must have valid PAN issued by Income Tax Authorities, India.
- (q) The Bidder must have atleast 30 permanent employees on its roles with valid Provident Fund Numbers.
- (r) The Bidder must have valid State Sales Tax and CST Number.
- (s) The Bidder shall give a certificate regarding the use of quality components for IT Resources as per Performa VI.
- (t) The bidder would indicate make & model of the equipment and the components

Technical Bid shall consist of the following: -

- (a) Technical Deviations, if any, from the terms and conditions and specifications as specified in the Bidding Documents (Performa-III). Failing which, it would be assumed that there are no technical deviations and the full responsibility lies on the Bidder.
- (b) Technical Brochures of the product quoted and also current certifications asked for in the detailed technical specifications should also be enclosed.
- (c) Bidder must submit papers on detailed strategy, methodology and time schedules for supply, installation and maintenance of hardware and software products during the lease period of five years.
- (d) The Technical specifications may be fine-tuned on the basis of discussions with various Bidders during Technical Bid evaluation

process. The revised commercial bids, if required, would then be called on the basis of fine tuned specifications.

Commercial Bid consisting of the following: -

- (a) Bid prices for the fine-tuned Technical Specifications duly filled, signed and complete as per the Price Schedule on the prescribed Quotation Performa (Performa-IV).
- (b) The commercial bid consist of two parts.
 - **Price Schedule – Part I:** The bidder is required to submit leased charges in first part, which will be used for evaluation purposes. (Performa IV Part I) for Phase III of ICT project.
 - **Unit Price Schedule – Part II:** The bidder is required to submit unit cost on LMT basis.
 - Department of School Education may issue order(s) for any quantity as per its requirements within one year and the bidder shall be required to supply and install the requisite units at the specified Schools/ locations.
 - The bidder may please note that the accumulated cost of all items (under Part-II of Price Bid) must match with total quoted leased charges (under Part-I of Price Bid) as per given quantities.
 - The payment conditions in this case would be same (on LMT basis) as given in Price Schedule - Part I with ten (10) equal half yearly installments.
 - First payments may be advanced at the discretion of the client so as to coincide with other main installments indicated in Price Schedule - Part I.
 - The prices will be valid for a period of fifteen months from the date of signing the contract.
- (c) Commercial Deviations, if any, from the terms and conditions and specifications as specified in the Bidding Documents (Performa-V).

SECTION - III

TERMS AND CONDITIONS OF THE BID

- 1.1 The client reserves the right to carry out the capability assessment of the Bidders and the client's decision shall be final in this regard.
- 1.2 The individual signing the bid or other document, in connection with the bid must certify as to whether he or she has signed as:
 - a). A " Sole proprietor " of the firm or constituted attorney of such sole proprietor.
 - b). A partner of the firm, if it be partnership, in which case he must have authority to refer to arbitration disputes concerning the business partnership either by virtue of the partnership agreement or a power of attorney. In the alternative, all the partners should sign the bid.
 - c). Constituted attorney of the firm, if it is a company
 - d) Lead partner of the consortium.
- 1.3 The bidder shall not sub-contract any part of the contract without written permission of the client.

2 **STANDARDS:**

The Goods supplied under this contract shall conform to the standard mentioned in the Fine tuned Technical Specifications, and when no applicable standards are mentioned, to the authoritative standards. Such Standard shall be the latest issued by the concerned institution governing that standard.

3 **DELIVERY PERIOD & INSTALLATION:**

- 3.1 The Delivery period would start from the date the party will sign the contract. The delivery period is 10 weeks from the date of placing the order or 6 weeks from the date the site is ready, whichever is more.
- 3.2 The delivery period should be adhered to as will be mentioned in the Award of Contract. The supply shall actually be deemed to have been complete on the actual date of entire installation of all components/ items.
- 3.3 The equipment including Server Computers, Desktop computers, Printers, networking components, Software and Power peripherals including batteries etc. shall be installed in the selected Government schools/ locations in the State at the cost of the bidder. The list of 2084 Government schools and hardware & software distribution details is as per Annexure A. **(To be provided later).**

4 DELAY IN THE BIDDER'S PERFORMANCE & PENALTY:

- 4.1 The bidder shall submit a performance Bank Guarantee of Rs. 1.00 crore in the prescribed Performa within 4 (four) weeks of the signing of the contract and would be valid for lease period. In case of split of order to two or more companies, the client has the discretion to decide the performance Bank Guarantee amount at that stage.
- 4.2 An unexcused delay by Turnkey Hardware & Service Provider in the performance of its delivery obligations shall render him liable to any or all of the following penalties:-
- 4.2.1 In case of non/ partial supply/ installation of the equipment within a stipulated period, penalty @ Rs. 5000 per week per school and a further maximum period of one month shall be given for the supply/ installation. Penalties if any shall be deducted from the Earnest Money Deposited (EMD)/ Bank Guarantee (BG) by the Bidder. Thereafter, the bidder shall be liable for the imposition of liquidated damage and termination of the contract for default.
- 4.2.2 Forfeiture of earnest money/ Security.
- 4.3 Hiding of facts, misrepresentation, corrupt practices by the Bidder if revealed at any stage, would amount to forfeiture of EMD and subsequently the firm may also be blacklisted.

5 Standard of performance

Turnkey Hardware & Service Provider (THSP) shall carry out the supply order and carry out its obligations under the contract with due diligence, efficiency and economy in accordance with generally accepted norms techniques and practices used in the industry. Turnkey Hardware & Service Provider shall also adhere to professional implementation and support services during the execution of the project. The client may carry out benchmarking of sample equipments to be provided by the short listed THSP before and / or immediately after the delivery of equipment.

It shall employ appropriate advanced technology and safe and effective equipment, machinery, material and methods. Turnkey Hardware & Service Provider shall always act in respect of any matter relating to this contract, as faithful advisors to the client and shall, at all times, support and safeguard the clients legitimate interests in any dealings with the third party.

6 Use of contract documents and information

- 6.1 Turnkey Hardware & Service Provider shall not, without the client's prior written consent, disclose the contract or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of client in connection therewith to any person other than a person employed by Turnkey Hardware & Service Provider in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

6.2 Turnkey Hardware & Service Provider shall not without the purchaser's prior written consent, make use of any document or information.

