

ALLAHABAD MUNICIPAL CORPORATION

TENDER VOLUME -1

(Technical Bid)

Tender for Supply, Installation and Configuration of wireless network (including Operation and maintenance of existing network of Zonal offices through leased line) in premises of Office at AMC, ALLAHABAD, 1-Sarojini Naidu Marg, ALLAHABAD.

ISSUED TO :

Date of submission of Tender: 24 December 2011 (12:00 - 15:00 Hrs)

ALLAHABAD MUNICIPAL CORPORATION
1-Sarojini Naidu Marg, Allahabad.

VOLUME – I

Table of Contents

TOPIC.....	PAGE NO.
TENDER VOLUME -1.....	1
TABLE OF CONTENTS	2
NOTICE INVITING TENDER.....	3
ELIGIBILITY CRITERIA.....	4
FORM OF TENDER.....	7
MEMORANDUM.....	7
TERMS AND CONDITIONS OF THE CONTRACT	9
SUBMISSION OF TENDERS.	10
ACCEPTANCE OF TENDERS / BIDS.....	12
OPENING OF TENDERS	13
AWARD OF CONTRACT.....	14
EXECUTION OF WORKS.....	14
TERMS OF PAYMENT	16
WARRANTY & AMC.....	17
PENALTIES.....	19
VENDOR DETAILS	20
ARTICLES OF AGREEMENT	23
PERFORMANCE BANK GUARANTEE	26
LETTER OF INDEMNITY	28
TENDER VOLUME -2.....	29
BILL OF MATERIAL.....	30
GENERAL TERMS AND CONDITION.....	52

NOTICE INVITING TENDER

SUBJECT: Tender for supply, Installation and Configuration of Wireless Network including (Operation & Maintenance of existing network of zonal offices through leased line).

Allahabad Municipal Corporation, Allahabad (AMC), invites sealed tenders (2 bid system 'Technical & Financial') from only the original equipment manufacturers or their Authorized dealers for supply, Installation and Configuration of Wireless Network (including Operation & Maintenance of existing network of zonal offices through leased line) at head office of AMC Allahabad.

Tenders would be submitted duly sealed and super scribed "Tender for supply, Installation and Configuration of Wireless Network (including Operation & Maintenance of existing network of zonal offices through leased line) – Date on 24th December 2011. Tenders should be accompanied with Earnest Money of Rs. 47000.00/- in the shape of a CDR/NSC/FDR drawn in favour of the "Prabhari Adhikari Computer", Allahabad Municipal Corporation, Allahabad. Security Deposit @ 10% of the value of the contract is also required to be furnished within a week of acceptance of the tender.

Description of Work	Approx. Value	EMD	Cost of tender form
Supply, Installation and configuration of wireless Network, server, projector etc.	Rs. 23,50,000.00 Lakhs(Rs.Twenty Three Lakh Fifty Thousand only)	Rs. 47000.00 (Rs. Forty Seven Thousand only)	Rs. 1000.00 + 4% VAT = 1040.00 (one Thousand Forty only)
Date of opening 24 th Dec'2011(16:00 hrs).Tender notice/document is also available at Allahabad Municipal Corporation Website:http://www.allahabadnagarnigam.in .			
Note:			
1. Date of submission of Tender : 24 th December 2011 (12:00 15:00 hrs) at the office of "Prabhari Adhikari Computer", Allahabad Municipal Corporation , Allahabad.			
2. Detail terms & condition given in the tender documents. The tender which complies all the terms and conditions given in the tender documents are only eligible.			
3. Municipal Commissioner, Allahabad Municipal Corporation Allahabad reserves the right to accept or cancel any one or all tenders fully or partially without assigning any reason whatsoever.			
4. Any queries contact to Prabhari Adhikari Computer, P K Mishra +91 8765321955/ pradeepkumarmishra400@gmail.com			

Eligibility Criteria

2. Bidder who fulfills the following eligibility criteria only should submit the tenders.
- 2.1 Bidder should be registered in India.
- 2.2 Bidder should be OEM/Authorised Partner of the OEM.
- 2.3 In case the bidder is a authorised partner of the OEM then bidder shall submit a Manufacturer's Authorization Certificate specific to this tender from the major OEM's in the tender viz. OEM's of Server, Active and Passive Components, failing which the tender will be summarily rejected.
- 2.4 The Bidder must have local TRC (Test Repair Centre).
- 2.5 The firm/company should be ISO 9001 certified (maintenance & system integration/network installation with attaching copy of the certificate
- 2.6 The Bidder should provide Registration number of the firm along with the LST/CST/WCT No. and the PAN Number allotted by the concerned authorities.
- 2.7 The bidder must have experience of executing similar orders during last 3 years. The bidder must enclose documentary evidence of executing minimum 3 orders of a Minimum value of Rs 3.5 lakhs or at least one order of a minimum value of Rs 10 lakhs in the last 3 financial years for any organisation.
- 2.8 The bidder should have a Call Center/Service Center operating in or around ALLAHABAD and the telephone number for the same must be provided.
- 2.9 The Bidder should have adequate facilities, manpower and staff for installation, testing, commissioning and for providing after sales service. An undertaking from the OEM is required in this regard stating that they would facilitate the bidder on a regular basis with technology / product updates and extend support for the warranty as well. In case repair of a particular equipment / system takes more than 2 working days, the supplier should be able to provide an alternative arrangement to ensure that there is no interruption in office's functioning.
- 2.10 Income Tax return for the last three years must be enclosed.
- 2.11 The supplier's clientele should include state/ central government, government undertakings and other reputed concerns, references of which should be made available in case the same is sought for by the Corporation.
- 2.12 The suppliers' should be system integrators so that hardware installation and software Configuration is done smoothly.
- 2.13 The supplying agency should be a profit making entity for the past 3 (three) years and its Annual Turnover during the last 3 years should not be less than 60 Lac. Details of the same need to be provided.

- 2.14 The bidder should submit documentary evidence in support of fulfilling eligibility criteria mentioned above along with the information i.e. Vendor details as per **Annexure II** of the tender document.

3. Envelop No.1 (Technical Bid) should contain the following:

- 3.1 Detailed technical aspects of the offer, including necessary brochures, etc. for the items to be supplied, as per the **Annexure VIII**.
- 3.2 Copy of the valid "authorized dealer/distributor certificate" of the product proposed to be supplied.
- 3.3 Copy of the terms and conditions (Annexure I) duly signed with official stamp for having accepted the same.
- 3.4 Supporting documents required for conditions mentioned at paragraph no.I of **Annexure IV**, **Annexure II** (Vendor details) duly filled in, signed with official stamp along with necessary supporting documents.
- 3.5 The bidder should include a week-wise time -line chart detailing about how the work would be carried. This time-line should the lead time for the delivery of products, laying of cables (Access Points, Optical as well as UTP cables).
- 3.6 Technical bid must be submitted in an organized and structured manner. No brochures / leaflets etc should be submitted in loose form.

The Technical offer should comprise of the following,

- a. A letter of authority duly signed by an authorised signatory.
- b. Complete information of commercial bid with Product Name, Specification and Manufacturer quoted for as per **Annexure VIII**.
- c. Columns related to commercials must not be filled up.
- d. Delivery and implementation schedule (week-wise time line chart detailing about how the work would be carried).
- e. Compliance of terms with any deviation clearly indicated in remarks & brought in Separate deviation sheets
- f. Warranty details.

4. Envelop No. 2 (Financial Bid) should contain the following:

- 4.1 The Schedule of Quantities as per the specifications and the most competitive prices offered in respect of the items therein as per **Annexure VIII**.
- 4.2 Quote Product Name, Specification, and Manufacturer with charges for installation, configuration and support for solution in INR.
- 4.3 Prices quoted shall be inclusive of escalation of any description. The rates must be quoted including the following:
 - (i) All costs should be given in Figures and words.
 - (ii) Govt. Levies like Sales Tax, Octroi, Excise Duty, Work Contract Tax (WCT) etc if any shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, duties and taxes etc if any.
- 4.4 Tender received late on account of any reason whatsoever as also telegraphic and faxed tenders shall not be entertained.
- 4.5 The Earnest Money Deposit of 2% of total cost by Demand Draft drawn on any Scheduled Bank in favour of AMC payable at ALLAHABAD should be submitted along with the tender.
- 4.6 Completion period of work mentioned in this tender shall be 2 months which shall be reckoned from the date of receipt of Purchase Order.
- 4.7 If the supplier fails to deliver any or all of the goods or complete the installation within the period specified in the purchase order, Corporation shall without prejudice to its other remedies, deduct as liquidated damage of 1% of the price of the delayed goods for every week of part thereof subject to a maximum of 10% of the order value. The amount towards liquidated damage would be recovered while making the initial payment itself.
- 4.8 Defect liability period shall be 3 months after the certified date of virtual completion certificate during which period the bidder shall maintain the system/equipment in normal working condition for all items except for specialized items where the period is mentioned separately.
- 4.9 Validity of the offer shall be 60 days from the date of opening of Envelope No. 2.
- 4.10 The bids must reach the office to the Municipal Corporation, 1-Sarojini Naidu Marg, ALLAHABAD 211001 on due date i.e **24th Dec'2001** by 12.00 to 3.00 PM at office of "Prabhari Adhikari Computer".
- 4.11 Bids will not be accepted after the due date and time.

