

**PUNJAB ENGINEERING COLLEGE (Deemed to be
University), Chandigarh
Sector 12, Chandigarh 160012**



E-tender document

For

Annual Maintenance Contract for Computers & Peripherals

at

Computer Centre

PUNJAB ENGINEERING COLLEGE (Deemed to be University)

Sector 12, Chandigarh 160012

**PUNJAB ENGINEERING COLLEGE (DEEMED TO BE UNIVERSITY),
CHANDIGARH**

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SECTION I: INVITATION FOR E - TENDER

1. The PUNJAB ENGINEERING COLLEGE (Deemed to be University), Chandigarh invites e-bids from eligible bidders for **Annual Maintenance Contract (AMC) of Computers and peripherals as per Annexure - I**
2. Interested eligible Bidders may obtain further information from Computer Centre, PUNJAB ENGINEERING COLLEGE (Deemed to be University), Sector 12, Chandigarh 160012, India.
3. The bidding document can be downloadable from institute website <http://www.pec.ac.in>.
4. All bids must be accompanied by an EMD as specified in the bid document and must be delivered to the office address mentioned below by the date and time indicated below.
5. Bids will be opened in the presence of Bidders' representatives who choose to attend on the specified date and time.

TABLE – 1

S. No.	Name of the Service	EMD INR	Performance Security Deposit (INR)
1	Annual Maintenance Contract (AMC) of Computers and peripherals as per list attached as Annexure - I	10,000/-	@ 10% of the value of the contract awarded

TABLE - 2 Time Schedule

I	Date of publication	16/02/2018
II	Downloading of e-tender document	Start date: 16/02/2018 End date: 05/03/2018
III	Date of submission of e-tender	Start date: 16/02/2018 End date: 05/03/2018
IV	Physical submission of EMD	Start date: 16/02/2018 End date: 05/03/2018
V	Opening of Technical Bid (online) and meeting for scrutiny of technical bid and declaring eligible bidders.	Date: 06/03/2018 10:30 A.M.
VI	Opening of Financial Bid of only eligible technically qualified bidder as determined by the Committee.	To be informed after checking eligibility of Bidders
VII	Place of opening of bids	Computer Centre PUNJAB ENGINEERING COLLEGE (Deemed to be University), Sector 12, Chandigarh 160012
VIII	Address for communication	Head, Computer Centre PUNJAB ENGINEERING COLLEGE (Deemed to be University), Sector 12, Chandigarh 160012

Important Notes:

I.	Bidders shall have to submit their bids on-line in Electronic Format with Digital Signatures.
II.	All terms and conditions, instructions to bidder regarding e-tendering process etc. may kindly be seen from the Detailed Notice Inviting Tender (DNIT) available on Chandigarh Administration website (http://etenders.chd.nic.in) or on the PUNJAB ENGINEERING COLLEGE (Deemed to be University), Chandigarh website (www.pec.ac.in).
III.	The bidder has to submit the original EMD in physical form.
IV.	The undersigned reserves the rights to reject or accept any or all tenders without assigning any reasons.

Director,
PUNJAB ENGINEERING COLLEGE
(Deemed to be University), Sector-12,
Chandigarh