6.3 Any document other than the contract itself shall remain the property of the client and shall be returned (in all copies) to the client on completion of the service provider's performance under the contract if so required by the client.

7 SCHEDULE OF PAYMENT:

7.1 The payment terms shall be as per follows:

1st installment of payment

7.1.1 The first six monthly installments would be due six months from the date of signing of the contract, for the works completed by then. For remaining works if any, the payment would be due one month after that work is completed. However, to make things simple, second installment would be due after one year from the date of the signing of the contract for all works completed by that time. Subsequent installments will be released after six months from the date previous installment was due.

7.1.2 Turnkey Hardware & Service Provider shall inform in writing about complete installation and commissioning. The payment shall be released after acceptance of equipment by the client or its authorized representative.

7.1.3 The School Management will give the completion certificate.

Subsequent installments

7.1.4 For a particular year, an annual payment of the leased amount will be released in two equal installments in reference to the first installment on the submissions of bills by the Turnkey Hardware & Service Provider.

Delayed payments

7.1.5 The client will pay interest @ 0.75% per two months on the delayed payments due for more than a month subject to the approval of the competent authority. The payment will be considered due after one month of submission of bills.

7.1.6 The fault logging system/ log registers maintained in the schools/locations will determine the level of services according to Service Level Agreement. Department of School Education will process the submitted bills as per data available in the database of fault logging system.

8 WARRANTY/ LEASE PERIOD:

- 8.1 **Hardware and system software products:** The Turnkey hardware & Service Provider will be responsible for a comprehensive warranty of five years for all hardware items including batteries, printer heads, hard disk, operating system (excluding nothing) and for operation & maintenance of all software products.
- 8.2 THSP will not remove the equipment without the written permission of the Principal or Headmaster of the School.
- 8.3 The response time for attending the faults will be six hours after they are reported to the Turnkey Hardware & Service Provider through Fault logging System. The Service Provider will rectify the faults within 36 clock hours failing which the service provider will arrange temporary replacements in next 24 clock hours. The services shall be provided Mondays to Saturdays on working hours.
- 8.4 The Service Provider will do preventive maintenance (PM) once in three months for hardware Systems running. Fault Logging System will have the provision of data of PM's record. The PM may generally be done on Non-working days/ Beyond General Shift Hours with the prior permission of the Principal or Headmaster.
- 8.5 In case the Service Provider fails to maintain the 97% uptime of the comprehensive system of each location on Six (6) monthly basis, the service provider will be liable for a penalty @ 0.5% of the leased amount per deficient %age uptime of that half year of the respective location.
- 8.6 In case of default, the client will have the right to arrange maintenance at the risk and cost of Service Provider, from any other source and shall adjust the charges from the lease payment due to Turnkey Hardware & Service Provider. Client decision shall be final in this regard and will be binding on the THSP
- 8.7 Based on these parameters, detailed Service Level Agreement will be signed with the THSP at the time of awarding of contract.

9 PRICE FALL:

- 9.1 The prices charged for the Hardware items supplied under the contract by the bidder shall in no event exceed the lowest price at which Turnkey Hardware & Service Provider sells the Hardware or offers to sell Hardware of identical description to the Department of the Central or State Government or any Statutory undertaking of the central or State Government, as the case may be, before the supply of IT resources.
- 9.2 If, at any time during the said period the bidder reduces the sale price, sells, or offers to sell such hardware items to any person/organization including the purchaser or any Department of State or Central Government or any statutory Undertaking of the Central or State Government as the case may be, at a price lower than the price chargeable under the contract, the bidder shall

forthwith notify such reduction, or sale or offer to sell to the purchaser and the price payable under the contract for the supply of material after the date of coming into force of such reduction or sale or offer to sell shall stand correspondingly reduced.

10 **TAXES AND DUTIES:**

10.1 The bidder shall be entirely responsible for all taxes, leveies, cess, Octroi, duties, license fees, etc. incurred until delivery of the contracted hardware to the purchaser. C/D Forms will be issued by the client.

11 **INSURANCE:**

11.1 The equipment supplied under the contract shall be fully insured through out the contract period of five years by the bidder against loss, theft or damage.

12 **Liquidated Damages:**

In the event of the failure of the bidder to secure acceptance of the equipment from the client within 90 days after delivery, the Client reserves the option to recover from the bidder as liquidated damages and not by way of penalty for the period after the said 90 days, until acceptance a sum equivalent to 0.5% of the contract value for each month of the failure of bidder up to a maximum deduction of 5%, to secure acceptance or part thereof without prejudice to the client's other remedies under the contract.

13 **Suspension:**

13.1 The client may by a written notice of suspension to the THSP, suspend all payments to the THSP under the contract, if the THSP failed to perform any of its obligations under this contract provided that such notice of suspension:

13.1.1 Shall specify the nature of the failure.

13.1.2 Shall request the bidder to remedy such failure within a specified period from the date of receipt of such notice of suspension by the bidder.

14 **Termination for default:**

14.1 The client may, without prejudice, to any other remedy for breach of contract, by written notice of default sent to the bidder, terminate the contract in whole or in part if:

14.1.1 The bidder fails to deliver any or all of the obligations within the time period(s) specified in the contract, or any extension thereof granted by the client.

14.1.2 The bidder fails to performs any other obligation(s) under the contract.

14.1.3 The THSP shall be given maximum of two opportunities of 30 days each to improve his service level and meet the obligations as per the contract.

15 Termination for insolvency:

The client may at any time terminate the contract by giving written notice to the bidder without compensation to the bidder, if the bidder becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or effect any right of action or remedy which has accrued thereafter to the client.

16 “No claim” Certificate:

The bidder shall not be entitled to make any claim, whatsoever, against the client under or by virtue of or arising out of this contract nor shall the client entertain or consider any such claim, if made by the bidder after he shall have signed a “no claim” certificate in favour of the client in such forms as shall be required by the client after the works are finally accepted.

17 Documents prepared by the bidder to be the Property of the Client

All plans, drawings, specifications, designs and other documents prepared by the bidder in the execution of the contract shall become and remain the property of the client, and before termination or expiration of this contract, the bidder shall deliver all such documents to the client under the contract along with the detailed inventory thereof.