FORM OF TENDER

Ref.No. D-584/JanSampark Adhi./11

Date : 15-12-2011

Prabhari Computer

ALLAHABAD MUNICIPAL CORPORATION

ALLAHABAD 211001

Dear Sir,

Having examined the specifications and schedule of quantities relating to the works specified in the memorandum hereinafter set out and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said memorandum within the time specified in said memorandum at rates mentioned in the attached schedule of quantities and in accordance in all respects with the specifications and instructions in writing referred in the Articles of Agreement, Terms and Conditions of Contract, Schedule of Quantities and with such materials as are provided for, and in all other respects and in accordance with such conditions so far as they may be applicable.

MEMORANDUM

- I. **Description of works:** Tender for Supply, Installation and Configuration of wireless network (including Operation and maintenance of existing network of Zonal offices through leased line) in premises of Office at AMC, ALLAHABAD, 1-Sarojini Naidu Marg, ALLAHABAD.
- II. Estimated Cost: Rs. 23, 50,000/-.
- III. Earnest money: Rs.47,000/-
- IV. Percentage, (if any, to be deducted from bills): 2% as Retention Money.
- V. Time allowed for completion of the works: Two months after work/purchase order.

I/We hereby agree to abide by the terms and provisions of the said conditions of Contract annexed hereto so far as they may be applicable and in default thereof to forfeit and pay to the AMC, ALLAHABAD, the amount mentioned in the said conditions.

I/We have deposited Rs ----- as earnest money with AMC, ALLAHABAD which is not to bear any interest. Should I/We fail to execute the contract when called upon to do so, I/We do hereby agree that this sum shall be forfeited by me/us to AMC, ALLAHABAD.

Our bankers are:

(i)

(ii)

(iii)

6. The names of partners of our firm are :

Name of the partner of the firm authorized to sign :

OR

Name of person having Power of Attorney to sign the contract. :
(Certified true copy of the Power of Attorney should be attached)

Yours faithfully

(Signature of Vendor/supplier)

(Signature, Name and addresses of witness)

(1) _____

(2) _____

Terms and Conditions of the Contract

Eligibility of Bidder/supplier

1. Bidder should be registered in India
2. Bidder should be OEM/Authorised Partner of the OEM.
3. In case the bidder is an authorised partner of OEM then bidder shall submit a Manufacturer's Authorization Certificate specific to this tender from the major OEM's in the tender viz. OEM's of Server, Active and Passive Components, failing which the tender will be summarily rejected.
4. The bidder should have local test center in Allahabad.
5. The Bidder should provide Registration number of the firm along with the LST/ CST/ WCT No. and the PAN Number allotted by the concerned authorities.
6. **The bidder must have experience of executing similar orders during last 3 years. The bidder must enclose documentary evidence of executing minimum 3 orders of a Minimum value of Rs 3.5 lakhs or atleast one order of a minimum value of Rs 10 lakhs in the last 3 financial years for any organisation.**
7. **The bidder should have a Call Center/Service Center operating in or around ALLAHABAD and the telephone number for the same must be provided.**
8. The Bidder should have adequate facilities, manpower and staff for installation, testing, commissioning and for providing after sales service. An undertaking from the OEM is required in this regard stating that they would facilitate the bidder on a regular basis with technology / product updates and extend support for the warranty as well. In case repair of a particular equipment / system takes more than 2 working days, the supplier should be able to provide an alternative arrangement to ensure that there is no interruption in office's functioning.
9. Income Tax returns for the last three years must be enclosed.
10. The supplier's clientele should include state/ central government, government undertakings and other reputed concerns, references of which should be made available in case the same is sought for by the Corporation.
11. The suppliers' should be system integrators so that hardware installation and software Configuration is done smoothly.
12. The supplying agency should be a profit making entity for the past 3 (three) years and its Annual Turnover during the last 3 years should not be less than 60 Lac. Details of the same need to be provided.
13. The bidder should submit documentary evidence in support of fulfilling eligibility criteria mentioned above along with the information i.e. Vendor details as per **Annexure II** of the tender document.

Submission of Tenders.

1. The bidder must obtain for himself at his own responsibility and at his own expense all the information which may be necessary for the purpose of submission of offer.
2. The suppliers may get themselves acquainted with the proposed work and study the specifications of the contract, site conditions, prevailing laws, regulations, other related issues, etc., carefully before tendering. The same shall be done at their own expense, responsibility and risk. No request for change of tendering conditions for want of information on any particular issue will be entertained by AMC Allahabad.
3. The rates quoted in the tender shall be for the complete item including supply, installation, testing, commissioning etc. The rate shall be firm and shall not be subject to exchange variations, labour conditions, fluctuation in railway/road freights or any other conditions whatsoever. The bidder must include in his rates sales tax, excise duty, octroi and any other tax and duty or other levy charged by central government or any state government or local authority, if applicable. No claim in respect of sales tax, excise duty, octroi or other tax, duty or levy whether existing or future shall be entertained by the Corporation. The rates shall also include transportation, loading, unloading, packing, carting, forwarding, freight charges, transit insurance cover and any other payment/taxes towards transporting the materials from other State/s.
4. The rates quoted should be all inclusive and include delivery, installation charges, warranty charges, all taxes, local levies, etc., and no further amount would be paid by the corporation on any account.
5. **The offer should be made for systems of reputed manufacturers having all India service capabilities. .**
6. Prices quoted should be in respect of networking components of reputed brands with specifications as indicated in the schedule of quantities. Products quoted which are not in conformity with the specifications/ configurations prescribed will be out rightly rejected.
7. Offers shall remain open for acceptance by the Corporation for a period of 90 days from the date of opening the envelope no. 2, which may be extended by mutual agreement and the bidder shall not cancel or withdraw the offer during this period. Further, the supplier should give an undertaking to pass on the benefit accruing on account of any fall in prices to the Corporation, during the period between the date of submission of quotation and the date of supply, in respect of all network components.
8. The supplier would be entitled to verify and satisfy themselves of the site conditions prevailing which would be done at their own cost, responsibility and risk.

9. It may be noted that submission of the quote would imply explicit acceptance by the supplier of all the terms and conditions listed in the tender document.
10. A supplier may offer more than one model / make of product provided he is authorized to quote for the same.
11. The supplier will ensure that the tender reaches the Corporation on or before the due date and time. Applications received after the due date and time or incomplete in any respect or not as per the proforma prescribed are liable to be rejected.
12. All tenders should be accompanied by a demand draft drawn on a scheduled bank in favour of ALLAHABAD MUNICIPAL CORPORATION and payable at ALLAHABAD towards Earnest Money Deposit (EMD). The tenders not accompanied by the EMD will not be considered. The EMD will be returned to the bidder without interest if his tender is not accepted, after finalization of purchase order.
13. All disputes arising out of or in any way connected with this contract shall be deemed to have arisen in ALLAHABAD and only courts in ALLAHABAD would have jurisdiction to determine the same.
14. All the pages of the tender document should be signed together with seal of the authorized representative of the supplier.
15. The offer should be submitted in two separate sealed envelopes marked as "Envelope No.1" (Technical Bid) and "Envelope No.2" (Financial Bid) and super scribed "Tender for Supply, Installation and Configuration of wireless network (including Operation and maintenance of existing network of Zonal offices through leased line) in premises of Office at AMC, ALLAHABAD, 1-Sarojini Naidu Marg, ALLAHABAD.
16. The Corporation reserves the right to accept or reject any bid or cancel the tender proceedings without assigning any reason whatsoever.
17. The Corporation at its sole discretion reserved the right to award / rejects the contract in one or more parts to one or more bidders. Incomplete quotations are liable to be rejected.
18. Canvassing in any form in connection with the tenders is strictly prohibited and the bids submitted by the bidders who resort to canvassing are liable for rejection.
19. Unsigned tenders, unattested corrections and over writings by bidders are also liable for rejection.
20. Bids not adhering to the specification will be out rightly rejected.
21. Conditional bids will be summarily rejected.

22. The schedule for accepting the tenders shall be strictly followed late tenders shall not be accepted.
23. The tender documents are also available on AMC website: www.allahabadnagarnigam.in.
24. If bidder requires any clarification regarding the tender documents, they are advised to Submit their queries in writing to Prabhari Computer, ALLAHABAD MUNICIPAL CORPORATION, ALLAHABAD.
25. Every page of the submitted bid has been numbered and signed.

III.

Acceptance of Tenders / Bids

1. No conditions whatsoever shall be attached with any of the offers, failing which the offer shall be liable to be rejected. If there is any clause in the bill/invoice/any document submitted along with the goods which are not in conformity with any clause contained herein or in the purchase order, the clause in this document or in the purchase order only will prevail.
2. The supplier shall pass on to AMC any benefit under any promotional scheme / offers on the product/s offered. Also all items / parts included by the OEM would be supplied along with the equipment. The supplier would not be entitled to de bundle any such item / part. The make/ model of the equipment offered should be clearly indicated in the quote.
3. Copy of the valid "dealer/distributor" certificate of the product proposed to be supplied should be enclosed along with the offer. It may also be noted that licenses of all software's loaded in server and all certifications specified under the technical stipulations will have to be supplied failing which the Corporation reserves the right to reject the goods even after delivery of goods. Details relating to certifications specified in technical details must be clearly mentioned in the offer.
4. The bidder should note that unless otherwise stated, the offer is strictly on item rate basis and his attention is drawn to the fact that rates for each and every item should be correct, workable and self-supporting. The quantities in the schedule of quantities approximately indicate the total extent of work but may vary and even may be omitted thus altering the aggregate value of contract. No claim for any compensation shall be entertained in this regard.
5. Rates should be quoted both in figures and words in columns provided for. All erasures and alterations made in the offer must be attested by initials of the bidder. Overwriting of figures is not permitted. Failure to comply with either of these conditions will render the offer void at the Corporation's option. No change in rate or conditions after opening the offer will be entertained.