**PUNJAB ENGINEERING COLLEGE (DEEMED TO BE UNIVERSITY),
CHANDIGARH
SECTION II
GENERAL TERMS AND CONDITIONS**

1. Tenderers are advised to study all technical and commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the tender document or submission of a bid not substantially responsive to the tender document in every respect will be at the tenderers risk and may result in the rejection of the bid.
2. The tenderer should indicate specifically the Basic Price, Taxes/Excise duty, other duties (if any) and levies chargeable. No additional information will be entertained after due date.
3. The tenderers should give their quote in Indian currency only keeping in mind that our institute (i.e. PUNJAB ENGINEERING COLLEGE (Deemed to be University)) is exempted from the payment of custom and excise duty. Only custom & excise duty exemption certificate will be issued.
4. The Bidders shall have to submit their Bids online in Electronic Format with Digital Signatures. For participation in the e-tendering process, the Bidders need to register themselves on <http://etenders.chd.nic.in/nicgep>. On registration, they will be provided with a user ID and a system generated password enabling them to submit their Bids online using Digital System Certificates (DSC).
5. Tenders without digital signatures will not be accepted by the Electronic Tendering System. No Tender will be accepted in physical form and in case, it has been submitted in the physical form only, it shall be rejected out rightly.
6. Bids will be opened online as per time schedule mentioned in e-tender notice (**SECTION I Table 2**).
7. Before submission of online bids, bidders must ensure that self-attested scanned copies of all the necessary documents as mentioned in SECTION III “Technical Bid” and SECTION V “Financial Bid” of this tender document have been uploaded with the bid, failing which their bids may be out-rightly rejected and will not be considered.
8. It is mandatory for all the bidders to upload all the documents mentioned under tender document.
9. Bidder is required to upload scanned copy of EMD as specified in the tender documents and send original along with other hard copies of desired documents to be sent in technical bid envelope.
10. The details of EMD and tender cost specified in the tender documents should be the same as submitted online (scanned copies) otherwise tender will be rejected.
11. The conditional bids shall not be considered and may be rejected out rightly in very first instance.
12. The financial bids through e-tendering of only those bidders shall be opened who will qualify in the technical bid criteria.
13. An affidavit as per specimen enclosed as Annexure – 2.2 of SECTION II should accompany the tender. The tenderer who has been black-listed or his/her tenders have ever been cancelled or any legal proceedings have ever been initiated/pending or any penalty has ever been levied on account of delay or non-completion of supply order by any State/UT/Central Government, his/her tender will be out rightly rejected.
14. Downloading and submission of Tender will be done by E-tendering process through the website of Chandigarh Administration <http://etenders.chd.nic.in/nicgep>.

15. **EARNEST MONEY DEPOSIT (EMD):** The Tender should be accompanied with Earnest Money as mentioned in the Table-1 of SECTION I to be paid in the shape of A/C payee demand draft/banker cheque/FDR/bank guarantee from any Commercial Bank in favor of Director, PUNJAB ENGINEERING COLLEGE (Deemed to be University) Chandigarh which shall be valid for 180 days. No firm/tenderer will be exempted from submission of EMD. The EMD deposited by the tenderer in respect of another similar tender will not be considered against this tender. Apart from submission of EMD in physical form, scanned copy of EMD duly attested and countersigned by the firms shall also be uploaded. The EMD of unsuccessful tenders will be refunded immediately after finalization/allotment of tender. No interest will be payable on the EMD. The EMD will be forfeited, if the tenderer withdraws his/her bid after submission of the Tender. Expression of Interest without the EMD shall be rejected.
16. **TECHNICAL BID:** The tenderer should submit scanned copy of documentary proof of his/her eligibility as mentioned in SECTION III “Technical Bid” of this tender document.
17. Financial Bid will be opened of only those bidders who qualify in the technical bid criteria through e-tendering process.
18. **FINANCIAL BID:** The financial bid (SECTION IV) shall be quoted by the bidder through e-tendering. The financial bid should contain rates only. The rates should be mentioned both in figures as well as in words. Any change in rate quoted by the tenderer afterwards will entail forfeiture of earnest money deposit, cancellation of tender and blacklisting of the firm.
19. The bid should not contain corrections or over writing.
20. **Performance Security Deposit:** The successful tenderer will have to deposit performance security @10% of the total value of tender awarded (Table -1 of SECTION I) within 15 days of issuance of purchase order by the competent authority to be paid in the shape of bank guaranty, from any scheduled bank in favour of Director, PUNJAB ENGINEERING COLLEGE (Deemed to be University) Chandigarh and the security deposited in connection with any other similar tender will not be considered against this tender. If successful tenderer fails to submit the requisite performance security deposit within prescribed 15 days, the contract awarded shall stand cancelled and earnest money deposit (EMD) deposited by the tenderer will be forfeited.
21. Tender received through e-tendering shall be opened online by the committee duly constituted by the authorities of PUNJAB ENGINEERING COLLEGE (Deemed to be University), as per schedule given in Tender Notice in the office of the Head, Computer Centre, and PUNJAB ENGINEERING COLLEGE (Deemed to be University) Chandigarh. In the event of date of opening of Tender being declared a holiday, the due date of opening of the Tender will be the next working day at the same hours.
22. Tender is nontransferable.
23. The bidder shall submit the hard copy of e-tender along with forwarding letter (Annexure - 2.1 of SECTION II) duly signed by the authorized signatory.
24. The Director, PUNJAB ENGINEERING COLLEGE (Deemed to be University) Chandigarh reserves the right to accept or reject any or all tenders without assigning any reason.

