

Tender Document

Annual Maintenance Contract of

Campus Wide Networking (CWN)



डॉ बी आर अम्बेडकर राष्ट्रीय प्रौद्योगिकी संस्थान जालंधर
Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
G T Road By Pass, Jalandhar – 144011, Punjab (India)



Annual Maintenance Contract of Campus Wide Networking (CWN)
Dr B R Ambedkar National Institute of Technology, Jalandhar

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e-TENDER NOTICE - NITJ/PUR-I/CC/165/16/e-Tender No. 27/2016

Last Date for Submission of Online bids : 20.12.2016 upto 05:00 PM

Date of Opening of Online Technical bids : 21.12.2016 at 11:00 AM

e-Tenders are invited in two bid system from the suppliers/ service providers for Annual Maintenance Contract of Campus Wide Networking (CWN) of NIT, Jalandhar . The detailed tender document, eligibility criteria, terms & conditions can be downloaded / seen at website of Institute www.nitj.ac.in or www.tenderwizard.com/NITJ

Only e-tenders will be accepted. For more details/clarifications the Bidders may contact Mr. Vijay Kumar on behalf of M/s ITI Limited on mobile No. 8146699878 or e-mail:vijay@etenderwizard.com

Registrar

THIS DOCUMENT IS FOR REFERENCE ONLY. ONLY E-TENDERS WILL BE ACCEPTED

e-TENDER NOTICE - NITJ/PUR-I/CC/165/16/e-Tender No. 27/2016

e-Tenders are invited from the suppliers/ service providers for Annual Maintenance Contract of Campus Wide Networking (CWN) of NIT,J campus . The detail schedule is as under:

I	Downloading of e-tender document	Start Date: 29.11.2016 at 03:00 PM End Date : 20.12.2016 upto 05:00 PM
II	Date of submission of e-tender	End Date : 20.12.2016 upto 05:00 PM
III	Physical submission of Tender Fee and EMD	End Date: 20.12.2016 upto 05:00 PM
IV	Opening of Technical Bid (online)	21.12.2016 at 11:00 AM

Detailed Terms and Conditions are available in e-tender document. The bid document can be downloaded from the website of www.tenderwizard.com/NITJ.

Complete tender document is available for reference purposes on Institute website www.nitj.ac.in. Only e-tenders will be accepted. For more details/clarifications the Bidders may contact Mr. Vijay Kumar on behalf of M/s ITI Limited on mobile No. 8146699878 or e-mail:vijay@etenderwizard.com and if facing problems, the following helpline are available:

Chandigarh Helpline: 0172-3934667, 9257209340, 8054628821

Mr. Rajesh Gaur :8146699894 , Delhi Helpline -011-49424365

Tender Detail, Tender Fee & EMDs is as under:

Name of Work	Estimated Cost	Tender Fee	EMD	Tender Processing Fees (ST Extra)
AMC of Campus Wide Networking	Rs. 14,25,000/-	Rs. 1000/-	Rs.28,000/-	Rs.1100+ ST Extra

Important Note

1. All corrigenda, addenda, amendments and clarifications to Tender Specifications will be hosted in the website www.nitj.ac.in and not in the newspapers. Bidders shall keep themselves updated with all such developments.
2. In case the last date of receipt/opening of bids falls on holiday, the bids shall be receipt/opened on the following working day at same time.
3. Tenderer who have downloaded the tender document form from the institute website shall submit a declaration along with tender document that I/We have downloaded the Tender Form from the institute website www.nitj.ac.in and I/we have not tempered /modified the tender form in any manner. In case, if the same is found to be tempered/modified in any manner, I/we understand that my/our tender will be summarily rejected and I/we are liable to be banned from doing business with institute.
4. Tender fee of Rs.1000/- (Non- refundable) along with EMD amounting to Rs. 28,000/- (Rupees Twenty Eight Thousands only , Refundable) in the form of DD favoring Director NIT Jalandhar be submitted as per dates mentioned in schedule. The Processing fee for will paid through online mode only to M/s ITI Limited, New Delhi.



2. Eligibility Criteria

1. Bidder must have at least 2 to 3 years experience in the field of Campus Wide Network installation, commissioning and maintenance.
2. The bidder should be a registered firm in India, having C.S.T /VAT/PAN/TIN/ Service Tax etc .
3. Minimum Turn over should be 50 Lacs in the last 3 (Three) consecutive years.
4. Balance sheet to be attached for the last three years (2013-2014, 2014-2015, 2015-2016).
5. Must have executed minimum 2 to 3 year Annual Maintenance Contract of Campus Wide Networking projects costing not less than Rs. 8 to10 Lacs in large Organizations with at least one or two project in educational institutions having a large campus with Fiber Optic Network Backbone & end user wireless connectivity.
6. The bidder should submit a technical capability document describing the relevant facilities and resources available with them along with a list of technically qualified and certified engineers for Campus Wide Networking.
7. The bidder should be certified for network integration (for both wired and wireless) Copy of Certification should be uploaded.
8. The bidder should have demonstrated experience in Campus Wide Networking.
9. The Participating System integrator must be the Authorized Partner of the Active Components OEM make and should produce a Letter of Authorization from the OEM. Any bids without the same would be rejected on the spot.
10. The Authorized Partner should have Networks Certified Engineer on their role to ensure best Support to the Institute.