6. Rates should be quoted both in figures and in words. In case of difference between figures and words the following procedure will be followed :
- (a) When there is a difference between the rates in figures and words, the rates which correspond to the amount worked out by the supplier will be taken as correct;
 - (b) When the amount of items is not worked out by the supplier or it does not correspond with the rate written either in figures or words, then the rate quoted by the supplier in words shall be taken as correct;
 - (c) When the rate quoted by the supplier in figures and words tallies but the amount is not worked out correctly, the rate quoted by the supplier shall be taken as the correct and not the amount.
- 7 For the bidder satisfying the qualification Criteria and Technical Specifications, the price comparisons shall be made over the total cost indicated in Vol. 2 (Schedule of Quantities). The authorized committee at its sole discretion, reserves the right to negotiate with other bidders in case, the technical specification of some or all products are found to be superior, or the proposal seems to better and faster towards completion compared to others.

IV.

Opening of Tenders

1. Envelope No.1 will be opened at ----- and envelope No.2 of the bidders those qualify in the Technical Bids, would be opened on the date and time which will be advised separately.
2. Envelope No.1 will be opened in the presence of authorized representatives of the individual bidding firms who chose to be present at the time of opening.
3. After opening of the tenders under Envelope 1 and assessing the conditions, if any, AMC will, if they so decide, inform all the bidders regarding any modification in the tender conditions. Bidders who agree to the changed conditions, along with the original in totality and agree to the same in writing would be allowed to make modifications if they so wish, in their tender prices by means of a letter to be submitted in a sealed envelope.
4. The envelope 2 of only those bidders would be opened who after discussion agree to bring their tenders in line with the requirements of the tender document and if the tenders are acceptable to the Corporation. The decision of Corporation would be binding in such case. The date and time of opening of envelope 2 would be intimated after opening of envelope 1.

V.

Award of Contract

1. Corporation reserves the right to inspect the premises / facilities of the supplier to ensure the claims made by the supplier are in conformity with the details provided in the bid.
2. The bidder shall not assign the contract to any other person/firm. The bidder shall not sub contract any portion of the contract.
3. The proposed quantities are subject to change depending on the Corporation's priority vis-à-vis financial constrains, if any.

VI.

Execution of Works

1. The successful bidder shall be required to execute an agreement in the Proforma attached with this Tender document (Annexure III) within 7 days from the date of issue of Purchase Order. In the event of failure on the part of the successful bidder to sign the agreement within the above stipulated period, the earnest money will be forfeited and the acceptance of the tender shall be considered as cancelled.
2. The successful bidder/supplier would be required to complete the delivery, testing and installation of the items listed in the Schedule of Quantities as per specifications indicated at AMC, 1-Sarojini Naidu Marg, ALLAHABAD , within 2 Months from the date of receipt of Purchase Order.
3. The supplier would also have to provide a bond certifying that the software/s supplied by them is licensed and genuine and indentifying AMC in case their claims are proved otherwise.
4. The equipments should be made available for testing/inspection by Corporations representatives and the supplier would ensure all necessary assistance for the same. The supplier would also ensure proper testing of the equipments and connected paraphernalia and ensure that the products meet the criterion as listed out in the offer made by Corporation and to the satisfaction of Corporation.
5. In case the model offered by the supplier at the time of quote is out of date, the supplier should agree to provide at no extra cost, an equipment of such higher configuration than prescribed in the offer and acceptable to Corporation.
6. Subsequent to installation of the equipment at AMC's site (to be indicated in the offer letter by AMC), together with all related software, the supplier will handover to Corporation all the related media, manuals, etc., and fill in a Machine Installation Report (as per proforma at **Annexure IV**)

in triplicate.

7. The bidder shall not be entitled to any compensation for any loss suffered by him on account of delays in commissioning or executing the work, whatever be the cause of delays, including delays arising out of modifications to the work entrusted to him or any other reasons whatsoever and the Corporation shall not be liable for any claim in respect thereof. Corporation does not accept liability for any sum besides the offer amount, as mentioned in the schedule of quantities.
8. The successful bidder is bound to carry out all items of work necessary for the completion of the job even though such items are not included in quantities and rates.
9. The successful bidder should make his own arrangements to obtain all materials required for the work. Detailed brochures, illustrations, if any, with descriptive literature etc. have to be accompanied with the offer. The details and the literature so submitted by the successful bidder shall be retained by the Corporation.
10. The conditions, specifications and schedule of quantities forming contract document are explanatory and are complementary to each other, representing together the work/ installation to be carried out. In case of doubt, the matter shall be discussed with the Corporation Officials and necessary clarifications obtained. If neither the specifications nor the schedule of quantities include any provision specifically but if such provisions are absolutely necessary to complete the work, the bidder shall provide the same without any extra cost to the Corporation. Anything contained in any one viz. (i) the specifications and/or (ii) the schedule of quantities but not specifically appearing in the other parts of the documents shall be deemed to have been stipulated under all such parts of the document and the work shall be carried out accordingly.
11. This is time bound and high priority project. The bidder must make the proposal after fully considering all such factors, which may have any bearing on the time schedule. The Bidder will be required to complete all the work within the period as specified in Annexure VII from the date of receiving the purchase order. However, the bids with lesser completion time will be given preference.
12. Corporation will have the right to reject the component / equipment supplied, if it does not comply with the specification at any point of installation / inspection.
13. The installations shall be completed as per the working days / hours of the Corporation and no request for extension of such facilities beyond the normal working hours / days will be entertained.
14. A list indicating the product serial numbers / User ID's, Password of each instrument installed under the contract has to be furnished at the time of completion of the Work.
15. Corporation would not be liable for any compensation for injury or loss of life caused to the supplier's workmen / contract staff / others or property during execution of work prescribed under the contract. The contractor is advised to take all necessary precautions / adequate insurance measures to prevent / protect itself from any such liability.
16. Quantities indicated in the order under individual heads are to be supplied as a single lot.

VII.

Terms of Payment

- (1) 98% of the value of the purchase order will be released on installation and submission of certificate of satisfactory installation. The balance 2% of the purchase value (including EMD) would be retained as Retention Money Deposit (RMD) which will not carry any interest. The RMD will be released after warranty period or on submission of Performance Bank Guarantee as per Proforma enclosed (Annexure V) for the said amount after six weeks from the date of completion of work.
- (2) Payment would be made by the Corporation only on satisfactory completion of all report and handing over of all such related media, manuals, etc., and submission of Machine Installation Reports (MIR), Challans and System Information (SI).
- (3) All payments of bills in respect of the offer shall be made only by the AMC, ALLAHABAD at his office by cheque. All payments shall be subject to statutory deductions such as Trade Tax, Income Tax, Surcharge, Education Cess etc., as applicable.
- (4) Payment will be made only on completion of all works specified under the contract and on satisfaction of other conditions of the contract. Under no circumstances would part / advance payment be allowed.

VIII.

Warranty & AMC

- (1) The tender should clearly specify the period and type of warranty. In case, the product offered carries a lower warranty term, rates for an upgrade to the minimum prescribed warranty period should be provided. However, the AMC reserves the right to award such maintenance post warranty period to a third party for AMC.
- (2) Warranty would mean that prompt after sales service (within a span of 1 working day of filing a complaint) is made available by the supplier / manufacturer. Warranty items would cover all manufacturing defects without exclusion. No charges would be payable by the Corporation for adherence to warranty terms by the supplier / manufacturer.
- (3) The selected supplier would be required to provide performance bank guarantee from their banker as per the proforma (Annexure V) for an amount equivalent to 2% of the total purchase value.
- (4) The bidder shall not assign the contract to someone else.
- (5) Defect liability/Warranty period for Maintenance & Management of network components shall be a minimum period of 03 years on-site from the virtual Completion date. The defect liability/warranty period covers total comprehensive contract. Any defect or fault which may appear within the warranty Period of 03 years after the virtual completion of the work, arising in the opinion of the corporation. Officials from materials or workmanship not in accordance with the offer, shall upon the directions in writing of the Corporation officials, and within such reasonable time as shall be specified therein, be amended and made good by the bidder, at his own cost and in case of default, the Corporation may employ and pay other persons to amend and make good such defects, or faults, and all damages, loss and expenses consequent thereon or incidental thereto shall be made good and borne by the bidder and such damage, loss and expenses shall be recoverable from him by the Corporation or may be deducted by the Corporation, upon the Corporation Officials' Certificate in writing, from any money due or that may become due to the bidder, or the Corporation may in lieu of such amending and making good by the bidder deduct from any moneys due to the bidder a sum equal to the cost of amending such work and in the event of the amount retained being insufficient, recover the balance from the bidder, together with any expenses the Corporation may have incurred in connection therewith. The bidder shall remain liable under the provisions of this clause notwithstanding the signing of any certificate or the passing of any amounts, by the Corporation' Officials.
- (6) Warranty should cover parts replacement, free labour, on-site /off-site visit etc. No extra claims

are applicable during the warranty period. In case of repair of machines during the period, a substitute machine shall be provided by the firm in the event of the repairs exceeding 24 hours.