ANNEXTURE – 2.1

From

Subject: Submission of Tender for Annual Maintenance Contract (AMC) of Computers and peripherals as per Annexure -I

Dear Sir,

With reference to your above-mentioned notice inviting tenders, I/We hereby offer to **Annual Maintenance Contract (AMC) of Computers and peripherals as per Annexure –I** for PUNJAB ENGINEERING COLLEGE (Deemed to be University), Chandigarh.

I/We shall supply the Equipment's truly and faithfully as set forth in the terms and conditions of the tender document. I/We shall be responsible for all complaints as regards to the quality of product and in case of any dispute; the decision of the Director, PUNJAB ENGINEERING COLLEGE (Deemed to be University), Chandigarh shall be final and binding on me/us.

An A/C payee demand draft/banker cheque/FDR/bank guarantee No. _____ Dated _____ drawn on _____ intended for the prescribed amount of Rs. _____ (Rupees _____ Only) in favor of Director, PUNJAB ENGINEERING COLLEGE (Deemed to be University), Chandigarh, payable at Chandigarh is enclosed as earnest money as desired.

I/WE shall have no claim to the refund of earnest money / performance security prescribed against this tender in the event of my/our non-compliance of the contract, provided such contract is implemented within the period of validity of my/our tender.

I/We further understand that my/our earnest money shall stand forfeited in case of unsatisfactory supply of equipment's/service/violation of any term, or if I/We withdraw my/our tender at any stage during the period of validity. My/Our tender shall remain valid for a period of 120 days from the last date prescribed for submission of the tender against the above-mentioned notice. My/Our tender along with terms and conditions with relevant columns and annexure duly filled in under my/our attestation and with each page of the tender paper including the enclosed terms and conditions signed by me/us (in the capacity of sole owner/general or special attorney attached) is submitted for your favorable consideration.

I/We have read the terms and conditions carefully and have signed the same in token of our absolute and unqualified acceptance.

Thanking you,

Place

Yours faithfully,

Signatures
Date with stamp
& Full Address

ANNEXURE - 2.2

(To be furnished on non-judicial stamp paper duly attested by the 1st Class Magistrate or Notary Public)

AFFIDAVIT

I/We/ M/s _____ are registered Company/Ltd Company etc. as per Registration Certificate No. _____ issued by _____ having registered office at _____ and manufacturing/supply base at _____ do hereby declare and solemnly affirm that I/We have not been Black-listed, nor mine/our Tenders have ever been cancelled by any State/UT/Central Government or any partner or shareholder either directly or indirectly connected with or has any subsisting interest in the business of my/our firm nor any legal proceedings have ever been initiated/pending or any penalty has ever been levied due to delay of non-completion of work/service/supply order by any State/UT/Central Government or by any authority.

Place: _____

DEPONENT

Dated : _____

Verification

I/We do hereby solemnly declare and affirm that the above declarations are true and correct to the best of my knowledge and beliefs. No part of it is false and nothing has been concealed therein.

Place : _____

DEPONENT

Dated : _____

PUNJAB ENGINEERING COLLEGE (DEEMED TO BE UNIVERSITY), CHANDIGARH

**SECTION III
“Technical Bid”
SCHEDULE OF REQUIREMENTS**

TABLE 3 SCHEDULE OF REQUIREMENT

Sr. No.	Brief Description	Delivery Schedule	Bid Security In Rupees
1	Annual Maintenance Contract (AMC) of Computers and peripherals as per Annexure -I	21 Days	10,000/-

PRE-QUALIFYING CRITERIA

FIRST COVER TITLED as “Technical Bid” should contain the Self-attested scanned copies of following with consecutive Sr. No. :-

1. Name of the firm/organization & address Contact person name and telephone/ Mob. No./Fax. No./ on letter pad of the company/firm.
2. Earnest money deposit as mentioned in Point 15 of SECTION II of this tender document.
3. Bidder should have a turnover of at least Rs. 01 crores in the either of the last two financial years i.e. 2015-16 and 2016-17. Copies of audited financial statement shall be attached
4. Certificate of acceptance of terms & condition mentioned in Section II and Section VI of Tender Document.
5. The firm quoting for the AMC must have experience of at least two years of maintaining computers and peripherals in an Engineering College/ University/ Govt Organization or any other Organization, where at least 50 PCs and Servers are on AMC with the quoting firm. The token of proof to be attached.
6. The bidding firm should submit a copy of order from at least two customers for the maintenance of computers and other peripherals of the value of Rs. 3 lacs or more for the last two years i.e. 2015-16 and 2016-17.
7. The Firm should have their work and repair center at Chandigarh/Mohali/Panchkula.
8. The firm should consent to post two nos. of Resident Engineers at PEC.
9. Covering letter (Annexure 2.1 of SECTION II).
10. Affidavit of not being Black Listed (Affidavit as per **Annexure 2.2 of SECTION II**)