18 Confidentiality:

The bidder and their personnel shall not, either during the term or after expiration of this contract, disclose any proprietary or confidential information relating to the services, contract or the client’s business or operations without the prior written consent of the client.

19 Passing of property:

Ownership shall not pass to the concerned department/ office unless and until the hardware and documentation thereof have been installed, tested and accepted, in accordance with the conditions of the contract to the entire satisfaction of the concerned department/ office after lease period of five years.

20 Force Majeure:

20.1 Notwithstanding the provisions of the bid, the bidder shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance are other failure to perform its obligations under the contract is the result of an event of Force Majeure.

20.2 For purposes of this Clause, “Force Majeure” means an event beyond the control of the bidder and not involving the bidder and not involving the bidder’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the client either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes

20.3 If a Force Majeure situation arises, the bidder shall promptly notify the client in writing of such conditions and the cause thereof. Unless otherwise directed by the client in writing, the bidder shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. The client may terminate this contract, by giving a written notice of minimum 30 days to the bidder, if as a result of Force Majeure, the bidder being unable to perform a material portion of the services for a period of more than 60 days.

21 **Governing Language:**

The contract shall be written in the language of the bid, as specified by the client, in the instructions to the bids. Subject to clause 6 of Section 2, that language version of the contract shall govern its interpretation. All correspondence and other documents pertaining to the contract which are exchanged by the parties shall be written in that same language.

22 **OTHER CONDITIONS:**

22.1 The client reserves the right to offer the lowest total price (L1) to the other technically qualified bidders and split the order. However, it is clarified that splitting of the order would be done in very exceptional case when the lowest bidder is not in a position to provide the support across the state.

22.2 Risk purchase at the cost of bidder will be made on the failure of the bidder to make supply as per Terms and Conditions. The difference of excess in cost thus incurred will be received from the bidder in a suitable manner and even from his pending bills, earnest money or security whichever is available.

22.3 All disputes, differences, claims and demands arising under or pursuant to or touching the contract shall be referred to the arbitrator(s) as per the provisions of the arbitration Act. Such arbitration shall be held at Chandigarh.

22.4 In all matters and disputes arising there under, the appropriate Courts at Chandigarh alone shall have jurisdiction to entertain and try them.

22.5 Quote should be F.O.R destination. The list of 2085 Government schools/ locations and hardware & software details is as per Annexure A **(To be provided later)**.

Section IV

DETAILED TECHNICAL SPECIFICATIONS

Introduction

The Turnkey Hardware & Service Provider (THSP) would be responsible for carrying out the following tasks during the lease period of five years:

1. Supply, installation, repair and maintenance, trouble-shooting of following Information Technology (IT) resources in 2085 Government Schools as per the detailed technical specifications given in section IV: **(numbers may vary)**

Sr.	Phase III	
No.	Item Description	Quantity
1.	Server Computers	2085
2.	Desktop Computers	9819
3.	Line interactive 2 KVA UPS's with 4800 VAH battery backup (On full load) – 150 minutes batter backup	2068
4.	Line interactive 3 KVA UPS's with 7200 VAH battery backup (On full load) – 150 minutes batter backup	23
5.	4 KVA Stablizer (To be placed before 2 KVA UPS)	2068
6.	5 KVA Stablizer (To be placed before 3 KVA UPS)	23
7.	Printers	2085
8.	Local Area Network including Networking components	2085

- Setting up Local Area Network (LAN) in every computer Laboratory in Schools.
 - Department of School Education (DSE) would provide Software products such as Windows XP Professional, Microsoft Office Professional, Encarta 2006, Visual Studio .NET Professional, Microsoft Windows 2005 Server etc. to the Turnkey Hardware and Service Provider (THSP) for installation and maintenance.
2. Installation, operation, maintenance, running and updation of System Software products:
 - Windows XP Professional – upgrade from Windows XP Home
 - MS Office Professional
 - Encarta Encyclopedia 2006
 - Visual Studio .NET Professional
 - Windows Server 2003
 - Any other software required for the project
 3. Web-based fault logging system shall be provided by THSP for on-line monitoring of complaints.
 4. Keep the infrastructure including Hardware, software, networking up and running condition as per the service level agreement by providing the Post Implementation Support and Services including:
 - Operations and Management (O & M) of all hardware and system software products.

- Deploying support engineers to ensure the service level/ uptime agreed in the Service Level Agreement (SLA) at appropriate location for maintenance, trouble-shooting and repair purposes.
 - Stocking of required spares of hardware items at appropriate locations in the State for quick response time.
5. Provide support & services for all other components of the System (excluding nothing) like Power Systems, Printers, Networking, System Software, Software Products & Services etc as defined in bid document

Note:

- Ready sites in the shape of furnished lab rooms with Running Board for Computers, electrical fittings for computers, Chair & Table-chair for teacher, white board, sufficient no. of tube lights, fans in each School/ location would be provided by the Department of School Education to the Turnkey Hardware & Service Provider (THSP) for setting up the IT Infrastructure and providing the services mentioned above. No Air Conditioning would be provided. THSP would check electrical points and earthing etc. before supply of the equipment.
- After five years the ownership of the complete hardware and software will be transferred to the government by the Turkey Hardware Service Provider (THSP) as per above at Rs. 1 or at no cost.

Total ICT infrastructure Requirements - Executive Summary

Sr. No.	Item Description	Phase III
1.	Total number of Server Computers	2085
2.	Total number of Desktop Computers	9819
3.	Total number of 2 KVA line interactive UPS's with 4800 VAH battery backup (On Full Load)	2068
4.	Total number of 4 KVA Stablizer (To be placed before 2 KVA Line Interactive UPS)	23
5.	Total number of 3 KVA line interactive UPS's with 7200 VAH battery backup (On Full Load)	2068
6.	Total number of 5 KVA Stablizer (To be placed before 3 KVA Line Interactive UPS)	23
7.	Total number of Printers	2085
8.	Setting up Local Area Network (LAN) in every Laboratory in Schools/locations including networking components	2085
9.	Software products (such as Windows XP professional, MS Office professional, Encarta 2006, Visual Studio .NET professional, Windows 2005 Server, etc)	As per reqt.

List of Government schools is as per Annexure A (To be provided later).