- (7) Comprehensive Warranty & Comprehensive Annual Maintenance Contract shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any shall be attended to, on an immediate basis, but in no case any defect should prolong for more than 24 hours.
- (8) The comprehensive warranty shall be for a period from the date of completion of installation of all Network Components.
- (9) The bidders should also quote for comprehensive Annual Maintenance Contract after warranty for a subsequent period of two years on quarterly post-payment basis separately for maintenance of Server, Maintenance of Network wired and Wi-fi , ensuring physical as well as logical connectivity in wire and wi-fi environment. The AMC will be comprehensive in nature and cover all items attached to the Networking components installed in premises of AMC Office.
- (10) The Service coverage will be from 9.30 AM to 5.30 PM Monday through Saturday. Adequate provisions should be provided to address technical problems occurring during the installation of network.
- (11) If Problem faced by user is not rectified within one day, a stand by machine would be provided by the agency to facilitate uninterrupted functioning by the users. The standby arrangement must be temporary in nature i.e for a period not exceeding two weeks.
- (12) All the work relating to coordination / liaising with Internet Service Provider for AMC Office and hostel will be done by the agency.
- (13) Working hours for the representatives of AMC will be 9.30 AM to 5.30 PM on all working days. However, if need arise, he may be called beyond office hours on working day without any extra payment / compensation. On non-working days, if the agency representative is called, the agency will be paid for full day.

IX.

Penalties

- (1) In case of non-supply of goods or inability to execute the work within a stipulated time (two week after the acceptance of purchase order), the supply order shall be placed with the next bidder which has quoted the next lowest rates at the risk and cost of the defaulting bidder and difference, if any, between the total cost of the materials shall be chargeable to the defaulting bidder. In case the defaulting bidder fails to pay the deference cost, the legal action shall be taken against the defaulting bidder.
- (2) If the supplier fails to deliver any or all of the goods or complete the installation within the period specified in the purchase order, Corporation shall without prejudice to its other remedies, deduct as liquidated damage of 1% of the price of the delayed goods for every week of part thereof subject to a maximum of 10% of the order value. The amount towards Liquidated Damage would be recovered while making the initial payment itself.

I/We hereby declare that I/We have read carefully and understood the above instructions and terms and conditions for the guidance and the same will be binding upon me/we in case the work is entrusted to me/us.

Signature of Bidder:

(Name & Address with Phone No.)

Date:

Seal:

Annexure-II

Vendor details

Sr. No	Items Details
1.	Name of the Bidder;
2.	Address of the Registered Office Address Telephone FAX E-mail.
3.	Address of the Office at ALLAHABAD Address - 1: Telephone FAX E-mail Address - 2: Telephone FAX E-mail
4.	Name and Designation of the person authorized to make commitments to the Corporation Name Designation Mobile Phone FAX E-mail

5. Tenderer's Web site (if any)
6. Type of Organization (Whether sole proprietorship/private limited/public limited company or cooperative body.
7. Details of Registration- Registering Authority :
Registration Date :
Registration No. :
8. Sales Tax Number :
9. (i) Income Tax Number
(ii) PAN
(iii) CST No
(iv) WCT No
10. Clientele (Certificate regarding after sales and support from the mentioned companies should be furnished)
Banks & FIs:
Govt. Undertaking:
Reputed Concerns:
11. Details of Call Center/Service Center Operating in ALLAHABAD if any:
12. Brands of networking components of which the vendor is OEM/ Authorised Dealer/ reseller
(Certificate from the principal agencies should be enclosed in case of Authorised Dealers/ Resellers).
13. Whether vendor is a systems integrator (Details of system integration work done may be given).
14. Whether vendor has the ability to provide alternative equipment to ensure that there is no breakdown in the Corporation's operations in case they are not able to immediately repair the malfunctioning of networking components.
15. **Details of previous experience:** *The supplier should have experience of executing similar works during the last 3 years. The documentary evidence in this regard should be furnished by the supplier as under :*
Name and Location of Work:
Value and nature of Order:

Whether executed satisfactorily and on time

Date of Completion of work

16. Annual Turnover (Rs. In lakh)

(2008-09):

(2009-10):

(2010-11):

17. Audited Balance Sheet, P&L A/c and annual report for the year 2008-09, 09-10 must be furnished:

18. Mention OEM/Authorised Partner of the OEM and Authorisation

19. Authorised Service Provider for OEM

20. Firm / Company ISO 9001 Certified (Certificate Attached).

21. Names and addresses of bankers

(Name, Signature with stamp)

Annexure-III

ARTICLES OF AGREEMENT

ARTICLES OF AGREEMENT made this _____ day of _____ between AMC, ALLAHABAD (hereinafter called " the Corporation") of the one part and _____ Name and Address _____ (hereinafter called "the Vendor/contractor") of the other part. Whereas the Corporation is desirous of carrying out the work of in Office Premises at AMC ALLAHABAD and has caused specifications describing the work to be done to be prepared by AMC ALLAHABAD. AND WHEREAS the said specifications and the Schedule of quantities have been signed by or on behalf of the parties hereto. AND WHEREAS the Vendor/contractor has agreed to execute the work/s subject to the Condition set forth herein and to the Conditions set forth in the Tender Document and in the Schedule of Quantities and Terms and Conditions of Contract (all of which are collectively hereinafter referred to as "the said Conditions") the works shown upon the said and/or described in the said Specifications and included in the Schedule of Quantities at the respective rates therein set forth amounting to the sum as therein arrived at or such other sum as shall become payable there under (hereinafter referred to as "the said Contract Amount").

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the said Contract amount to be paid at the times and in the manner set forth in the said conditions, the vendors/contractors shall upon and subject to the said conditions execute and complete the work shown upon the said location and described in the said specifications and the schedule of quantities.
2. The Corporation shall pay the vendor/contractor the said contract amount, or such other sum as shall become payable, at the times and in the manner specified in the said Conditions.
3. In the said conditions herein before mentioned, the concern officers, Municipal Corporation of Allahabad, 1-Sarojini Naidu Marg, ALLAHABAD shall act on behalf of the Corporation (AMC).
4. The said conditions shall be read and construed as forming part of this Agreement, and the parties hereto shall respectively abide by, submit themselves to the said Conditions and perform the agreements on their part respectively contained in the said conditions.
5. The agreement and documents mentioned herein shall form the basis of this Contract.
6. This contract is neither a fixed lump sum Contract nor a Piece work Contract but is a Contract to carry out the work in respect of enabling "Supply, Installation and Configuration of wireless network (including Operation and maintenance of existing network of Zonal offices through leased line)" in premises of the AMC office, to be paid for according to actual quantities at the rates contained in the Schedule of Rates and Probable quantities provided in the said Conditions.
7. The Corporation reserves to himself the right of altering the quantum of the work by adding to or

omitting any items having portions of the same carried out without prejudice to this Contract.

8. Time shall be considered as the essence of this Contract and the Vendor/contractor hereby agrees to commence the work soon after the site is handed over to him or from the date of issue of formal purchase order as provided for in the said conditions whichever is later and to complete the entire work within 4 months.
9. All payments by the Corporation under this contract will be made only at ALLAHABAD.
10. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at ALLAHABAD and only Courts in ALLAHABAD shall have jurisdiction to determine the same.
11. That the several parts of this contract have been read by the Vendor/contractor and fully understood by the Vendor/contractor.

IN WITNESS WHEREOF the Corporation and Vendor/contractor have set their respective hands to these presents and two duplicates hereof the day and year first herein above written. IN WITNESS WHEREOF the Corporation has set its hand to these presents through its duly authorized official and the Vendor/contractor has caused its common seal to be affixed hereunto and the said two duplicates hereof to be executed on its behalf, the day and year first herein above written.

SIGNATURE CLAUSE:

SIGNED AND DELIVERED BY the ALLAHABAD MUNICIPAL CORPORATION by the hand of Shri _____ (name and designation) in the presence of

(1) _____

Address _____

(2) _____

Address _____

SIGNED AND DELIVERED BY _____ in the presence of

(1) _____

Address _____

(2) _____

Address _____

_____ THE
COMMON SEAL of _____ was hereunto affixed pursuant to the
resolutions passed by its Board Of Directors at the meeting held on _____ In the presence of

(1) _____

(2) _____

Directors, who have signed these presents in token thereof in the presence of,

(1) _____

(2) _____

Signed and sealed by the vendor/contractor by the hand

of Shri _____ and duly constituted attorney.

Annexure V

PERFORMANCE BANK GUARANTEE

This deed of guarantee made on this..... day ofby
(Name of Bank giving guarantee) having its registered office at..... and amongst all
places a branch at..... (address of bank branch giving guarantee)
and wherever the context so require includes its successors and assigns (hereinafter called the
"Surety") for the favour of ALLAHABAD MUNICIPAL CORPORATION, ALLAHABAD and wherever
the context so requires includes its successors and assigns (hereinafter called the "Purchaser").