NOTE: All the above mentioned documents should be duly in order and are essential to qualify at Technical Bid Stage.

SECTION IV

FINANCIAL BID

SECOND COVER TITLED AS “FINANCIAL BID” CONSISTING OF

Financial (Price) Bid for **Annual Maintenance Contract (AMC) of Computers and peripherals as per Annexure –I** of PUNJAB ENGINEERING COLLEGE (Deemed to be University), Sector 12, is to be submitted online in excel sheet provided.

Notes:

1. Rate should be quoted in Indian Rupees only inclusive of Taxes/Levies as per Indian law.
2. Individual price of each item mentioned in annexure I is also to be uploaded. (Rate of tax included in the total price must be mentioned).

SECTION V

TERMS AND CONDITIONS OF CONTRACT

1. Terms & Conditions:

- i. The bidder should submit a consolidated price for all the items in Annexure – ‘I’ for AMC for a period of one year.
- ii. The AMC contract will be awarded for a period of one year, however the institute reserves the right to review the contract before the expiry period of 12 months depending upon the need for continuity.
- iii. The institute may extend the contract further after the expiry of contract for a maximum period of one more year or on quarterly basis on the approved rates and on the same terms and conditions. The AMC provider in that case shall have to certify that have not quoted at a price lower than being offered to the institute.
- iv. The institute reserves the right to withdraw/ add certain item(s) anytime during the contract period.
 - a. Deletion of goods: The amount obtained by multiplying unit price of each item being withdrawn by the quantity shall be subtracted from the total price.
 - b. Addition of goods: If more item(s) are to be added in the contract the amount obtained by multiplying unit price of similarly spec item(s) in the contract by quantity to be included shall be added to the total price.
- v. The contract will be awarded to the successful bidder(s) whose bid has been determined as the Lowest Commercial bid (L1).
- vi. If there is discrepancy between the unit price and the total price, which is obtained by multiplying the unit price with quantity, the unit price shall prevail and the total price shall be corrected unless it is a lower figure. If the supplier does not accept the correction of errors, its bid will be rejected.
- vii. Conditional bids shall not be accepted on any ground and shall be rejected straightway. If any clarification is required, the same should be obtained before submission of bids.
- viii. The AMC contract would be for the whole lot of equipment as a package and will not be for individual items. In case bidder do not quotes for an item, their quote will be summarily rejected.
- ix. The rate to be quoted should include the cost of repair, replacement and maintenance of various Computers/Peripherals/Cards/Parts for the items specified in the tender documents only. The AMC charges should cover replacement of printer head, hard disc, CD/DVD drives and picture tube/ LED/LCD panels.
- x. The rates quoted should in Indian currency (Rs.) and inclusive of all the taxes.
- xi. All the equipments available in various departments of PUNJAB ENGINEERING COLLEGE (Deemed to be University), Chandigarh are required to be maintained on as is where is. No additional charges would be paid for making the equipment functional.

- xii. The AMC will be comprehensive including periodic software maintenance by the resident engineer of the quoting party.
- xiii. There should not be any over writing and cutting/erasing etc on the bid sheet. If inevitable; the same should be authenticated by a person authorized by the bidding firm.
- xiv. The payments shall be made on quarterly basis after the successful execution of the maintenance work against bills submitted to this institution after obtaining a satisfactory report from Head, Computer Centre.
- xv. The successful bidder(s) shall have to provide Performance Security in the form of an unconditional Bank Guarantee (BG)/ FDR of an amount equivalent to 10 % of the total quoted price in the favor of Director, PUNJAB ENGINEERING COLLEGE (Deemed to be University), Chandigarh. This would be required at the time of signing the contract. This amount is refundable one month after the successful completion or expiry/termination of the contract.
- xvi. The successful bidder will have to sign a Service Level Agreement with the institute detailing the terms and conditions of tender document.
- xvii. The Tender should be valid for 120 days from the date of opening.
- xviii. All the tenders should be addressed to the Director, PUNJAB ENGINEERING COLLEGE (Deemed to be University), Sector 12, Chandigarh–160012.