(Kindly Attach Proofs failing which the technical bid will not be considered).



3. Technical Bid

1. Name, complete address of the Firm/Agency with telephone No., Fax No. & Email.

2. Location of Head office with complete address, with telephone No. Fax No. & Email.

3. The agency should attach the following up-to-date clearance certificate.

- a) Duly acknowledged copy of Income Tax return filed during the previous financial year.
- b) PAN Number and TIN (Tax Identification No.).
- c) Service Tax Number and duly acknowledged copy of Service Tax return filed during the previous financial year.
- d) TAN (TDS Account Number).

4. Cost of Tender Fee.

- a) Bank Draft/Pay Order No. _____
- b) Date of Issue of BD/PO _____
- c) Name of the issuing authority _____

5. Earnest Money Deposit (Amount _____)

- a) Bank Draft/Pay Order No. _____
- b) Date of Issue of BD/PO _____
- c) Name of the issuing authority _____

6. Annual Turnover for the last three years

- a) 2013-14 _____
- b) 2014-15 _____
- c) 2015-16 _____



7. Please specify as to whether tenderer is a sole Proprietor/Partnership firm. Name, address and telephone No. of Director/Partner be given.

8. Name and Designation of Coordination Person_____

9. Address of service center in Punjab/Jalandhar with Landline Phone No.

Mobile No. _____ and Fax No. _____

Website and e-mail address _____

10. Does the firm possess ISO Certification/any other accreditation : Yes/No (**Proof be attached**) If Yes; give details with year of certification _____

11. Years of operation _____

- a) Campus Wide Networking Maintenance _____yrs
b) Other Networking related business _____yrs

12. Yearly turn-over 2013-2014, 2014-2015, 2015-2016

- a) Maintenance _____
b) Other activities _____
c) Total _____

13. Support staff and qualifications

- a) No. of Qualified Hardware Engineers _____
b) No. of Qualified Software Engineer _____
c) Others _____

Proof and detail to be attached_____



14. Details of Training facilities _____
15. Details of Testing & Repair Center (TRC) facilities _____
16. Enclose list of major clients preferably in Govt./Public Sector in Punjab & Other states
(Enclose list with Contact Person & Phone, email IDs and duration of contract)
17. Whether the firm is black-listed by any Govt. Agency/Institute of National Importance/ University? Yes/No (**Give a self attested for the same**)
18. Any other information of importance _____



4. Terms and conditions of AMC for Campus Wide Networking Maintenance (CWN)

1. The contract will be awarded initially for a period of one year. However, the same will be extendable on year-to-year basis for the maximum additional period of two years provided the institute finds the services satisfactory. In case of exceptionally good services, the term can be further extended for additional two years on year-to-year basis under similar terms and conditions.
2. Maintenance service shall consist of onsite preventive and corrective maintenance of Campus Wide Networking and will include supply and replacement of all Active, Passive parts/component.
3. The firm shall depute its one qualified graduate service engineer during (working hours (8.00 AM – 6.00 PM) in the Institute for attending day-to-day complaints. In the event of services required after office hours or on holidays the firm should be prepared to provide services with no extra charges.
4. A register will be maintained by the resident engineer of the firm for booking the complaints and keeping record of the uptime of the CWN. A system for registering complaints needs to be developed and maintained by the vendor and to be certified by the Head Computer Centre of the Institute.
5. In case an Active and Passive is being taken for servicing to service center, the firm will provide a stand by equipment and will take prior permission of the Head Computer Centre/Central Store of the Institute before taking the equipment out. Cost of transportation and insurance of equipment will be born by the firm.
6. The firm will honor complaints logged by phone/ email/fax/post or any other mode of communication. Counting of down time will start from the time of logging the complaint and will continue till the CWN properly repaired and a certificate to the same effect is obtained from the user.
7. The firm will ensure 99% up time of all the CWN under AMC (placed at NITJ). For each 1% deficit in guaranteed up time, 2% deduction in the AMC amount will be made.
8. The firm shall maintain all the equipment/items satisfactorily till the end of the AMC tenure and handover all inventory in good working condition to the next vendor/institute, in case the AMC is not extended or is terminated.
9. The selected firm will not involve third party in implementation of services under this AMC.
10. In case the successful bidder refuses to accept the award, his EMD will be forfeited and the next bidder may be awarded the AMC.