1. The purchaser has placed an order No..... Dated
(hereinafter called the "Said Order") With
..... (Name of Vendor) a Company
having its registered office at (Address) and wherever the
context so requires includes its successors and assigns (hereinafter called or referred to as
"The Supplier").
2. Under the terms of order, the supplier is required to furnish the purchaser at his own cost a
Bank Guarantee for an amount of Rs. _____ (Rupees _____) for
fulfilling the conditions of technical delivery in the purchase order towards guarantee against
all manufacturing defects for a period up to _____ in lieu of retention of an amount of
2% of the value of the order towards satisfactory fulfillment of the order and for defects, if
any, noticed during the warranty period of three years from date of satisfactory installation.
3. The surety at the request of the Supplier who are constituents of surety agreed to issue a
Bank guarantee in terms of the said order on behalf of the supplier and the purchaser has
agreed that the supplier shall repair or replace free of cost, equipment, machinery, its parts
and components found defective on account of bad workmanship or defective materials or
inferior manufacture as mentioned in the warranty and guarantee clause of the said order.
4. The Surety binds himself to pay to the purchaser to the extent of Rs. -----
(Rupees _____) in case of failure on
the part of the supplier to perform this guarantee provided the purchaser informs the surety
in writing to this effect. The surety binds himself to pay the amount immediately pursuant to
the said demand notice notwithstanding any dispute that may exist or arise between the
purchaser and supplier or any other person.
5. Notwithstanding anything contained herein above, the liability of the surety in respect of this
guarantee is restricted to Rs. _____ (Rupees _____) in case of failure
on the part of the supplier to perform this guarantee provided, the purchaser informs the
surety in writing to this effect.
6. This guarantee shall remain in force up to..... (date).
7. The guarantee shall not be discharged or released from the guarantee by any arrangement

between the Purchaser and the Supplier with or without consent of the Surety or by any alteration in the Obligations of the Parties or by any indulgence, forbearance whether as to payment, time, performance or otherwise.

8. This guarantee shall not be affected by any change in the constitution of the supplier by absorption with any other body or corporation or any other and this guarantee will be available to or enforceable by such body or corporation.
9. Unless a claim under this guarantee is made by the purchaser against the bank on or before **(after end of warranty period)** all the rights of the purchaser under this guarantee shall be forfeited and the bank shall be relieved and discharged from all liability under this guarantee.
10. And this bank guarantee after shall cease to exist if there is no claim on or before (after end of warranty period).

Notwithstanding anything contained herein above, the liability under this guarantee is restricted to an amount not exceeding R ._____ (Rupees _____) and the guarantee shall remain in full force and effect until. Unless action to enforce the claim is filed on or before (**after end of warranty period**) all rights under the said guarantee shall be forfeited and Bank shall be relieved and discharged from all liabilities thereunder.

DATED AT ALLAHABAD THIS_____DAY OF_____

Annexure VI

LETTER OF INDEMNITY

Prabhari Computer

Allahabad Municipal Corporation
1-Sarojini Naidu Marg,
ALLAHABAD 211001

Dear Sir,

Tender for Supply, Installation and Configuration of wireless network (including Operation and maintenance of existing network of Zonal offices through leased line) in premises of Office at AMC, ALLAHABAD, 1-Sarojini Naidu Marg, ALLAHABAD WHEREAS the ALLAHABAD MUNICIPAL CORPORATION, a Corporation established under Public Sector Unit (As Applicable to the State of Uttar Pradesh) (hereinafter referred to as 'Allahabad Municipal Corporation') has expressed desire and tenders for Supply, Installation and Configuration of wireless network (including Operation and maintenance of existing network of Zonal offices through leased line) hereunder written and which are hereinafter referred to as ' the said systems package', subject to our furnishing declarations and indemnity as contained hereafter.

NOW THEREFORE THIS LETTER OF INDEMNITY WITNESS THAT:

We, the _____ hereby declare and certify that we are the rightful owners/ licenses of the said systems package offered for sale to the Corporation and that the sale of the said systems package to the AMC does not infringe the property or copy rights of any other person and that the same does not infringe the Copy of Rights Act, 1957 or any other Act for the time being in force. We, the said _____ hereby agree to indemnify and keep indemnified and harmless the AMC, servants, agents and other authorised persons against any action that may be brought against them for infringement of the right of property or other intellectual property or copy rights in respect of the said systems package supplied by us to the Corporation and will defend the same at our cost and consequences, and will pay or reimburse the Corporation, its officers, servants, agents and other authorised persons from all the costs and other expenses that may be put to or incur in that connection.

SCHEDULE :

Yours faithfully

(Signature, Name and Designation of Authorised Official)

ALLAHABAD MUNICIPAL CORPORATION

ALLAHABAD

TENDER VOLUME -2

(Schedule of Quantities)

TENDER FOR ENABLING Enterprises Network Solution including Server, mail,

Internet Management IN **PREMISES OF AMC OFFICE**

ISSUED TO:

Date of submission of Tender : **24th Dec'2011** (12:00 - 15:00 Hrs)

BILL OF MATERIAL

S.No	Name of the Item	Quantity*
1	Server Intel Xeon Four Processor Six Core Rack Mounted ,Rack Mountable.	02
2	Windows 2008 Server Standard Edition 100 CAL with Media.	01
3	Red Hat Linux Enterprises, Ver. 5. Or latest (With Media & License)	01
4	5 KVA Offline UPS with Battery backup of 120 Minutes on full load, (Specification as per Annexure-B)	02
5	Router onboard 10/100/1000 UTP LAN Ports (Specification as per Annexure-C)	01
6	Network Monitoring Software tool for the network component to be installed, Automated Managed Services for 100 Users (Specification as per Annexure-D)	01
7	Multimedia Projector With Computer. 3000 Lumens, Lamp 230W, (Specification as per Annexure-E)	01
ACTIVE COMPONENTS		
1	Access Switch Layer-2, 24 Port poe switch, (Specification as per Annexure-F)	02
2	Wireless LAN Controller with support and Licenses for 60 Access Points. (Specification as per Annexure-G)	01
3	Indoor Access Points for roof/wall mount. (Specification as per Annexure-H)	25
4	UTM Firewall with minimum 100 Users (Specification as per Annexure-I)	01
5.	Wireless 802.11n 150 MBPS PCI Adapter	60
PASSIVE COMPONENTS (as per Actual)		
1	UTP Cat 6 Cable (305 Mtr. Box)	10
2	UTP Cat 6 Jack Panel 24 port	03
3	UTP Cat 6 Information Outlet with Surface Mount Box.	50
4	UTP Patch Cord Cat 6 (1 Mtr.)	50
5	UTP Patch Cord Cat 6 (2 Mtr.)	50
6	24 U Rack 1000 mm Depth,Tray min 5, Cable Manager, Power strip, Fan Tray etc.	01
7	4 U Rack with Front Glass Door, Cable Manager Power Strip	08
JOBWORK (As per actual)		
1	Laying of CAT-6 Cable in PVC Pipes/ Conduits, including the cost of material.	3000m
2	Jack Panel Termination	03
3	I O Termination	50
4	Rack Dressing and Fixing	09
5	Complete Documentation	01
6	Creating a web server as well as mail server with all standard tools. as active directory ,Linux / DNS,/ etc.	01job
7	One Resident Engineer (Who would manage all the network with manage the mail , proxy , web server etc)	01job

Notes:-

- Quantity given here is indicative only and will be used for deciding L1. Total amount of order may differ.
- Bidder should ensure that the solution is treated as a turnkey project and all necessary items required to complete the project should be included in the quoted prices.

Server Specification

ITEMS	REQUIRED PARAMETER	OFFERED PARAMETER	COMPLIANCE (Yes/ No)
Processor	Intel® Xeon® Processor E5620 (2.40 GHz, 12MB L3 Cache, 80W, DDR3 1066, HT, Turbo 1/1/2/2) FIO		
CPU Upgrade	Upgradeable to 4 processors		
Chipset	Intel® 5520 Chipset		
Memory	16 GB 800 MHz DDR3 FBD RAM upgradeable up to 256 GB		
Memory slots	12 DIMM slots		
Form Factor	4U Rack Mounted		
Optical Drive	Slim 12.7mm SATA DVDRW Optical Kit		
Storage Controller	RAID Controller with min. 256 MB Cache Memory		
Hard Disk Drive	3 x 300GB 6G SAS 15K 3.5in Dp ENT HDD 2U G6 4HDD CAGE FIO Kit		
Graphics Card	32MB* shared supporting all display resolutions up to 1600x1200 16bpp@75Hz		
Expansion Slots	Minimum 2 PCI/PCI-e Slots, upgradeable upto 4 through riser card		
Hard Drive Bays	Eight (8) 2.5" Small Form Factor (SFF) hot-plug drive bays supporting up to 6Gb/s SAS or 3Gb/s SATA transfer rate		
Network Controller	Integrated Dual Port Gigabit Server Adapter		
I/O Ports	Network RJ-45 (Ethernet) - 2 10/100/1000 NIC ports (plus 1 dedicated for the HP ProLiant Lights Out 100i Remote Management); Serial – 1; Graphics – 1; USB - 5 total ports: (2) front, (2) rear, (1) optional internal		
Deployment/Serviceability	Fixed rails to provide support for racks Tool-less access to all system components for easy in rack serviceability		
Security Features	Power-on password, Setup password, Diskette boot control, Secure Sockets Layer (SSL), Secure Shell (SSH)		
Power Supply	2 x 460W HE 12V Hot Plug AC Power Supplies		
Redundancy	Fully redundant hot plug fans (N+1) 460W Hot plug power supply with redundancy		
Industry standards Compliance	ACPI V2.0 Compliant, PCI 2.2 Compliant, PXE Support, WOL Support, Microsoft® Logo certifications, IPMI 2.0 Compliant		
Supported System Software	Supports Windows, RHEL, SLES, VMware, and Citrix XenServer		
Warranty	3 years onsite warranty		
Make offered	DELL/IBM/HP/SUN or similar		
Model Offered	Details to be furnished		