2. Scope of Services under Maintenance Contract:

The Firm has to provide following services to maintain the equipment in good working condition:

- i. Unscheduled, on call, corrective and remedial maintenance service.
- ii. Replacement of defective & unserviceable parts, replacement of parts should be new parts of same make or model with equal or higher configuration in performance.
- iii. Cleaning of equipment like CPU Unit, keyboard, monitor and printer with vacuum cleaner as and when required.
- iv. Quarterly cleaning of virus on each system or as required.
- v. Backup machine should be provided in case repair needs more than usual down time of 72 hours.
- vi. Other related services essential for keeping the equipment in good working condition.

3. Preventive Maintenance:

- i. The Vendor shall undertake preventive maintenance of the goods under this Annual Maintenance Contract (in Annexure 'I') as and when required.
- ii. The Vendor shall provide, in Advance, a schedule, of mutually agreed date for preventive maintenance of the PC's & other equipment respectively, to the Head, Computer Centre PEC. It shall be the responsibility of the vendor to maintain a proper record for each Preventive Maintenance carried out by its Resident Engineer.

4. Up – Time Guarantee:

- i. If any of the goods is down for more than 72 hours continuously, at any of the site of the PEC, the Vendor shall provide a compatible back up with similar configurations at its own cost in the same place of site of PEC. If the Vendor fails to provide such back-up unit(s), as required by the PEC, the PEC shall have the right to hire/ repair the required goods from a Third Party and in that case the cost of hiring/ repairing, if any paid by the PEC, shall be deducted by the PEC from the Maintenance Fee Payable for that quarter.
- ii. The Vendor has to post two resident service engineers without any extra cost at the Computer Centre of PEC.
- iii. Maximum of two changes in the resident engineer will be allowed throughout the one year of contracted period. However, any other changes have to be with the mutual consent of both the parties.

5. Response Time & Resolution Time:

The Vendor shall ensure the response time for attending the complaint calls for Maintenance Services as given below:

Response Time	
PC's & other equipment	Within 4-8 hours from the time of registering of complaint.
Servers	Within 2-4 hours from the time of registering of complaint
Resolution Time	
PC's & other equipment	Max of 72 hours from the time of registering of complaint
Servers	Max of 12 hours from the time of registering of complaint

PERFORMANCE SECURITY FORM

(on Non-Judicial Paper)

BANK GUARANTEE BOND FOR PERFORMANCE WARRANTY

To

The President of India, through the Director
PUNJAB ENGINEERING COLLEGE (Deemed to be University)
Sector-12, Chandigarh-160012

Dear Sir,

Sub: _____

1. You, on behalf of President of India, have entered into a contract with reference No. _____ with _____ (herewith after referred to "as the contractor") for the development, fabrication and supply of (herein after referred to as stores) for the price and on the terms and conditions contained in the said contract.
2. In accordance with the terms of said contract the Contractor has undertaken to produce a Bank Guarantee for Rs _____ being 10% of (Rs _____) of the total value of the said stores supplied to you for the due fulfilment of its obligations to the President of India for due performance as per the contract during warranty period.
3. In consideration thereof, we happily expressly, irrevocably and unconditionally undertake and guarantee as principal obligors on behalf of the contractor that in the event that the President of India submits a written demand to us that the contractor has not performed according to the contractual obligations included in the said contract, we will pay you on the written demand, without demur and without reference to the contractor any sum up to a maximum amount of Rs. _____ (Rupees. _____). Your demand shall be conclusive evidence to us that such repayment is due under the terms of the said contract. Payment by us to you will be made within (30) days from receipt of your written request making reference to this guarantee and on demand.
4. This guarantee shall not be revoked without your express consent and shall not be affected by your granting any indulgence to the contractor, which shall include but not be limited to postponement from time to time of the exercise the same in any manner at any time and either to forbear or to enforce any covenant continued or implied in the said contract or any other course remedy or security available to you, and our Bank shall not be released from its obligations under this guarantee by your exercising any of your rights with reference to matters aforesaid or any of them or by reason of any other indulgence shown by you or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving our bank from its obligation under this guarantee.
5. Notwithstanding anything herein contained, our liability under this guarantee is restricted to Rs. _____ (Rupees. _____), and the guarantee shall remain in force up to and including the _____ day of being reported to us by you returned to us duly discharged.
6. Unless a demand or claim under this guarantee is made on us in writing on or before the aforesaid expiry date as provided above or unless this guarantee is extended by us all your

rights under this guarantee shall be prescribed and we shall be discharge from the liabilities hereunder.