11. The firm selected will not be allowed to exit from the agreement of AMC. In case they do so, the security would be forfeited.
12. Only those bidders who fulfill the terms and conditions given in the tender document will be considered for bidding.
13. The Director NIT, Jalandhar reserves the right to cancel the Contract at any time without assigning any reason.
14. Desired Qualification of Resident Engineer.
 - a) The resident engineer should be network qualified graduate engineer / network certificated from recognized institutions in with minimum of 3 years experience. He has to submit attested copies of qualifications and experience to Institute.
 - b) Trainee engineers will not be counted as part of resident engineers. The maximum. no of trainees should not exceed more than 2 per qualified engineer.
 - c) In case of pending/high workload, the firm will depute additional engineers to clear the backlog to maintain the uptime of the CWN.
 - d) Additional engineers may be network qualified diploma holders in computer science / technology with minimum of 3 years experience who may be called in case of higher workload.
 - e) The details of resident engineers posted at NITJ should be provided in advance with duty schedule to the computer center. No resident engineer should be changed/relieved of duties without prior notice of at least one week to NITJ.
 - f) No resident engineer will leave or avail leave till the reliever reports for duty.
 - g) All the resident engineers should carry and display the identity card with photograph provided by the vendor. No Resident engineer will be allowed to enter NITJ sites without proper identity cards as above.
 - h) The resident engineers should report to duty on time and late attendance will be marked as absent, and an amount equivalent to $1/\text{Total No. of Resident Engineers} \times \text{total value of AMC for CWN}$ will be deducted from the AMC bill.
15. Each resident engineer should report to the computer centre for duty as per the duty schedule, as well as keep track of complaints register to discharge the AMC duties efficiently. He will carry the call report book & a cell phone in proper working condition, provided by tenderer for receiving and responding to the complaint calls. The resident will also maintain a record of repair/ replacement of



parts with complete details. In case of replacement of equipments (due to non repair) vendor has to issue a certificate for replacement giving reasons. A copy of the certificate needs to be sent to Centre Stores in the Institute.

16. The tenderer must ensure 99% uptime for LAN. The uptime shall be calculated as follows:

$$\text{Uptime} = \frac{\text{No. of LAN available hours in month}}{\text{No. of total working hours in a month}}$$

17. All network component level complaints are to be rectified / replaced within 6 hours of the complaint. Otherwise a penalty of 3% of the bill amount will be charged. This will be in steps of 3% after every 24 hours or part thereof up to maximum of five working days after which the order will be cancelled and the job got done through alternate vendor at the risk and cost of defaulting tenderer. Penalty amount will be recovered from the security deposit of the tenderer and/or any payment pending with NITJ. The defaulter has to replenish the amount deducted from the security deposit, to get further job order.
18. In addition a penalty of 3% of the bill amount will also be applicable every percentage drop in uptime below 98% on quarterly basis.
19. Contractor should have ample ducts and other infrastructure to have the work running. At no time the work will be left undone/incomplete for lack of items at any location. Each job performed by the tenderer will be checked for acceptance. If any particular job is to be done again, then it will be done at the cost of the tenderer.
20. The tenderer should properly label all the network Active and Passive component of the CWN, name of the equipment, configurations, serial no, location, etc. The tenderer will inform in writing before any change of network component is done or any relocation of the same within network, and the vendor should provide the updated details of device / line list accordingly.
21. Adequate spares/stocks of (active and passive parts of CWN) like switches, connectors, cables, fiber module and other components etc. to keep the networking up, be stocked and should be maintained at NITJ by the tenderer.
22. The tenderer should maintain the proper handshake of heterogeneous CWN.
23. The tenderer should update the switches operating system, wireless access point and NMS time to time.
24. The tenderer will take all necessary steps for the preventive maintenance, regular check-ups, fixing loose connections, proper adjustments/tuning/fine tuning on the basis of standard specifications thus ensuring satisfactory performance and maintenance of proper lock and keys for network components on regular/daily basis.



25. The tenderer will submit a Quarterly report to the computer center, stating the complete list and status of node level, core switch, switches and component level wellbeing of the computer network from the users failing which the bills will not be considered by the concerned section for processing. The tenderer has to attend the quarterly review meeting at Computer Centre NITJ.
26. The tenderer will create a network diagram and clearly indicate all the components and their locations with hard and soft copy. The tenderer will update the same every month and submit to the Computer Centre, NITJ.
27. The tenderer will place stickers on each equipment under warranty in the beginning of contract as well as time to time in future when new equipment are added under AMC.
28. NITJ reserves the right to modify and amend of the above-stipulated conditions/criterion depending upon Project priorities vis-à-vis urgent commitments.