Detailed technical configurations of Server, Desktop Computer, Dot Matrix Printer, Power peripherals, Networking components and System software product

Note: Vendors shall restrict to following makes of grade-I quality for the internal components (*) of the quoting product(s):

Sr. No.	Item Description	Detailed technical configurations
1.	Server Computer	Dual Core CPU speed @ 2.66 GHz with Hyper Threading with 2x1 MB L2 cache Memory or better <ul style="list-style-type: none"> • Motherboard make* (Intel, ASUS, Gigabyte, MSI, Fox Conn or better brand by OEMs) • 800 MHz FSB • Intel 945G Original Chipset or ATi RS480M or ATi RS482 • 2 x 256 MB DDR2 RAM (400 Mhz) or DDR SDRAM (400MHz) • 80 GB SATA II Hard Disk 7200 RPM* (Seagate/ Samsung/ Hitachi/ Maxtor) • 1.44 MB FDD* • DVD CDR Combo drive* 48x32x48 (LG or Samsung or OEM) • 15" SVGA Color Monitor MPR II compliant (Samsung, LG, Samtron or same brand as PC) • Gigabit Ethernet on Board • Integrated Intel Extreme graphics or equivalent / better • 1 Serial Port, 1 Parallel Port, 2 PS/2, 1 VGA jack • 4 Nos USB ports • 104 Key Keyboard (Logitech, Microsoft or same brand as PC) • Internal Modem 56 Kbps • Mini / Micro Tower Cabinet • 250w or higher SMPS • Optical OEM mouse with pad (Logitech, Microsoft or same brand of PC) • Manufacturer brand stamping/ screen printing/ Sticker on RAM and Hard disk, Motherboard • Dust covers for CPU, Monitor & Keyboard • Norton/ Mc-Afee or equivalent Server antivirus software (Latest version) • Windows Logo Program Certification
2.	Desktop Computer	Intel Celeron-D (64 bit) @ 3.06 GHz or AMD Sempron (64 bit) 3100+ 1.8 GHz or equivalent /better <ul style="list-style-type: none"> • Chipset: Intel 945G or Via K8M890 on OEM motherboard • Motherboard* (Intel, ASUS, Gigabyte, MSI, Fox Conn or better brand by OEMs) should support minimum 533 MHz FSB CPU or higher & DDR 533 MHz speed • 256 KB L2 cache or higher • 2x256 MB DDR II RAM (DDR 333) • 40 GB HDD, 7200 rpm ATA (Seagate, Samsung/ Hitachi/ Maxtor) • 15" SVGA Color Monitor MPR II compliant (Samsung, LG, Samtron or same brand as PC) • Integrated 1 Gbps LAN card on board • 52x CD ROM drive or better (LG/ Samsung/ BenQ/ OEM) • Integrated shared Graphics upto 32 MB • 1 Serial, 1 parallel, 2 PS/2 ports, 1 VGA Jack • 4 Nos USB 2.0 ports with 2 USB Ports in the front. • 104 Keys Keyboard (Logitech, Microsoft or same brand as PC) • Mini/ Micro Tower cabinet (with 4 Bays or higher) • 220w or higher SMPS • MS Windows XP Home or equivalent with certificate of authenticity • Manufacturer brand stamping/ screen printing/ Sticker on RAM and Hard

Sr. No.	Item Description	Detailed technical configurations
		disk, Motherboard <ul style="list-style-type: none"> • Norton/Mc Afee or equivalent desktop antivirus software (Latest version) • Integrated Sound with internal speakers • Optical Mouse with pad (Logitech, Microsoft or same brand of PC) • Dust Covers for CPU, Monitor & keyboard • Energy Star certified • Windows Logo Program certified
3.	UPS Line Interactive	2 KVA Line Interactive with battery Backup time Minimum 150 minutes (On Full Load) <ul style="list-style-type: none"> • Microprocessor controlled with synchronous transfer from Mains to inverter and vice versa with Intelligent RS – 232 Communication Interface • Power factor: 0.60 • Input Voltage Range – 175 to 280 AC, Single phase • Input Frequency – 47 to 53 Hz • Output Voltage – 195 to 255 V AC using Automatic Voltage Regulator (AVR) • Output Power rating – 2000 VA (Capable to handle atleast 6 computers with 15" color monitor) • Output waveform <ul style="list-style-type: none"> ○ Mains mode: Same as input supply ○ Battery mode: Sine Wave • Transfer rate – less than 5 milliseconds • Overload protection: UPS must have User Resettable Push Button Circuit breaker in the input and internal current limiting circuit for inverter output. Audio/ Visual indications should also be provided • Surge Suppressors: Inbuilt surge suppressor, EMI/ RFI Filters • LED Indicators: Mains Status, Battery Operation, Overload & Charging & Discharging. • The battery should recharge to 90% capacity within 8 Hours after complete discharge. • Battery Type – Sealed Lead Acid Maintenance Free • Battery make – EXIDE, PANASONIC, Global & YUASA, CSB, AMAR RAJA • Backup time – Minimum 150 minutes on full load • Battery Cabinet – Batteries should be housed in a Cabinet • Battery quantity – 4800 VAH (Minimum) • UPS software – Compatible with Windows XP/ ME/ 98/ 2000/ Home/ 2003 for real time monitoring of all vital parameters such as Input Voltage, Output Voltage, Output Load, Battery Voltage and Battery Backup time. Automatic File saving and systematic shutdown of computer in case of prolonged mains failure prior to UPS tripping due to exhausted batteries. The battery should be protected from deep discharging. • ISO 9001 certified
4.	4 KVA Automatic Voltage Stabilizer	To be placed before 2 KVA Line Interactive UPS <ul style="list-style-type: none"> • The stabilizer consists of a multiple tap auto transformer and solid state control circuit • Provision of time delay after startup, under voltage cut of and over voltages cut of conditions • In case time delay is not required, then the stabilizer can be switched on by pressing the instant Start push button provided on the front side • Provision of status LED's for input ON, input On equal voltage (low) and input voltage (High) on the front side. • Certified ISO 9001 <ul style="list-style-type: none"> ○ Input Voltage : 120V to 280V Ac