Specification of UPS

ITEM	REQUIRED PARAMETERS	OFFERED PARAMETER	Compliance (Yes/No)
	Online UPS, 5.0 KVA Capacity, Single Phase, with Battery Backup of 120 Minutes Make : APC/ Emerson or similar		
Technology	PWM		
Switching Device	IGBT		
Input Voltage	140V-270V (single phase)		
Output Voltage	220V +/- 1%		
Output waveform	Pure sine wave		
Input frequency	45 to 55 Hz		
Others	Battery Cabinet		
	Indications main/charging/UPS On, Over Load/ DC Over/ DC Under/ Output High/ DC On & Digital Display of Output Voltage		
	Protection Overload/ DC Over/ DC Under/ Output High/ Battery Overcharge Protection even in case of Charger Circuit /Rectifier Failure		

Specification of Router

ITEM	REQUIRED PARAMETERS	OFFERED PARAMETER	Compliance (Yes/No)
Router Architecture	High Speed multi core CPU		
	Embedded Hardware based encryption.		
	Multi Service Capable Router		
	VPN support with Standard user identification and authentication(by adding appropriate hardware/software)		
Miscellaneous Hardware Requirements	Flash memory for storing Router Software image		
	Support for flash file system for storing and load multiple images		
	Support to save configuration file to the flash memory		
	USB Flash upgradeable to 256 MB		
	Minimum of 512 MB of DRAM for storing Router configuration		
WAN Interface	2 enhanced High-Speed WAN Interface Card (EHWIC) slots that can host 2 single wide or 1 double wide EHWIC module.		
LAN Interface	2 integrated 10/100/1000 Ethernet ports		
VPN Encryption Module (Optional)	Embedded hardware-accelerated VPN encryption		
Wireless WAN (Optional)	Support for 3 rd Generation High Speed Wireless Link (Internal/External)		
Performance Requirements	Should have at least 15 mbps throughput or more.		
Regulatory Compliance	Safety; 1. UL 60950-1 2. CAN/CSA C22.2 No. 60950-1. 3. EN 60950-1 4. AS/NZS 60950-1 5. EC 60950-1		
	EMC; 47 CFR, Part 15, ICES-003 Class A, EN55022 Class A, CISPR22 Class A, AS/NZS 3548 Class A, VCCI V-3, EN 300-386, EN 61000 (Immunity), EN 55024, CISPR 24, EN50082-1		

Software Specifications	IP Routing <ul style="list-style-type: none"> • RIP • OSPF • OSPF over Demand Circuits • BGP 		
	Policy Routing <ul style="list-style-type: none"> • Network Address Translation(NAT) should available in the delivered configuration 		
	WAN Protocols <ul style="list-style-type: none"> • PPP • Multilink PPP • Frame Relay • Compression Payload and TCP/IP Header 		
	Multicasting and QoS <ul style="list-style-type: none"> • Support for QoS • Support for CAR and IP Precedence • Possible to recognize a wide variety of applications, including web-based. • Internet group Management Protocol(GMP V2) • Multicast Routing support such as DVMRP/PIM 		
Security	<ul style="list-style-type: none"> • Support for standard Access lists and extended access lists to provide supervision and control. • Support for fire walling and IPS (by software upgrade). • Control SNMP access through the use of SNMP with MD5 authentication • Implement Access Lists on the router to ensure SNMP access only to SNMP manager or the NMS workstation. 		
Other required features	<ul style="list-style-type: none"> • Ethernet interface of the router should support 802.1Q. • Support for additional Ethernet interface. • Support DHCP Server functionality. • WAN cables to connect WAN ports to MODEM (DTE) (As per No of WAN Ports). • Power Cable as per Indian Standard. • Management (Along with OEM Make Console Cable). 		
Make Offered:	CISCO/ Nortel		
Model Offered:	Details to be furnished		

Specification of Network Node Management System

S.No.	Required Parameter	Offered Parameter	Compliance (Yes/No)
1	Complete computer inventory and software inventory. Scheduled LAN audits. Fully automated and always up-to-date.		
2	Access computers remotely from anywhere, behind firewalls and NAT without port mapping or infrastructure changes.		
3	Patch Management including fully automated security patch scan, patch deployment and history.		
4	Instant notification for hardware changes, software changes, policy violations, low disk space, unapproved network access, new devices on the LAN, etc.		
5	Remotely monitor Windows system event log, application event log and security event log with user defined alerts.		
6	Complete software installations and software updates across the organization with a mouse click.		
7	Helpdesk/ Trouble Ticketing - Complete integrated trouble ticketing. User and administrator create/update. Policy based notification. Built-in online chat for support personnel and end users.		
8	Monitor network usage by machine and by application. Define policies and limit network access to only corporate-approved applications.		
9	Out-of-band management capabilities to work remotely to control the on/off power of all machines to provide routine off-hours IT services.		
10	License for at least 100 users, and must have support and upgradable feature..		

Specification of Multi Media Projector

ITEM	REQUIRED PARAMETERS	OFFERED PARAMETER	Compliance (Yes/No)
Brightness	Up to 4000 lumens.		
Lamp Hours	2500 hours		
Lamp Type	230W UHE		
Contrast Ratio	2000:1		
Weight	Should not be more that 3.5 Kg.		
Native Resolution	XGA		
Interface	Video Input Port, S-Video Input Port, RS-232C Input Port, Computer Input 1 Port, Audio Input 1 Port, USB Input Port, LAN Port, Monitor Out Port, Audio Out Port, HDMI Input Port		
DIGITAL INPUT TERMINAL	At least 1x HDMI		
MEMORY	USB Type A x 2 (for USB Memory / for Document Camera)		
Make Offered:	EPSON/ SONY/BENQ/ Hitachi or similar		
Model Offered:	Details to be furnished.		

Gigabit Layer-2 Ethernet Switches

Items	Required Parameter	Offered Parameter	Compliance (Yes/No)
	OEM Should be listed in Indian stock exchange		
Required Ports	24 10/100/BASE-T PoE ports,,2 Combo SFP Port & 2 Giga Ports		
Switching Capacity	Minimum 12.8 Gbps or More		
Forwarding Rate	Minimum 9.5 Mpps or More		
Layer 2 Features			
MAC Address Table:	8K MAC Address Table or better		
Jumbo Frame	Jumbo Frame up to 10,240bytes		
IGMP snooping	Support IGMP snooping v1, v2 and at least 256 multicast groups support		
Reliability	802.1D STP		
	Port Mirroring: One to One and One to Many,for Tx/Rx/Both		
802.3ad Link Aggregation	up to 6 groups per device, up to 8 ports per group		
VLAN	802.1Q Tagged VLAN		
	Asymmetric VLAN		
	Management Vlan		
	Voice Vlan		
	256VLAN Groups		
QoS (Quality of Service)	802.1p Class of Service (CoS)		
	4 queues Per port		
	Weighted Round Robin (WRR)		
	DSCP-based QoS		
Protection	broadcast / multicast / unicast flooding		
Management	Cable Diagnostics		
	DHCP Client		
	GUI		
	Automatically powers down ports that have no link		
	IEEE802.3af		
Make:	CISCO/Juniper/ D-Link/DIGISOL or similar		
Model offered:			

Wireless LAN Controller

Features	Required Parameter	Offered Parameter	Compliance (Yes/No)
Port Interface	No. of Module Slots: 2; 1000BASE-T PoE: 20; 1000BASE-T/SFP Combo: 4; 10GE CX4: 1 (per optional module); 10GE Small Form Pluggable (XFP): 1 (per optional module)		
Performance	Switching Capacity: 88 Gbps; Max. Packet Forwarding Rate : 65.47 Mpps; MAC Address Table Size : 8K		
Physical Features	Virtual Stacking (Single IP Management): Up to 8 Units; 19" Rackmount, 1U Height; DC Fan x 2; Internal AC Power Supply; Optional Redundant Power Supply: DPS-600; Power Over Ethernet (PoE) (Power Budget: 370W)		
Layer 2 Features	Spanning Tree (STP) 802.1d; Rapid Spanning Tree (RSTP) 802.1w; Multiple Spanning Tree (MSTP) 802.1s; Static Port Trunking (Up to 32 groups / Max. 8 ports per group); Link Aggregation LACP 802.3ad (Up to 32 groups / Max. 8 ports per group); Port Mirroring (One-to-One / Many-to-One); Jumbo Frame (9 KBytes)		
Layer 2 Multicast Features	Internet Group Management Protocol (IGMP) Snooping (v1 / v2 / v3); IGMP Snooping Groups: 1K; Host-based IGMP Snooping Fast Leave; Multicast Listener Discovery (MLD) Snooping (v1 / v2); MLD Snooping Groups: 1K		
Virtual LAN (VLAN) Features	Tagged VLAN 802.1Q (3,965 VLANs); Generic VLAN Registration Protocol (GVRP); Protocol-based VLAN 802.1v; Double VLAN (Q-in-Q); Voice VLAN; MAC-based VLAN; Subnet-based VLAN		
Layer 3 Features	Virtual Router Redundancy Protocol (VRRP); Address Resolution Protocol (ARP) Proxy		
Layer 3 Routing Features	Static Route: 128; Routing Information Protocol (RIP) (v1 / v2)		
Quality of Service (QoS) Features	8 Queues; Traffic Prioritization 802.1p; Strict Priority; Weighted Round Robin (WRR); CoS based on Switch Port; CoS based on 802.1p Priority; CoS based on VLAN ID; CoS based on MAC Address; CoS based on IP Address; CoS based on TCP/UDP Port; CoS based on Differentiated Services Code Point (DSCP); CoS based on Type of Service (ToS); Bandwidth Control (Min. Granularity : 64Kbps)		
Access Control List (ACL) Features	Access Control List (Ingress ACL); Max. ACL Profiles / Rules: 100 / 10 per ACL		
Security	Secure Shell (SSH) (v1 / v2); Secure Sockets Layer (SSL) (v3); Port Security (Max. 20 MAC Addresses per Port); Broadcast/Multicast/Unicast Storm Control (Min. Granularity: 1% Link Speed); DHCP Client Filtering		