5. Scope of work

1. The institute expects that the Participating OEM or its system integrator/ Authorized Partner Must be fully equipped and should have full OEM Support to ensure Trouble free support and up-keep of the running LAN Network at NIT Jalandhar Campus.
2. The Bidder must maintain due Spares for ensuring immediate support to the institute at any eventuality of Network Switches going bad/down.
3. The operating of the Core Switches/ other Switches and image file of the Assess points should be upgrade time to time.
4. The bidder must maintain as standby Switches in the following Qty:

Sr. No.	Name of the Equipment/Item	Qty.
1.	Distribution Switch (Summit X450a-24x, Extreme or equivalent)	01
2.	48 Port Manage Switch (Summit X150a-48t, Extreme or equivalent))	01
3.	24 port PoE Switch (Summit 300-24, Extreme or equivalent))	01
4.	Redundant Power Supply Unit for Core Switch BD8810 and etc.	02
5.	Fiber Module (Extreme or equivalent))	02
6.	IO/SMB (AMP or Equivalent))	10



5. The Bidder must place a Resident Engineer at NIT, Jalandhar to maintain the existing network and also ensure proper Technical Support to the institute.
6. The Bidder must ensure proper full support during 24x7 days basis. Bidder will provide the resident engineer in the campus on 8x5 basis.
7. The Spares have to be kept in institute under the custody of Computer Centre & Central Store of the Institute.
8. The Bidder will maintain proper Customer Call Reports Record for day to day activities being conducted by the Resident Engineer.
9. The Bidder's Senior Support Team must meet the institute Network Team and conduct a Monthly review with regards to support being offered by the Bidder and must maintain records of the same.
10. The Bidder will repair and maintain the cutting/damage of optical fiber cable laid down under CWN- (if OFC damaged/cut during the contract period.), maintenance of Fiber Optics cable including connector, UTP cable, coupling, connector panel, all patch cords and Terminators etc.,
11. The AMC for all the components above includes Active and Passive items and their software configurations/setup maintenance, switches configuration, NMS, Network Administration and repair/replacements. (Like loading OS, image file of wireless access point, S/w utility maintenance, VLAN etc.,)
12. The tenderer will submit a Quarterly report to the computer center, stating the complete list and status of node level, server level, and component level wellbeing of the computer network from the users failing which the bills will not be considered by the concerned section for processing.
13. The tenderer will create a network diagram and clearly indicate all the components and their locations. The tenderer will update the same every month and submit to the Computer Center, NIT Jalandhar.
14. In case of hardware replacement the bidder will configure the switches/Access point as per previous configuration.
15. In case of fault in fiber the bidder is responsible for digging of fiber, replacement of fiber, replacement of UTP, repairing, splicing and checking the fault.



6. Earnest Money Deposit (EMD)

The supplier has to submit EMD of Rs. 28,000/- (Rs. Twenty Eight thousand only) in favor of Director NIT, Jalandhar in the form of DD payable at Jalandhar. This EMD is a part of qualification criteria and have to be submitted with the tender document in a separate envelope. Tender received without EMD shall be summarily rejected.

6.1 The EMD made by the bidder will be forfeited if

- The bidder withdraws his tender before processing of the same.
- The bidder withdraws his tender after processing but before acceptance of “Letter of appointment” issued by NIT, Jalandhar.
- The selected bidder withdraws his tender before furnishing Security Deposit.
- The bidder violates any of the provisions of the terms and conditions of this tender specification.

6.2 The EMD will be refunded to

- The successful bidder – 3 months after award of the contract and satisfactory services within this period.
- The successful bidder - only after furnishing Security Deposit.
- The unsuccessful bidders – only after acceptance of the “Letter of Appointment” by the successful bidder.

6.3 Security Deposit

Security Deposit of Rs.50,000/- (Rs. Fifty thousand only) shall be submitted within 15 days from acceptance of the Letter of appointment. Director NIT, may also increase the amount of Security Deposit to any extent anytime during the period of contract at its sole discretion and such decision will be binding on successful bidder. The Security shall remain valid for a period of 60 days beyond the completion of contractual obligations.

The NIT shall be entitled and it shall be lawful on its part to forfeit the amount of Security Deposit in whole or in part in the event of any default, failure or neglect on part of the contractor in fulfillment or performance of the contract under reference in all respects satisfaction of the NIT.

The NIT shall be entitled to deduct from the amount of Security Deposit any loss or damage which the NIT may suffer or be put by any reason of or due to any act or other default recoverable by the NIT from the contract.

The losses recoverable by the NIT from the Security Deposit shall include all losses incurred by the NIT during the contract period on account of failure of Goods or delay in attending the Goods by the contractor during the AMC period as per stipulations of the contract. The Security Deposit will be returned to the contractor without any interest on performance and successful completion of the contract.

The security of the Firm will be released on the production of the NOC from Head Department of Computer Centre and Central Store of the Institute.



7. Termination of the Contract

The contract may be terminated in any of the following contingencies : 1.