Sr. No.	Item Description	Detailed technical configurations
		<ul style="list-style-type: none"> ○ Output voltage : 225V ± 12% AC; ○ Output current : 17 Amp ○ Front Panel Board : Display Meters should be provided for Input and Output Voltage and current ○ Under voltage cut-off: 140V: ○ Over voltage cut-off: 280V ○ Time Delay : 60 Seconds (Approximately)
5.	UPS Line Interactive	<p>3 KVA Line Interactive with battery Backup time Minimum 150 minutes (On Full Load)</p> <ul style="list-style-type: none"> • Microprocessor controlled with synchronous transfer from Mains to inverter and vice versa with Intelligent RS – 232 Communication Interface • Power factor: 0.60 • Input Voltage Range – 175 to 280 AC, Single phase • Input Frequency – 47 to 53 Hz • Output Voltage – 195 to 255 V AC using Automatic Voltage Regulator (AVR) • Output Power rating – 3000 VA (Capable to handle atleast 9 computers with 15" color monitor) • Output waveform <ul style="list-style-type: none"> ○ Mains mode: Same as input supply ○ Battery mode: Sine Wave • Transfer rate – less than 5 milliseconds • Overload protection: UPS must have User Resettable Push Button Circuit breaker in the input and internal current limiting circuit for inverter output. Audio/ Visual indications should also be provided • Surge Suppressors: Inbuilt surge suppressor, EMI/ RFI Filters • LED Indicators: Mains Status, Battery Operation, Overload & Charging & Discharging. • The battery should recharge to 90% capacity within 8 Hours after complete discharge. • Battery Type – Sealed Lead Acid Maintenance Free • Battery make – EXIDE, PANASONIC, Global & YUASA, CSB, AMAR RAJA • Backup time – Minimum 150 minutes on full load • Battery Cabinet – Batteries should be housed in a Cabinet • Battery quantity – 7200 VAH (Minimum) • UPS software – Compatible with Windows XP/ ME/ 98/ 2000/ Home/ 2003 for real time monitoring of all vital parameters such as Input Voltage, Output Voltage, Output Load, Battery Voltage and Battery Backup time. Automatic File saving and systematic shutdown of computer in case of prolonged mains failure prior to UPS tripping due to exhausted batteries. The battery should be protected from deep discharging. • ISO 9001 certified
6.	5 KVA Automatic Voltage Stabilizer	<p>To be placed before 3 KVA Line Interactive UPS</p> <ul style="list-style-type: none"> • The stabilizer consists of a multiple tap auto transformer and solid state control circuit • Provision of time delay after startup, under voltage cut of and over voltages cut of conditions • In case time delay is not required, then the stabilizer can be switched on by pressing the instant Start push button provided on the front side • Provision of status LED's for input ON, input On equal voltage (low) and input voltage (High) on the front side. • Certified ISO 9001 <ul style="list-style-type: none"> ○ Input Voltage : 120V to 280V Ac

Sr. No.	Item Description	Detailed technical configurations
		<ul style="list-style-type: none"> ○ Output voltage : 225V ± 12% AC; ○ Output current : 21 Amp ○ Front Panel Board : Display Meters should be provided for Input and Output Voltage and current ○ Under voltage cut-off: 140V: ○ Over voltage cut-off : 280V ○ Time Delay : 60 Seconds (Approximately)
7.	Networking components	Unmanaged 10/ 100 Mbps Switch (3-Com/ Dlink/ DAX/ Linksys)
		CAT-5e UTP Cable – as per requirements of the site
		RJ 45 Connectors
		Information Outlets with Surface mounting Box - As per reqts. of the site
		Laying of cable with conduit pipe – as per actual
8.	Printers	Dot Matrix Printer (DMP) – 300 cps, 9 pin, 80 col.
9.	System Software *	Installation, operation, maintenance, running and updation of System Software products (To be provided by the Department of School Education) <ul style="list-style-type: none"> ● MS Office Professional ● Encarta 2006 ● Visual Studio .NET Professional ● Windows XP Professional - upgrade from Windows XP Home ● Windows 2005 Server standard ● Any other software required for project(s)

* The State Government would directly negotiate and finalize the rates of system software products with its Principal Company. However, the Turnkey Hardware & Service Provider would install and maintain these products for a period of five years.

Note:

- **Servers and Desktop Computers:** The bidder can only quote same technology in case of Server Computer and Desktop Computer and is required to specify the same before the opening of commercial bid.
- **UPS:** It is mandatory to replace UPS batteries (as per battery make indicated in RFP) minimum two times during 5 years.
 - 1st replacement would be done immediately after the completion of 30th month or at the end of the satisfactory battery life, whichever is earlier.
 - 2nd replacement would be done in the 60th month just before closing of the contract or end of satisfactory battery life, whichever is earlier.
 - Apart from these mandatory replacements, the batteries should be replaced immediately if its performance is not satisfactory.
 - The replaced batteries will remain as property of respective schools for four months from the date of replacement. After four months the same may be collected by the THSP.
- **Stabilizers:** The above-indicated stabilizers to be provided as separate units and are not integral part of UPS.

The client reserves the right to vary the quantity of the equipment at the time of awarding the contract.

SECTION-V
BID PROPOSAL PROFORMAE
Performa -I
BID PROPOSAL SHEET

Bidder's Proposal Reference No. & Date :
Bidder's Name & Address :
Person to be contacted :
Designation :
Telephone No. Telex No.: Fax No:

To:

Department of School Education, Punjab
SCO 104 – 106, Second Floor,
Sector-34 - A, Chandigarh

Subject: For supply, installation and maintenance of Hardware items in Government schools in rural and urban areas in the State on Lease Maintain and Transfer (LMT) model.

Dear Sir,

- 1.0** We, the undersigned Bidders, having read and examined in detail the specifications and all bidding documents in respect of supply of hardware item do hereby propose to provide hardware as specified in the bidding document.
- 2.0 PRICE AND VALIDITY**
- 2.1 All the prices mentioned in our proposal are in accordance with the terms as specified in bidding documents. All the prices and other terms and conditions of this proposal are valid for a period of 120 days from the last date of submission of bids.
- 2.2 We do hereby confirm that our bid prices include all taxes and cess including Income Tax.
- 2.3 We have studied the Clauses relating to valid Indian Income Tax and hereby declare that if any Income Tax, Surcharge on Income Tax and any other Corporate Tax is altered under the law, we shall pay the same.