Authentication, Authorization & Accounting (AAA) Features	802.1X Access Control; Web-Based Access Control (WAC); MAC-Based Access Control (MAC); Microsoft Network Access Protection (NAP); Guest VLAN; Dynamic VLAN Assignment; RADIUS Accounting; RADIUS Auth. For Mgm Access; TACACS+ Auth. For Mgm Access		
Management Features	Web-Based GUI; Command Line Interface (CLI); Telnet Server; Telnet Client; TFTP Client; Simple Network Management Protocol (SNMP) (v1 / v2c / v3); SNMP Trap; System Log; Remote Monitoring (RMON) (v1); sFlow; Link Layer Discovery Protocol (LLDP); BOOTP / DHCP Client; DHCP Relay; DHCP Server		
Make:	CISCO/Juniper/ D-Link/DIGISOI		
Model:			

Wireless Access Point 802.11n

Items	Required Parameter	Offered Parameter	Compliance (Yes/No)
	OEM Should be listed in Indian stock exchange		
Standards	IEEE 802.11a, 802.11b, 802.11g, 802.11n Wireless LAN		
	IEEE 802.3, 802.3u Ethernet		
	IEEE 802.1x RADIUS authentication		
	IEEE 802.3x Flow Control		
Wireless Data Transfer Rate	IEEE 802.11b up to 11Mbps		
	IEEE 802.11g up to 54Mbps		
	IEEE 802.11n up to 300Mbps		
Antennas	4 Dual band detachable omni directional antennas with reverse SMA connectors		
Ethernet Interface	10/100/BASE-T Port		
Configurable Operation Mode	Access Point only		
	Access Point with Wireless Distribution System		
	Wireless Distribution System		
Security	64/128/152-bit WEP Data Encryption		
	MAC Address Filtering: Local or RADIUS database		

	WPA/WPA2 EAP		
	WPA/WPA2 PSK		
	TKIP/AES		
	802.11i/WPA2: Supports pre-authentication and key caching for WPA2 Enterprise		
	HTTP/HTTPS		
	SSH		
	SNMP		
	Syslog		
Diagnostic LEDs	Power		
	LAN		
	WLan		
Operating Temperature & Humidity	0 to 40C		
	10% to 90% (Non-Condensing)		
Certifications	FCC Part 15 Class B		
	CE		

Make: Model:	CISCO/Juniper/ D-Link/DIGISOI or similar		

Wireless 802.11n 150 Mbps Wireless Pci Card

Items	Required Parameter	Offered Parameter	Compliance (Yes/No)
	OEM Should be listed in Indian stock exchange		
Standards	802.11b, ,		
	802.11g		
	802.11n		
Wireless Data Transfer Rate	IEEE 802.11b up to 11Mbps		
	IEEE 802.11g up to 54Mbps		
	IEEE 802.11n up to 150Mbps		
Antennas	3 DBi Dipole Antenna with RP-SMA Connector (1T1R)		
Interface	32 Bit PCI Interface		
Supported OS	Access Point only		
	Windows 2000/XP/Vista and Windows 7		
Security	WEP 64/128- BIT		
	WPA		

	WPA2		
	WPS		
CERTIFICATION	CE		
	FCC		

Make:	CISCO/Juniper/ D-Link/DIGISOI or similar		
Model:			

Firewall / UTM/Antivirus etc Specification

Features	Required Parameter	Offered Parameter	Compliance (Yes/No)
1.1	Product or OEM should be ISO 9001-2000 Certified		
1.2	OEM should have regional presence for sales & support		
1.3	Proposed appliance should support inbuilt hdd for storage of Logs & reports.		
1.4	Proposed solution should comply FCC and CE norms		
1.5	The proposed solution should match following criteria.		
	a. Hardware platform must be 64 bit		
	b. 6 number of 10/100/1000 interface with Hardware Bypass		
	c. 10000 number of new connection		
	d. 400000number of concurrent connection		
	e. 1000Mbps (TCP) Firewall throughput		
	f. 300Mbps IPS throughput		
	g. 150Mbps UTM throughput		
1.6	The proposed solution should have unrestricted user/node license.		
1.7	The proposed solution must work as standalone HTTP proxy server with integrated Firewall, Anti Virus, Anti Spam, Content filtering, IPS.		
1.8	The proposed solution must support User based policy configuration for security & internet management.		
1.9	The proposed solution should provide on appliance reports based on user not only on the base of IP address.		
	Administration, Authentication & General Configuration		
2.1	The proposed solution should support administration via secured communication over HTTPS, SSH and from Console.		
2.2	The proposed solution should be able to export and import configuration backup including user objects		
2.3	The proposed solution should support Route (Layer 3)/transparent mode (Layer 2).		

2.4	The proposed solution should support integration with Windows NTLM, Active Directory, LDAP, Radius or Local Database for user authentication.		
2.5	The proposed solution must support automatic transparent Single Sign on (ASSO) for user authentication. SSO must be proxy independent and support all applications for authentication.		
2.6	The proposed solution should support Dynamic DNS configuration.		
2.7	The proposed solution should provide bandwidth utilization graph on daily, weekly, monthly or yearly for total or individual ISP link.		
2.8	The proposed solution should provide real time data transfer/bandwidth utilization done by individual user/ip/application.		
2.9	The proposed solution should support Parent Proxy with IP/FQDN support.		
2.10	The proposed solution should support NTP.		
2.11	The proposed solution should support user/ip/mac binding functionality to map username with IP address & MAC address for security reason.		
2.12	The proposed solution should have multi lingual support for Web admin console.		
2.13	The proposed solution should support Version roll back functionality.		
2.14	The proposed solution should support session time out & Idle time out facility to forcefully logout the users.		
2.15	The proposed solution should support ACL based user creation for administration purpose.		
2.16	The proposed solution should support LAN bypass facility in case appliance is configured in Transparent mode.		
2.17	The proposed solution should support inbuilt PPPOE client and should be capable to automatically update all required configuration whenever PPPOE get changed.		
2.18	The proposed solution should support SNMP v1, v2c & v3.		
2.19	The proposed solution must be firmware based instead of normal software with capability to keep three firmware instant roll back.		
2.20	The proposed solution must provide flexible, granular role-based GUI administration.		
2.21	The proposed solution must provide support of multiple authentication servers for each module (Firewall, Different type of VPN)		
2.22	The proposed solution must support of Thin Client (Microsoft TSE, Citrix) authentication and must be able to differentiate users coming from same IP address.		
	Multiple ISP load balancing and Failover		

3.1	The proposed solution should support load balancing & failover for more than 2 ISP.		
3.2	The proposed solution should support explicit routing based on Source, Destination, Username, Application.		
3.3	The proposed solution should support weighted round robin algorithm for Load balancing.		
3.4	The proposed solution should provide option to create failover condition on ICMP, TCP or UDP protocol to detect failed ISP connection.		
3.5	The proposed solution should send alert email to admin on change of gateway status.		
3.6	The proposed solution should have Active/Active (Round Robin) and Active/Passive gateway load balancing and failover support.		
	High Availability		
4.1	The proposed solution should support High Availability Active/Passive or Active/Active		
4.2	The proposed solution should be ICSA certified High Availability solution.		
4.3	The proposed solution should send notification to admin on change of appliance status in High Availability.		
4.4	The HA traffic between two peers must be encrypted.		
4.5	The proposed solution should support Link, device & Session failure.		
4.6	The proposed solution should support automatic & manual synchronization between appliances in cluster.		
	Firewall		
5.1	The proposed solution should be standalone appliance with hardened OS.		
5.2	The proposed solution should be ICSA & Webcoast checkmark certified firewall.		
5.3	The proposed solution should support stateful inspection with user based one-to-one & dynamic NAT, PAT.		
5.4	The proposed solution must support user identity as matching criteria along with Source/Destination IP/Subnet/group, destination Port in firewall rule.		
5.5	The proposed solution should facilitate to apply unified threat policy like AV/AS, IPS, Content filtering, Bandwidth policy & policy based routing decision on firewall rule for ease of use, also unified threat controls must be applied on inter zone traffic.		
5.6	The proposed solution should support user defined multi zone security architecture.		
5.7	The proposed solution should have predefine application based on port/Signature & also support creation of custom application based on port/protocol number.		