On the expiry of the contract period, without any notice ;

OR

On giving three months notice at any time during the period of services, in case the services rendered by the Contractor are not found satisfactory and in conformity with the general norms and the standard prescribed for the services ;

OR

On assigning of the contract or any part thereof or any benefit or interest therein or there under by the Contractor to any third person for sub-letting the whole or a part of the contract to any third person, without any notice ;

OR

On Contractor being declared insolvent by the competent Court of Law without any notice;

OR

In case the Contractor is not interested to continue the contract subject to the condition that the Contractor shall give minimum three months notice. If the Contractor does not give the requisite notice as mentioned before, then his security deposit shall be forfeited and Bank Guarantee shall be encashed in proportion to the period falling short of the specified notice period ; “Provided that during the notice period for termination of the contract, in the situation contemplated above, the contractor shall keep on discharging his duties as before till the expiry of notice period”.

2. In the event or exigencies arising due to the death, infirmity, insolvency of the Contractor or for any other reason or circumstances, liabilities thereof of the contract shall be borne by the following on such terms and conditions, as the Director, NIT Jalandhar may further deem fit in public interest or revoke the contract, namely :
 - a) Legal heirs, in case of sole proprietor
 - b) Next partners, in the case of company or firm.
 - c) Otherwise the Director, NIT Jalandhar shall reserve the right to settle the matter according to the circumstances of the case, as he may think proper.
3. No party shall be allowed to be represented by the lawyer during any investigation enquiry, dispute or appeal.
4. The Courts at Jalandhar (Punjab) only shall have the jurisdiction for the purpose of this agreement.
5. In the event of any dispute or difference arising out of or in any way touching or concerning this agreement whatsoever (except as to matter the decision of which is specifically provided under this contract) the same shall be referred to the sole arbitration of the Director, NIT Jalandhar or his nominee on mutual agreement of both the parties.



6. The award of such Arbitrator shall be final and binding on the parties. In the event of such arbitrator to whom the matter is originally referred is being transferred or vacating his office or resigning or refusing to work or neglecting his work or being unable to act for any reason whatsoever the Director, NIT Jalandhar shall appoint another person to act as Arbitrator in place of the outgoing Arbitrator in accordance with the above said terms of the agreement and the person so appointed shall be entitled to proceed with the reference from the stage at which it was left by his predecessor. The Arbitration and Conciliation Act, 1996, which came into force on 25.01.1996 shall deem to apply to arbitration proceedings. The venue of the arbitration shall be Jalandhar.

8. Liabilities and Penalties

1. The Company/Agency shall perform all the assigned jobs to the satisfaction of the Institute and shall be liable for any loss or damage to Institute as stated herein:
2. The Company/Agency and its staff shall take required steps and precautions to preserve from loss, destruction, waste and misuse, the areas of responsibility given to them and not knowingly lend to any person or Company, any assets of the Institute under its control.
3. In event of any loss being caused to the Institute that is prima-facie on account of the negligence and/or dereliction of duties by the Contractor/ Company/Agency or its staff, a joint Committee comprising of representatives of the Institute and Company/Agency as approved by the Director, NIT Jalandhar shall determine whether the loss is on account of unsatisfactory performance of the Contractor/Company/Agency and in that case it will, also determine the compensation to be paid to the Institute by the Contractor/Company/Agency. The recovering mode from the Contractors/Company/Agency will be decided by the Joint Committee. The recommendations of the Joint committee will be subject to the approval of the Director, NIT Jalandhar or his nominee. Any penalty so settled should be deposited within 15 days with the institute by the company and the receipt to be deposited to the institute.
4. However, the Company/Agency will not be held responsible for the damages caused due to force de majeure.

9. Arbitration

Any dispute arising out of and in relation to this agreement has to be referred to arbitration. The Director or his representative will be the arbitrator to decide the disputes, if any, raised, The arbitration would be conducted and governed by and under the provisions of Arbitration Act 1996. Any legal dispute will be subject to jurisdiction of Jalandhar Courts and no other Court shall have the jurisdiction.



10. Last Payment

The last payment of the Company/Agency will be cleared only after ascertaining clearance of any liability pending with the Company/Agency.

11. Release of Security

The security of the Agency will be released on the production of the following documents:

- 1) Form 3A and 6A (Annual return of EPF) with proof duly received in the concerned EPF office.
- 2) NOC from concerned EPF office
- 3) NOC from concerned Labour Commissioner Office
- 4) EPF deposit slips of individual worker issued from concerned EPF office
- 5) The proof of service tax, any Govt. levy, deposits with Govt. etc.

We have read and understood the above mentioned Terms and Conditions and agree to abide by them in letter and spirit.