3.0 EARNEST MONEY

We have enclosed the required earnest money in the form of Bank Draft in the Pre Qualification bid envelope. It is liable to be forfeited in accordance with the provisions of bid document.

4.0 DEVIATIONS

We declare that all the services shall be performed strictly in accordance with the fine tuned Technical specifications and other bid document except the deviations as mentioned in the Technical deviation Performa (Performa-III) Further we agree that additional conditions, if any, found in the proposal documents, other than those stated in deviations Performa, shall not be given effect to.

5.0 BID PRICING

We further declare that the prices stated in our proposal are in accordance with your terms & conditions in the bidding document.

6.0 QUALIFYING DATA

We confirm having submitted in qualifying data as required by you in your bid document. In case you require any further information/documentary proof in this regard before evaluation of our bid, we agree to furnish the same in time to your satisfaction.

7.0 CONTRACT PERFORMANCE SECURITY

We hereby declare that in case the contract is awarded to us, we shall submit the performance Guarantee Bond in the form of Bank Guarantee as per terms of bid document.

- 7.1 We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct to the best of our knowledge & belief.
- 7.2 Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.
- 7.3 We understand that you are not bound to accept the lowest or any bid you may receive.

Thanking you,

Yours faithfully,

(Signature)

Date:

Name:

Place:

Designation:

Business Address:

Seal

Performa -II
PARTICULARS OF BIDDER & MANUFACTURER

- BIDDER'S PARTICULARS FOR BID NO. _____
1. Name of the Bidder : _____
 2. Address of the Bidder : _____

 4. Year of Establishment : _____
 5. Annual turnover of the firm for the : _____
last 2 successive years.
 6. Name of the Dept./Institution where _____
the supply of hardware/Networking has _____
already been done _____

 7. Name of the consortium firm (if any) : _____

 8. Address of each consortium firm : _____

 9. Service facilities available for maintenance : _____

 10. Availability of spare parts, components _____

 11. Bidder's proposal number & date : _____
 12. Name & address of the officer : _____

to whom all references shall _____
be made regarding this bid _____

Telex

Telephone

Fax No.

As of the this date the information furnished in all parts of this form is accurate and true to the best of my knowledge.

Witness:

Signature	_____	Signature	_____
Name	_____	Name	_____
Designation	_____	Designation	_____
Address	_____	Address	_____
	_____		_____
Company	_____	Company	_____
Date	_____	Date	_____

Company Seal

**(With name & designation
of the person signing the bid)**

PRE-QUALIFICATION CHECKLIST & ORDER IN WHICH DOCUMENTS ARE SUBMITTED

Name of bidder: _____

S. No.	Condition / Item	Yes/ No/ description	Page S.No.(s)	Remarks
1.	Bid Proposal sheet duly filled in, signed and complete in all respects. (Performa -I)			
2.	Qualifying data duly filled in as per relevant Performa provided in the bid proposal that the Bidder is eligible to bid and is qualified to perform the contract, if its bid is accepted (Performa -II)			
3.	Earnest Money Deposit (EMD) for Rs. 50,00,000/- (Rs. Fifty lacs)) in favour of Punjab ICT Education Society (PICTES) in Department of School Education, Punjab. Out of which 50% shall be in shape of Demand Draft and balance 50% in Bank Guarantee			
4.	Proof of Rs. 400 crore annual turnover of the Principal Service Provider, if any (Out of which, 50% of it should be at least from Indian operations) and Rs. 40 crore of its own during last 3 years. Attach Balance sheets of reference period.			
5.	The Lead Company in the Consortium must be in existence in Indian supplies of computers & applied equipments for a period of last three years. Attach proof.			
6.	The OEM Manufacturer must have hardware manufacturing facility in India with ISO 9001:2000 and ISO 14001 certifications.			
7.	The OEM manufacturer must have the capacity of 25,000 PCs per annum in India. Attach proof thereof.			
8.	The Bidder should attach proof of having executed at least 3 large deals of Desktop Computers to Government/ PSUs/ Corporates with each deal 500 desktop or more of same technology from Indian Market only. In UPS category, the Bidder/ manufacturer must have executed projects worth Rs. 50 lacs, at least one project in Government/ PSU sector.			
9.	The Bidder/ One of the partners of the Consortium must be Authorized service provider (ASP) for the last 2 years of the manufacturer whose Servers & Desktop Computers are being quoted for lease.			

	Attach proof.			
10.	The Bidder/ OEM should be an OEM partner for the processor/ equipment being quoted.			
11.	The Bidder should have a centralized toll free call centre for after sales support. If toll free number facility is not existing, the bidder will arrange the facility before supply of equipment.			
12.	Address, Contact Person, Phone, Mobile phone and Tele Fax/E-mail of Branch Offices in Delhi, Chandigarh and Punjab with residential contact information during holidays.			
13.	Details & proof of Service facilities for Technical Support on Services, Maintenance & Availability of Hardware components be attached.			
14.	The Bidder should have support centers in Punjab and Chandigarh (own or through authorized service providers).			
15.	The Bidder should have logistics centers for spares replacement in atleast one in Chandigarh or Punjab			
16.	The Bidder must have valid PAN issued by Income Tax Authorities, India			
17.	The Bidder must have atleast 30 permanent employees on its roles with valid Provident Fund Numbers			
18.	The Bidder must have valid State Sales Tax and CST Number			
19.	The Bidder shall give a certificate regarding the use of quality components for IT Resources as per Performa VI.			
20.	The bidder would indicate make & model of the equipment and the components.			

Performa-III

TECHNICAL DEVIATIONS

Subject: For supply, installation and maintenance of Hardware items in Government schools in rural and urban areas in the State on LMT model.

Dear Sir,

Following are the Technical deviations & variations from the exceptions to the specifications of **providing Hardware items in Government schools/locations**. These deviations and variations are exhaustive. Except these deviations and variations, the entire work shall be provided as per your specifications and documents.