7. This guarantee shall not be affected by any change in the constitutions of our Bank or of the contractor or for any other reason whatsoever.

We, Lastly undertake not to revoke this guarantee during its currency except with the prior consent from your office in writing.

Not with standing anything contained herein:

- i. Our liability under this Bank Guarantee shall not exceed Rs. _____ (Rupees. _____).
- ii. This Bank Guarantee shall be valid up to _____ .
- iii. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before

This Bank Guarantee shall be returned to our _____ Name of the Bank Branch at _____ Office Address, once the purpose of the issuance has been fulfilled or upon expiry of this guarantee whichever is earlier. Even return of Original Bank Guarantee is essential for invoking the guarantee with specific request letter from the beneficiary.

Witness: _____, Signature _____

Witness: _____, Signature _____

For _____ Bank

For _____ Bank

Authorized Signatory

Authorized Signatory

Annexure 'I'

Item	S.No.	Brief Specifications	Model & Make	Quantity
Server/ Workstation/ Thin Client	1	Intel Xeon E 5504 @ 2.0 GHz, 4 GB RAM, 3 x 72 GB HDD, RAID Controller, 17" TFT, 8x DVD ROM	HP ML 350	01
	2	Intel Xeon, 8 GB RAM, 500 GB HDD, 24" LCD/TFT,	HP-Z 820	01
	3	Intel Xeon MP E7310 1.6 GHz, 4 MB Cache, 1066 MHz FSB Quad Core, Intel 7300 Chip set, 8 GB 667 MHz DDR2 FBD RAM, 6 x 72 GB HDD, 4 port SAS RAID Controller with 256 MB cache	HP/ DL580 Server	03
	4	Intel Xeon Quad Core E3 1220 V2, 3.1 GHz, 8 MB Cache, 2 TB SATA	HP ML 10	01
	5	Intel Xeon @ 3.0 GHz, E205, 4 GB RAM, 500 GB HDD, 24" TFT	HP LP 4600 W/s	02
	6	Intel Xeon @ 3.0 GHz, E205, 8 GB RAM, 500 GB HDD, 24" TFT	HP LP 6600 W/s	01
	7	Intel Xeon @ 3.6 GHz, GB RAM, 500 GB HDD, 24" LCD/TFT,	HP Z 420 W/s	01
	8	Xeon 5620 @ 2.0 GHz, 2 GB RAM, 500 GB HDD, 17.5" TFT	IBM Server X3400	01
	9	Intel Xeon E5504, 2.0 GHz, 2 GB RAM, 600 GB HDD, 64 Bit, TFT 19" Monitor	HP Server	01
	10	Intel Xeon W 3565 Processor 3.2 GHz, 8 GB RAM	HP W/s HPZ Series	01
	11	Xeon Processor 2.13 GHz, DL180GC Proliant, 2 GB RAM, 300*3 HDD, 18.5" TFT	HP	02
	12	ML 350E Gen 8, 1 TB HDD, 2 GB RAM, Xeon Processor Hexa Core, C 600 Chipset, integrated RAID Card	HP ML 350E	01
	13	Server Xeon Processor 3 GHz, 1 GB RAM, 500 GB HDD	HCL	01
	14	HP Server for 2 GPU, Cuda Processor, 20 GB RAM, 1 TB HDD	HP	01
	15	Rank Mountable Server	HP DL 180E	03
	16	Mac Pro 2.8 GHz, 3GB RAM, 1 TB HDD, 27" LED Cinema Display	Apple	01
	17	Workstation Z600, 2.4 GHz, 4 GB RAM, 1 TB HDD	HP	05
	18	P4, 2.4 GHZ, 845E Chipset, 512 MB RAM, 1GB*2 HDD SCSI-III, 17" Color Monitor	IBM Server	01
	19	SAN System 12 TB usable capacity on 7.2 K RPM SATA II Drive	HP SAN Storage	01
	20	8 Port KVM Switch, 19" LCD Monitor		01
	21	HP Thin Client		03
	22	Thin Clients, 18.5" TFT	Acer	10
	23	Thin Clients, 18.5" TFT	HP, HIYA29AA	20