**Signature of Authorized Signatory
Company Seal/ Stamp**

Date:
Place:

Counter signatures of the Director NIT, Jalandhar



12. Financial Bid

The contract will be awarded initially for a period of one year. However, the same will be extendable on year-to-year basis for the maximum additional period of two years provided the institute finds the services satisfactory. In case of exceptionally good services, the term can be further extended for additional 2 years on year-to-year basis under similar terms and conditions.

The payment will be made in four equal installments at the end of every three months subject to services rendered satisfactory. The Payment of last quarter will be made subject to satisfactory performance at the end of quarter after deduction of penalty. The payment shall be released quarterly on satisfactory completion of assigned services .If calculation of penalty was not readily available, then 80% of the bill amount will be released provisionally.

The Supplier quote Sale tax/VAT/Service Tax whichever is applicable separately in his offer, failing which it will be presumed that the rates quoted are inclusive of all taxes. The TDS will be deducted as per rules. The form D is not issued by the institute.

The Tender shall remain valid for 90 days from the date of opening of tender.

(On the Letter head of the Supplier)

13. Price Schedule for Annual Maintenance Contract of Campus Wide Networking (CWN) Phase-I for one Year

Sr.No	Item Description	Total Maintenance charges for One year (In Rupees)
1.		

Signature of Bidder : _____

Name : _____

Address : _____

Place: _____

Date : _____



Annual Maintenance Contract of Campus Wide Networking (CWN)
Dr B R Ambedkar National Institute of Technology, Jalandhar

PROFORMA FOR PERFORMANCE STATEMENT

(For the Period of last 3 years)

e-Tender No. 27/2016

Date of Opening 21/12/2016

Sr. No.	Order placed (full address of Purchase)	Order No. & Date	Description and Qty. of Stores ordered	Value of Order	Date of Completion of delivery	Has equipment been satisfactory commissioned

Signature and seal of Manufacturer/Tenderer

DECLARATION

I _____ Son/Daughter/Wife of Sh. _____
_____ Proprietor/ Director, authorized signatory of the Agency/Firm, mentioned
above, is competent to sign this declaration and execute this tender document;

1. I have carefully read and understood all the terms and conditions and other instruction of the tender and undertake to abide by them;
2. The Information/documents furnished along with the above tender are true and authentic to the best of my knowledge and belief. I/We, am/are well aware of the fact that furnishing of any false information/fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law;

Dated:

Name:

Place:

Signature and stamp of the Agency/Firm

DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING PART IN TENDER.

Self Attested

I / We _____ (Tenderer) hereby declare that the firm / agency namely M/s. _____ has not been blacklisted or debarred in the past by Union / State Government or organization from taking part in Government tenders in India.

Or

I / We _____ (Tenderer) hereby declare that the Firm / agency namely M/s. _____ was blacklisted or debarred by Union / State Government or any Organization from taking part in Government tenders for a period of _____ years w.e.f. _____ to _____. The period is over on _____ and now the firm/company is entitled to take part in Government tenders.

In case the above information found false I / we are fully aware that the tender/contract will be rejected / cancelled by Director, NIT Jalandhar, and EMD / SD shall be forfeited.

DEPONENT

Self Attested:

Name _____
Address _____

14. Details Items of Active and Passive Components**14.1 Active Components**

S.No.	Name of the Items	Configuration	Qty.	Model
1.	Core Switch	Core Switch with 9-slot Chassis, 24 Port SFP slots, 48 Port 10/100/1000 BaseT, Redundant Power supply (Min. 800 W) Redundant switching engine, Fan tray with fans	01	Black Diamond BD8810
2.	Distribution Switch	20 Port 10/100/1000T with 4 SFP Manage Switch	04	Summit X450a-24x
3.	Distribution Switch	12 Port 1000X Fiber 10/100/1000 Manage Switch, Redundant Power Supply	02	Summit X450a-24t
4.	48 Port Manage Switch	48 Port 10/100/1000 with 2 SFP GBIC (Access Switch)	25+2	Summit X150a-48t
5.	24 Port PoE /Non POE Manage Switch	24 port 10/100 with 2 SFP (Access Switch)	38+9	Summit 300-24
6.	Wireless Access Points	Altitude – 300	21	Extreme
7.	LX Gbic Fiber Modules	1000 Base LX Modules	67	Extreme
8.	NMS S/W	NMS System for Proactive Network Management	01	Extreme Epicenter