Sr. No.	Clause No.	Page No.	Statement of deviations and variations
----------------	-------------------	-----------------	---

Date

Signature

Name

Place

Seal

Performa-IV

PRICE SCHEDULE (In Rs.) – Part I

**SUPPLY OF ITEMS ON LEASE, MAINTAIN AND TRANSFER BASIS FOR FIVE YEARS
under
ICT Education Phase III project**

Total leased amount to be paid in Ten Equal half yearly installments (Rs. In crore)	
In figure:	
In words:	Only

(Signature)/Seal

Performa-IV**PRICE SCHEDULE (In Rs.) – Part II****Unit cost of items on LMT basis**

Sr. No.	Item Desc.	Detailed technical configurations	Unit cost on LMT basis (inclusive of all taxes)
1.	Server Computer	Dual Core CPU speed @ 2.66 GHz with Hyper Threading with 2x1 MB L2 cache Memory or better <ul style="list-style-type: none"> • Motherboard make* (Intel, ASUS, Gigabyte, MSI, Fox Conn or better brand by OEMs) • 800 MHz FSB • Intel 945G Original Chipset or ATi RS480M or ATi RS482 • 2 x 256 MB DDR2 RAM (400 Mhz) or DDR SDRAM (400MHz) • 80 GB SATA II Hard Disk 7200 RPM* (Seagate/ Samsung/ Hitachi/ Maxtor) • 1.44 MB FDD* • DVD CDR Combo drive* 48x32x48 (LG or Samsung or OEM) • 15" SVGA Color Monitor MPR II compliant (Samsung, LG, Samtron or same brand as PC) • Gigabit Ethernet on Board • Integrated Intel Extreme graphics or equivalent / better • 1 Serial Port, 1 Parallel Port, 2 PS/2, 1 VGA jack • 4 Nos USB ports • 104 Key Keyboard (Logitech, Microsoft or same brand as PC) • Internal Modem 56 Kbps • Mini / Micro Tower Cabinet • 250w or higher SMPS • Optical OEM mouse with pad (Logitech, Microsoft or same brand of PC) • Manufacturer brand stamping/ screen printing/ Sticker on RAM and Hard disk, Motherboard • Dust covers for CPU, Monitor & Keyboard • Norton/ Mc-Afee or equivalent Server antivirus software (Latest version) • Windows Logo Program Certification 	
2.	Desktop Computer	Intel Celeron-D (64 bit) @ 3.06 GHz or AMD Sempron (64 bit) 3100+ 1.8 GHz or equivalent /better <ul style="list-style-type: none"> • Chipset: Intel 945G or Via K8M890 on OEM motherboard • Motherboard* (Intel, ASUS, Gigabyte, MSI, Fox Conn or better brand by OEMs) should support minimum 533 MHz FSB CPU or higher & DDR 533 MHz speed • 256 KB L2 cache or higher • 2x256 MB DDR II RAM (DDR 333) • 40 GB HDD, 7200 rpm ATA (Seagate, Samsung/ Hitachi/ Maxtor) • 15" SVGA Color Monitor MPR II compliant (Samsung, LG, Samtron or same brand as PC) • Integrated 1 Gbps LAN card on board • 52x CD ROM drive or better (LG/ Samsung/ BenQ/ OEM) • Integrated shared Graphics upto 32 MB • 1 Serial, 1 parallel, 2 PS/2 ports, 1 VGA Jack • 4 Nos USB 2.0 ports with 2 USB Ports in the front. 	

Sr. No.	Item Desc.	Detailed technical configurations	Unit cost on LMT basis (inclusive of all taxes)
		<ul style="list-style-type: none"> • 104 Keys Keyboard (Logitech, Microsoft or same brand as PC) • Mini/ Micro Tower cabinet (with 4 Bays or higher) • 220w or higher SMPS • MS Windows XP Home or equivalent with certificate of authenticity • Manufacturer brand stamping/ screen printing/ Sticker on RAM and Hard disk, Motherboard • Norton/Mc Afee or equivalent desktop antivirus software (Latest version) • Integrated Sound with internal speakers • Optical Mouse with pad (Logitech, Microsoft or same brand of PC) • Dust Covers for CPU, Monitor & keyboard • Energy Star certified • Windows Logo Program certified 	
3.	UPS Line Interactive	<p>2 KVA Line Interactive with battery Backup time Minimum 150 minutes (On Full Load)</p> <ul style="list-style-type: none"> • Microprocessor controlled with synchronous transfer from Mains to inverter and vice versa with Intelligent RS – 232 Communication Interface • Power factor: 0.60 • Input Voltage Range – 175 to 280 AC, Single phase • Input Frequency – 47 to 53 Hz • Output Voltage – 195 to 255 V AC using Automatic Voltage Regulator (AVR) • Output Power rating – 2000 VA (Capable to handle atleast 6 computers with 15" color monitor) • Output waveform <ul style="list-style-type: none"> ○ Mains mode: Same as input supply ○ Battery mode: Sine Wave • Transfer rate – less than 5 milliseconds • Overload protection: UPS must have User Resettable Push Button Circuit breaker in the input and internal current limiting circuit for inverter output. Audio/ Visual indications should also be provided • Surge Suppressors: Inbuilt surge suppressor, EMI/ RFI Filters • LED Indicators: Mains Status, Battery Operation, Overload & Charging & Discharging. • The battery should recharge to 90% capacity within 8 Hours after complete discharge. • Battery Type – Sealed Lead Acid Maintenance Free • Battery make – EXIDE, PANASONIC, Global & YUASA, CSB, AMAR RAJA • Backup time – Minimum 150 minutes on full load • Battery Cabinet – Batteries should be housed in a Cabinet • Battery quantity – 4800 VAH (Minimum) • UPS software – Compatible with Windows XP/ ME/ 98/ 2000/ Home/ 2003 for real time monitoring of all vital parameters such as Input Voltage, Output Voltage, Output Load, Battery Voltage and Battery Backup time. Automatic File saving and systematic shutdown of computer in case of prolonged mains failure prior to UPS tripping due to exhausted batteries. The battery should be protected from deep discharging. • ISO 9001 certified 	