Item	S.No.	Brief Specifications	Model & Make	Quantity
Desktop	1	Core 2 Duo @ 3.0 GHz, E8400 6MB L2 Cache, 2 GB DDR2 RAM, 250 GB HDD, 17" TFT Monitor	HP DC 7000	08
	2	Core 2 Duo, 512 MB RAM, 80 GB HDD, 17" Color Monitor	HCL	08
	3	Core 2 Duo, E8400, 3 GHz, 2 GB RAM, 300 GB HDD	HCL	02
	4	Core 2 Duo, 160 GB HDD, 2 GB RAM, 15" TFT/LCD	HP	19
	5	Core 2 Duo 3.06 GHz, 2 GB RAM, 320 GB HDD, 17.5" TFT	HP	10
	6	Core 2 Duo, 80 GB HDD, 1 GB RAM, 17" TFT	HP	01
	7	Core 2 Duo, E7600, 3.06 GHz, 2 GB DDR2 RAM, 320 GB Serial ATA HDD, 18.5 inch TFT Digital Colour Monitor	HP DC 3000/3090	91
	8	Core 2 Duo, 2 GB RAM, 150 GB HDD, TFT	HPdx2480 MT	01
	9	Core 2 Duo, 14" TFT Monitor	HP DX 2000	03
	10	Core 2 Duo @ 2.50 GHz, 2 GB RAM, 250 GB HDD, 20" LCD	Apple	10
	11	Core 2 Duo, 2 GB RAM, 250 GB HDD, 18.5" TFT	Wipro	02
	12	Intel V Pro, 48.3 cm TFT	HCL	10
	13	Intel Core I5 @ 3.20 GHz, 2 GB RAM, 500 GB HDD, 17.5" TFT	Dell Opti Plex 990 MT	13
	14	Intel Core I5-2400, 3.1 GHz 2 GB DDR3 RAM, 320 GB HDD, 18.5 inch TFT/LED Digital Colour Monitor	HP 2400	25
	15	Intel Core I5, E7600, 3.06 GHz, 2 GB DDR2 RAM, 500 GB Serial ATA HDD, 18.5" TFT Digital Colour Monitor	HP 8100/8200/8300 MT Series	93
	16	Intel Core I5, 3.2 GHz, 2GB RAM DDR2, 320 GB HDD, 17" TFT Monitor	HP Compaq 8100 Elite	04
	17	I5 3.1 GHz, 1 TB HDD, 4GB RAM, 22" LCD	Apple	08
	18	I5 2.9 GHz, 1 TB HDD, 8GB RAM, 22" LCD	Apple	07
	19	Intel Core I5, 3.2 GHz, 4 GB RAM, 500 GB HDD	HP 406 GI MT	02
	20	I7 @ 3.20 GHz, 1 TB HDD, 4 GB RAM, 18.5" TFT	Dell	01
	21	I7, 3.0 GHz, 4 GB RAM, 500GB HDD, 18.5" LED Monitor	Wipro	03
	22	Core I3, 2 GB RAM, 500 GB HDD, 15.5" LED Monitor	Dell Vostro C33	01
	23	I3 @ 3.06 GHz, 4 GB RAM, 500 GB HDD, 22" LCD	Apple	06
	24	P4, 2GB DDR2 RAM, MIS Card Graphic (in built), 17" Monitor	HCL DL 7900	04
	25	P4 3.0 GHz, 512 MB RAM, 40 GB HDD, Combo Drive 52X, 17" color monitor	HCL	04
	26	P4, 256 MB SD RAM, 40 GB HDD, 15" Color Monitor	HCL Infiniti	04