14.2 Passive Components

S.No.	Name of the Items	Configuration	Qty.	Model
1.	Passive Copper Components (CAT-VI)	1. Information outlets / Single face Plate/SMB 2. 7ft Workstation/Equipment Cords 3. 24 Port CAT-VI Patch Panel 4. 3 ft Workstation/Equipment Cords 5. CAT-VI Cable(305 mtr one Box)	1850 1850 88 1925 290	Tyco AMP
2.	Fiber Components	1. 6 Core SMF 2. 12 Core SMF 3. SC Connectors/Pigtails (1m) 4. SC Duplex Coupler 5. Fiber LIU supporting Terminations upto 24 fibers 6. Fiber LIU supporting Terminations upto 12 fibers 7. SC-LC/SC Fiber Patch Cord (3m) 8. Blanks Panel 9. Transceiver Auto MDI/MDIX 10/100 BaseT to one 100 Base EX (SC- type, Single Mode) 10. Splices	4100 4400 494 528 09 30 68 65 100 210	Tyco AMP
3.	Networking Enclosures	1. 42 U Floor Mount Rack with Standard Accessories 2. 12 U Wall Mount Racks 3. 6 U Wall Mount Racks	02 15 38	Valrack
4.	PVC Conduit	PVC Conduit Channel (in mtrs)	21000	ISI
5.	GI Pipe	GI Pipe Laying (in mtrs)	501	ISI
6.	HDPE	HDPE Pipe Laying (in mtrs)	9000	ISI



(I) Details of Active and Passive Components

Sr. No	Department	Location	Model no.	Qty	Serial No. of switch	Remarks
1	Admin	Fabrication Unit Lab GF	Switch 150-48t	1	0802G-81159	
			Rack	1		
			UPS	1		
		Computer Lab 1 st floor	Switch D-link	1	DGS-121028	
			Switch 200-24	1	0714G-81322,,	
			LIU	1		
			Fiber Module	1		
		Admin Block 2nd Floor Electronics Department	Rack	1		
			UPS	2		
			UPS	1		
2	Lib	Library GF	Switch 200-48	2	0709G-80355	
			Switch 200-24	1	0714G-81341	
			Switch 200-24	1	0714G-81331	
			Rack	1		
			UPS	1		
			LIU	1		
3	WS	Workshop GF	Fiber Module	1		
			Rack	1		
			Switch 200-24	1	074G81337	
			Rack	1		
			UPS	1		
			LIU	1		
4	Bio	Biotech Department GF	Fiber Module	1		
			Switch 200-24	1	0714G-81338	
			Rack	2		
			LIU	1		
			Fiber Module	1		
			Switch 200-24	1		
5	Phys & Chem	Computer Lab	Fiber Module	1		
			Switch 200-24	1	0714G-81339	
			Switch 200-48	1	0708G-81946	
			Rack	3		
6	Mech	Computer Lab	LIU	1		
			Fiber Module	1		





7	Civil	Computer Lab	Switch 200-48 Rack	1	0708G-81923	
			LIU	1		
			Fiber Module	1		
			Switch 200-48	1	0708G-81924	
			Switch 460-24p	1	1407N40032	
			Rack	1		
			LIU	1		
			Fiber Module	1		
			Switch 200-48	2	0709G-80357, 0714G-81313	
			Rack	1		
			LIU	1		
			Fiber Module	1		
			Switch 200-48	1	0709G-80356	
			UPS	1		
			Rack	1		
			LIU	1		
			Fiber Module	1		
			Switch 200-48	1	0709G-80364	
			UPS	1		
			Rack	1		
			Fiber Module	1		
			LIU	1		
			Switch 200-24	1	0714G-81326	
			UPS	1		
			Rack	1		
			Fiber Module	1		
			LIU	1		
			Switch 200-48	1	0708G-81925	
			Rack	1		
			Switch 200-24	2	0714G-81355, 0714G-81356	
			Switch 150-48t	2	1347N41466, 0802G-81153	
			switch 200-24	2	0809G-81635, 0714G-81325	
			LIU	1		
			Fiber Module	1		
			Rack	2		
			LIU	1		

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15	Boys Hostel 4	Warden office	Fiber Module	1		
			Rack	1		
			UPS	1		
			Switch 200-24	1	0714G-81330	
			switch 200-48	2	0810G-81361,0810G-61364	
			Rack	1		
			UPS	1		
			Rack	2		
			LIU	1		
			Switch 200-24	1	0714G81324	
			Switch 200-48	1	0740G80309	
			Fiber Module	1		
			UPS	1		
			Rack	1		
			Switch 150-48t	2	0810G-81361	
			UPS	1		
			Rack	2		
			LIU	1		
			Fiber Module	1		
			Switch 150-48t	1	0810G81360,	
			switch 200-24	1	0714G81345	
			UPS	1		
			Rack	1		
			UPS	1		
			Switch 150-48t	2	0802G-81156,0802G-81155	
			switch 200-24	1	0809G81635	
			Rack	1		
			Fiber Module	1		
			Switch 150-48t	2	0810G-81351,0810G81350	
			UPS	1		
			Rack	2		
			UPS	1		
			LIU	1		
			Switch 450-24t	1	0649G-80369	
			External Power Supply	1		
			Fiber Module	4		
			Rack	1		