Sr. No.	Item Desc.	Detailed technical configurations	Unit cost on LMT basis (inclusive of all taxes)
4.	4 KVA Automatic Voltage Stabilizer	<p>To be placed before 2 KVA Line Interactive UPS</p> <ul style="list-style-type: none"> • The stabilizer consists of a multiple tap auto transformer and solid state control circuit • Provision of time delay after startup, under voltage cut of and over voltages cut of conditions • In case time delay is not required, then the stabilizer can be switched on by pressing the instant Start push button provided on the front side • Provision of status LED's for input ON, input On equal voltage (low) and input voltage (High) on the front side. • Certified ISO 9001 <ul style="list-style-type: none"> ○ Input Voltage : 120V to 280V Ac ○ Output voltage : 225V ± 12% AC; ○ Output current : 17 Amp ○ Front Panel Board : Display Meters should be provided for Input and Output Voltage and current ○ Under voltage cut-off: 140V: ○ Over voltage cut-off: 280V ○ Time Delay : 60 Seconds (Approximately) 	
5.	UPS Line Interactive	<p>3 KVA Line Interactive with battery Backup time Minimum 150 minutes (On Full Load)</p> <ul style="list-style-type: none"> • Microprocessor controlled with synchronous transfer from Mains to inverter and vice versa with Intelligent RS – 232 Communication Interface • Power factor: 0.60 • Input Voltage Range – 175 to 280 AC, Single phase • Input Frequency – 47 to 53 Hz • Output Voltage – 195 to 255 V AC using Automatic Voltage Regulator (AVR) • Output Power rating – 3000 VA (Capable to handle atleast 9 computers with 15" color monitor) • Output waveform <ul style="list-style-type: none"> ○ Mains mode: Same as input supply ○ Battery mode: Sine Wave • Transfer rate – less than 5 milliseconds • Overload protection: UPS must have User Resettable Push Button Circuit breaker in the input and internal current limiting circuit for inverter output. Audio/ Visual indications should also be provided • Surge Suppressors: Inbuilt surge suppressor, EMI/ RFI Filters • LED Indicators: Mains Status, Battery Operation, Overload & Charging & Discharging. • The battery should recharge to 90% capacity within 8 Hours after complete discharge. • Battery Type – Sealed Lead Acid Maintenance Free • Battery make – EXIDE, PANASONIC, Global & YUASA, CSB, AMAR RAJA • Backup time – Minimum 150 minutes on full load • Battery Cabinet – Batteries should be housed in a Cabinet • Battery quantity – 7200 VAH (Minimum) • UPS software – Compatible with Windows XP/ ME/ 98/ 2000/ Home/ 2003 for real time monitoring of all vital parameters such as Input 	

Sr. No.	Item Desc.	Detailed technical configurations	Unit cost on LMT basis (inclusive of all taxes)
		Voltage, Output Voltage, Output Load, Battery Voltage and Battery Backup time. Automatic File saving and systematic shutdown of computer in case of prolonged mains failure prior to UPS tripping due to exhausted batteries. The battery should be protected from deep discharging. <ul style="list-style-type: none"> • ISO 9001 certified 	
6.	5 KVA Automatic Voltage Stabilizer	To be placed before 3 KVA Line Interactive UPS <ul style="list-style-type: none"> • The stabilizer consists of a multiple tap auto transformer and solid state control circuit • Provision of time delay after startup, under voltage cut of and over voltages cut of conditions • In case time delay is not required, then the stabilizer can be switched on by pressing the instant Start push button provided on the front side • Provision of status LED's for input ON, input On equal voltage (low) and input voltage (High) on the front side. • Certified ISO 9001 <ul style="list-style-type: none"> ○ Input Voltage : 120V to 280V Ac ○ Output voltage : 225V ± 12% AC; ○ Output current : 21 Amp ○ Front Panel Board : Display Meters should be provided for Input and Output Voltage and current ○ Under voltage cut-off: 140V: ○ Over voltage cut-off : 280V ○ Time Delay : 60 Seconds (Approximately) 	
7.	Networking components	Unmanaged 10/ 100 Mbps Switch (3-Com/ Dlink/ DAX/ Linksys)	
		CAT-5e UTP Cable – as per requirements of the site	
		RJ 45 Connectors	
		Information Outlets with Surface mounting Box - As per reqts. of the site	
		Laying of cable with conduit pipe – as per actual	
8.	Printers	Dot Matrix Printer (DMP) – 300 cps, 9 pin, 80 col.	
9.	System Software *	Installation, operation, maintenance, running and updation of System Software products (To be provided by the Department of School Education) <ul style="list-style-type: none"> • MS Office Professional • Encarta 2006 • Visual Studio .NET Professional • Windows XP Professional - upgrade from Windows XP Home • Windows 2005 Server standard • Any other software required for project(s) 	

(Signature)/Seal

Performa-V

COMMERCIAL DEVIATIONS

Subject: For supply, installation and maintenance of Hardware items in Government schools in rural and urban areas in the State on LMT model.

Dear Sir,

Following are the Commercial deviations & variations from the exceptions to the specifications of providing **hardware items in Government schools**. These deviations and variations are exhaustive. Except these deviations and variations, the entire work shall be provided as per your specifications and documents.

Sr. No.	Clause No.	Page No.	Statement of deviations and variations
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Date

Signature

Name

Place

Seal

Performa-VI
CERTIFICATE

Use of new, genuine and quality components for IT Resources

This has reference to IT Resources namely Servers, Desktop computers, UPS systems, Printers and networking components being quoted / to be supplied by your company against the tender no. **2006(N)/ DSE/ ICT Project Phase-III(A)** dated _____.

We hereby undertake that all the components / parts/ assembly/ softwares such as Hard disk, CPU, Motherbaord, Monitors, Memory, power components, networking components, printer head etc. to be used in the above mentioned IT Resources shall be original, new, genuine and as per the said technical specifications from respective OEM(s) of the quoted products. It is also certified that no refurbished/ duplicate/ second-hand components/ parts/assembly/ software are being used or shall be used.

We also undertake that an authorized license certificate (e.g. Product Keys on Certification of Authenticity) shall be supplied in case of Server computers & Desktop Computers and further that it shall be sourced from its Principal Company.

We shall also submit a certificate from the OEM supplier in support of above undertaking at the time of delivery. It will be our responsibility to produce such letters from our OEM supplier's within a reasonable time.

In case we are found not complying with above indicated undertaking at the time of delivery or during installation, we allow the Department of School Education to take appropriate action (e.g. Forfeiture of Bank Guarantee/ EMD / balance leased amount).

Authorized signatory