Item	S.No.	Brief Specifications	Model & Make	Quantity
Desktop	27	P4, 1.5 GHz, 256 MB RAM, 40 GB HDD, 52x CD-ROM, 17" color Monitor	HCL Infinity Plus	02
	28	P4, 1.8 GHz, 256 MB RAM, 40GB HDD, 52x CD-ROM, 15" Color Monitor	HCL	01
	29	P4 3.0 GHz, 512 MB RAM, 80 GB HDD, 15" LCD	Lenovo	04
Laptop	1	MacBook Pro 13 inch Retina Core I5 2.7 GHz/8GB/256GB/Iris Graphics 6100	Apple	02
	2	I5, 2 GB RAM, 500 GB HDD, 15" TFT	Lenovo Thinkpad	01
	3	Intel Core I7 @ 2.5 GHz, 4 GB RAM, 500GB HDD, 14" TFT	Wipro	02
	4	Intel Core 2 Duo @2.5GHZ T9300,250 GB HDD, 15.4" TFT, 8x DVD Writer	Lenovo Thinkpad T Series	01
	5	Intel Core 2 Duo with T8400 chipset	Lenovo Thinkpad R500	01
	6	Core 2 Duo	IBM SL 500	01
	7	Core 2 Duo 1.66 GHz, T2300 Series, 40 GB HDD, 14" TFT, 52x CD-ROM	IBM Thinkpad R 61	05
	8	P4 1.8 GHz, 256 MB DDR2 RAM, 20 GB HDD, DVD 8X, 14.1" TFT Color Screen	IBM ThinkPad	01
	9		Wipro	01
Printers/ Scanners	1	Colour Laser Printer	HP CM1312 NF mfp	01
	2	Colour Laser Printer	HP CM1415 FN MFP	01
	3	Colour Laser Printer	HP 2605 dn CP	01
	4	Colour printer, One Sided	DTC Printer Fargo	01
	5	Colour printer, Two Sided	DTC 1250e Printer	01
	6	Laser Printer	Canon 4820D	01
	7	Laser Printer	Canon 6230dn	01
	8	Laser Printer	HP M 202 DW	08
	9	Laser Printer	HP M226 DN	04
	10	Laser Printer	HP 1005	28
	11	Laser Printer	HP 1007	20
	12	Laser Printer	HP 1020/ HP 1022	39
	13	Laser Printer	HP 1160	01
	14	Laser Printer	HP 1213nf	01
	15	Laser Printer	HP 1320	11
	16	Laser Printer	HP 1505	17
	17	Laser Printer	HP 1606dn	54
	18	Laser Printer	HP 2015 dn	02

Item	S.No.	Brief Specifications	Model & Make	Quantity	
Printers/ Scanners	19		Epson M 2071	01	
	20		HP 2605 dn	01	
	21	Laser Printer	HP 3005 dn	01	
	22	Laser Printer	HP M5035	01	
	23	Laser Printer	HP 9040 DN	02	
	24	Laser Jet	Samsung	01	
	25	Laser Printer	Konica 1580 mfp	01	
	26	Laser printer with Fax	HP 3050 mpf	01	
	27	Printer, Scanner, Copier, Fax	HP M1522nf	01	
	28	Multi-Function Printer	Canon 226dn	02	
	29	Multi-Function Printer	HP	10	
	30	Multi-Function Printer	HP 476dw	02	
	31	Multifunctional Office Machine	Samsung SCX 4833 FD	02	
	32	Laser Jet	Samsung ML 1676p	01	
	33	Line Matrix Printer	Wipro WAP P7-500	01	
	34	Color, Inkjet	Canon 205 mfp	02	
	35	Monochrome Inkjet	Epson M205 MFP	20	
		1	Scanner	HP 2400	06
		2	Scanner	HP Scanjet 3000	01
		1	8x	DVR RW	06
UPS	1	40 KVA	Hitachi	01	
	2	6 KVA with 4 hours backup	APC	01	
	3	6 KVA Online	Emerson	01	
	4	5 KVA Online	Emerson	01	
	5	3 KVA Online	Emerson	06	
	6		Autoronica	01	
	7		Aplab	02	
	8		Numeric	01	
	9	2 KVA Online with 2 hours backup	Emerson GXT-MT-LB	26	
	10	2 KVA	Uniline	02	
	11	Online 2 KVA	Numeric	01	
	12	1 KVA	APC	03	
	13		Integrated	01	
	14		Tata Liebert	05	
	15	600 VA	APC	25	
	16		Elnova	01	
	17		Numeric	02	
	18		Prostar Plus	01	
	19		Supercomp	03	

Item	S.No.	Brief Specifications	Model & Make	Quantity
	20		Uniline	10
	21	625 VA	ITON 600	70
	22	500 VA	Autoronica	03
	23		APC	01
	24		Uniline	17
	25		HCL	01
	26	500 VA with AVR		01