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20	Girls Hostel 2	Warden office	UPS	1		
			Switch 150-48t	1		
			Switch 450-24t	1	0714G81324	
			External Power Supply	1		
			Rack	1		
			UPS	1		
			Fiber Module	3		
			Switch 150-48t	1	0802G-81158	
			LIU	1		
			Rack	1		
			Switch 150-48t	1	0802G-81154	
			Rack	1		
			UPS	1		
			switch 200-24	1	0714G-81315	
			Rack	1		
			UPS	1		
			LIU	1		
			Fiber Module	1		
			Switch 200-24	1	0809G-81637	
			Rack	1		
			UPS	1		
			Fiber Module	1		
			LIU	1		
			Switch 200-24	1	0714G-81342	
			Rack	1		
			UPS	1		
			Fiber Module	1		
			LIU	1		
			Switch 200-24	1	0714G-81353	
			Rack	1		
			UPS	1		
			Switch 200-24	1	0714G-81343	
			Rack	1		
			UPS	1		
			Fiber Module	1		
			LIU	1		
			Switch 200-24	1	0809G-81636	

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24	B Block	B 10,11,12	Rack	1	
			UPS	1	
			Fiber Module	1	
			LIU	1	
			Switch 200-24	1	0714G-81346
			Rack	1	
			UPS	1	
			Fiber Module	1	
25	A Block	A 1,2,3,	LIU	1	
			Switch 200-24	1	0714G-81314
			Rack	1	
			Switch 200-24	1	0714G-81344
26	State office	State office	LIU	1	
			Fiber Module	1	
			Rack	1	
			UPS	1	
27	AA Block	AA	Fiber Module	1	
			LIU	1	
			Switch 200-24	1	0714G-81328
			Rack	1	
28	Guest House	Guest house (Kitchen)	UPS	1	
			Switch 200-24	1	0714G-81340
			External Power Supply	1	
			LIU	2	
			Fiber Module	2	
			Rack	1	
			LIU	1	
			UPS	1	
		Microprocessor Lab CS 103 GF	Fiber Module	1	
			switch 300-24	1	0652G-00296
			Rack	1	
			UPS	1	
		ISEA Lab CS 305 SF	Switch 200-24	3	0714G-81323,0714G-81312
			Rack	1	
			UPS	1	
			LIU	1	
		Research Lab CC 302 SF	Fiber Module	1	





29	IT park	Computer lab 2 CC 301 SF	switch 300-24	1	0652G-00290	
			switch 300-24	1	0652G-00295	
			UPS	1		
			Rack	1		
			UPS	1		
	Linux lab CS 204 FF		Switch 200-24	2	0714G-81327,0714G-81316	
			Rack	1		
			Switch 150-48t	1	0802G-81160	
			Switch 450-24t	1	0649G-80370	
			Switch 450-24x	1	0850G-81156	
	DATA center CC 202 FF		switch 450-24t	1	0649G-80367	
			switch 300-24	3	0652G-00293,0652G-00294,0652G-00289	
			Fiber Module	21		
			Rack 42 U	2		
			Wi-Fi	24		
			Core Switch 8810	1		
			Chassis fiber slot	1	G24X 41541	
			Chassis console port slot	2	MSM-48 41212	
			LIU	3		
			External Power Supply	2		
			Switch 450-24x	1	0173G-00418	
			External Power Supply	1	0706G-01303	
			LIU	2		
30	SAC	Sport activity complex	Rack	1		
			Fiber Module	9		
			Rack	1		
			Rack	8		
			LIU	2		
			Module	3		
			Switch x460-24p	1	1127G-81768	
					1138G80688,1138G-80687,1138G-80694,1138G-80693,1138G-80644,1138G-80695,1138G-80696,1138G-80663	
			Switch X350-24t (7E)	8		
			Controller	2		
33	Hostel MGA Girls					





			Switch	1	1050G-00894	
			Rack	1		
			LIU	1		
			UPS	1		
			Router	14		

Summary of Active components

Sr. NO.	Item Details	Make and Model No.	Qty
1	Core Switch	Extreme BD 8810	1
2	Distribution switch	Extreme 450-24x	2
3	Distribution switch	extreme 450-24t	4
4	Access Switch	extreme 150-48t	14
5	Switch Extreme	extreme x350-24t	8
6	Switch Extreme	extreme x460-24p	2
7	Access Switch	extreme 200-48t	13
8	Access Switch	Extreme 200-24t	31
9	Access Switch	Extreme 300-24	6
10	Fiber Module		69
11	Extrenal Power Supply	Extreme	6

Summary of Passive components

10	LIU	37
11	Rack	63
12	Rack 42 U	2

Note: - As per survey the above list for Active and Passive Components has been finalized with department details, as these equipments are only for maintenance purpose, as these installed equipments are the property of NIT Jalandhar and will remain in the custody of the particular department as mentioned in above list.

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