5.8	The proposed solution should support inbound NAT load balancing.		
5.9	The proposed solution should support 802.1q VLAN tagging support.		
5.10	The proposed solution should support dynamic routing like RIP1, RIP2, OSPF, BGP4.		
5.11	The proposed solution should support Cisco compliance command line interface for Static/Dynamic routing.		
5.12	The proposed system should provide alert message on Dash Board whenever default password is not changed, non secure access is allowed & module subscription is expiring.		
5.13	The proposed system must provide Mac Address (Physical Address) based firewall rule to provide OSI Layer 2 to Layer 7 security		
5.14	The proposed solution must be support IPv6 as per www.ipv6ready.org guidelines		
5.15	The proposed solution must support 3G UMTS, GSM, GPRS modem via USB interface for VPN and Gateway Failover - Load Balancing.		
	IPS		
6.1	The proposed solution should be webcoast checkmark certified.		
6.2	The proposed solution should have signature based and protocol anomaly based Intrusion prevention system.		
6.3	The proposed solution should have 3500+ signature database.		
6.4	The proposed solution must support creation of custom IPS signature.		
6.5	The proposed solution must support creation of multiple IPS policy for different zone instead of blanket policy at interface level.		
6.6	The proposed solution must support configuration option to disable/enable category/signature to reduce the packet latency.		
6.7	The proposed solution should give username along with IP in IPS alerts and reports.		
6.8	The proposed solution should automatically takes update from update server.		
6.9	The proposed solution must support blocking of anonymous open HTTP Proxy running on 80 port or any other port & also should support client based open proxy like Ultra surf. .		
6.10	The proposed solution should able to detect & block known P2P based instant messaging application like Skype & known chat application like WLM, Rediffbol etc.		
6.11	The proposed solution should generate the alerts for attacks		
6.12	The proposed solution should generate historical reports based on top alerts, top attackers, severity wise, top victims, protocol		

	wise.		
	Gateway Anti Virus		
7.1	The proposed solution should have an integrated Anti Virus solution.		
7.2	The proposed solution should have webcoast checkmark certification for Antivirus/Anti Spyware.		
7.3	The proposed solution must work as SMTP proxy not as MTA or relay server.		
7.4	The proposed solution should support scanning for SMTP, POP3, IMAP, FTP, HTTP, FTP over HTTP protocols.		
7.5	The basic virus signature database of proposed solution should comprise complete wild list signatures and variants as well as malware like Phishing, spyware.		
7.6	The proposed solution should have facility to add signature/disclaimer in mails.		
7.7	The proposed solution must support on appliance quarantined facility and also personalized user based quarantine area.		
7.8	The proposed solution should support blocking of dynamic/executable files based on file extension.		
7.9	For SMTP traffic, the proposed solution should support following actions for infected, suspicious or protected attachments mails.		
	a. Drop mail		
	b. Deliver the mail without attachment		
	c. Deliver original mail		
	d. Notify to administrator		
7.10	The proposed solution should support multiple anti virus policy for sender/recipient email address or address group for notification setting, quarantine setting & file extension setting instead of single blanket policy		
7.11	The proposed solution should update the singature database at a frequency of less than one hour & it should also support manual update.		
7.12	For POP3 & IMAP traffic, the proposed system should strip the virus infected attachement & send notification to receipient & Admin.		
7.13	The proposed solution should scan http traffic based on username, source/destination IP address or URL based regular expression.		
7.14	The proposed solution should provide option to bypass scanning for specific HTTP traffic.		
7.15	The proposed solution should support real mode & batch mode for HTTP virus scanning.		
7.16	The proposed solution should provide historical reports based on username, IP address, Sender, Receipient & Virus Names.		

7.17	The proposed solution should have virus detection rate above 98%. Submit the required document.		
	Gateway Anti Spam		
8.1	The proposed solution should have an integrated Anti Spam solution.		
8.2	The proposed solution should have webcoast checkmark certification for Anti Spam.		
8.3	The proposed solution should have configurable policy options to select what traffic to scan for spam.		
8.4	The proposed solution should support spam scanning for SMTP, POP3, IMAP.		
8.5	The proposed solution should support RBL database for spam detection.		
8.6	The proposed solution must support mail archive option to keep copy of incoming & outgoing mails to administrator defined email address.		
8.7	The proposed solution should have multiple configurable policy for email id/address group for quarantine setting, different actions instead of blanket policy.		
8.8	The proposed solution must support on appliance quarantined facility and also personalized user based quarantine area with email release option		
8.9	The proposed solution should support real time spam detection & also supports proactive virus detection technology which detects and blocks the new outbreaks immediately and accurately.		
8.10	For Smtip traffic, the proposed solution support following actions		
	a. Tagging		
	b. Drop		
	c. Reject		
	d. Change receipient		
	e. Deliver the mail to receipient		
8.11	The proposed solution should support IP/Email address white list/Black list facility.		
8.12	The proposed solution should support option to enable/disable antispam scanning for SMTP authenticated traffic.		
8.13	The proposed solution should support spam detection using Recurrent pattern detection technology (RPD) to identify spam out breaks.		
8.14	The proposed solution should support language independent spam detection functionality.		
8.15	The proposed solution should block image based spam mails i.e. email message with text embedded in a image file.		
8.16	The proposed solution should provide historical reports based on username, IP address, Sender, Receipient & spam category.		

8.17	The proposed solution must provide Anti-Spam Message Digest feature per user.		
8.18	The proposed solution must save bandwidth by blocking 85% of spam messages at gateway level itself without downloading the message using advanced IP Reputation Filtering feature.		
	Proxy Solution Web content filtering		
9.1	The proposed solution should be webcast checkmark certified.		
9.2	The proposed solution should be integrated solution with local database instead of querying to database hosted somewhere on the internet.		
9.3	The proposed solution must work as Standalone HTTP proxy.		
9.4	The proposed solution must have 82+ web category with 40 Million URL database.		
9.5	The proposed solution must have following features inbuilt		
	a. Should be able to block HTTPS based URLs with the help of Certificates.		
	b. Should be able to block URL based on regular expression		
	c. Should support exclusion list based on regular expression		
	d. Must have support to block any HTTP Upload traffic.		
	e. Should be able to block google cached websites on based of category.		
	f. Should be able to block websites hosted on Akamai.		
	g. Should be able to identify & block requests coming from behind proxy server on the base of username & IP address.		
	h. Should be able to identify & block URL translation request.		
9.6	The proposed solution should support application control blocking features as follows		
9.7	a. Should be able to block known Chat application like Yahoo, MSN, AOL, Google, Rediff, Jabber etc		
9.8	b. Should support blocking of File transfer on known Chat application and FTP protocol.		
9.9	The proposed solution must block HTTP or HTTPS based anonymous proxy request available on the internet.		
9.10	The proposed solution should provide option to customize Access denied message for each category.		
9.11	The proposed solution should be CIPA compliant and should have predefined CIPA based internet access policy.		
9.12	The proposed solution should be able to identify traffic based on Productive, Neutral, unhealthy & non working websites as specified		

	by admin.		
9.13	The proposed solution should have specific categories that would reduce employee productivity, bandwidth choking sites and malicious websites.		
9.14	The proposed solution should able to generate reports based on username, IP address, URL, groups, categories & category type.		
9.15	The proposed solution should support search criteria in reports to find the relevant data.		
9.16	The proposed solution should support creation of cyclic policy on Daily/Weekly/Monthly/Yearly basis for internet access on individual users/group of users.		
9.17	The proposed solution should support creation of internet access time policy for individual users or on group basis.		
9.18	The proposed solution should support creation of Data transfer policy on daily/weekly/monthly/yearly basis for individual user or group basis.		
9.19	The proposed solution should support creation of cyclic data transfer policy on Daily/weekly/Monthly/yearly basis for individual user or on group.		
9.20	The proposed solution should have integrated bandwidth management.		
9.21	The proposed solution should able to set guaranteed and burstable bandwidth per User/IP/Application on individual or shared basis.		
9.22	The proposed solution should provide option to set different level of priority for critical application.		
9.23	The proposed solution should provide option to define different bandwidth for different schedule in a single policy & bandwidth should change as per schedule on the fly.		
9.24	The proposed solution must provide web category based bandwidth management and prioritization.		
9.25	The proposed solution must provide logging and extensive controls on Instant Messaging (IM) traffic for Yahoo and MSN messengers 1. Log of chat sessions for all or specific set of users. 2. Rules to control allow or deny chat, voice, web cam and file transfer for specific ID or Group of IDs. 3. Archive of transferred files. 4. Antivirus scanning on file transferred.		
	VPN		
10.1	The proposed solution should be webcast checkmark certified.		

10.2	The proposed solution should be VPNC Basic interop & AES interop certified.		
10.3	The proposed solution should support Ipsec (Net-to-Net, Host-to-Host, Client-to-site), L2tp & PPTP VPN connection.		
10.4	The proposed solution should support DES, 3DES, AES, Twofish, Blowfish, Serpent encryption algorithm.		
10.5	The proposed solution should support Preshared keys & Digital certificate based authentication.		
10.6	The proposed solution should support external certificate authorities.		
10.7	The proposed solution should support export facility of Client-to-site configuration for hassle free VPN configuration in remote Laptop/Desktop.		
10.8	The proposed solution should support commonly available Ipsec VPN clients.		
10.9	The proposed solution should support local certificate authority & should support create/renew/Delete self signed certificate.		
10.10	The proposed solution should support VPN failover for redundancy purpose where more than one connection are in group & if one connection goes down it automatically switch over to another connection for zero downtime.		
10.11	The proposed solution should have preloaded third party certicate authority including verisign/Entrust.net/Microsoft and provide facility to upload any other certificate authority.		
10.12	The proposed solution should support Threat free Ipsec/L2TP/PPTP VPN tunnel.		
10.13	The proposed solution must provide on appliance SSL-VPN solution with Web Access (Clientless), Full Tunnel and Split Tunnel control. Solution should provide per user / group SSL-VPN access (Must be free license for unlimited users)		
10.14	SSL-VPN solution should be certified by VPNC for SSL Portal / FireFox Compatibility / Java Script / Basic and Advanced Network Extensions.		
	Logging & Reporting		
11.1	The proposed solution must have On-Appliance integrated iView reporting solution.		
11.2	The proposed solution should support minimum 1000+ drill down reports.		
11.3	The proposed solution should provide reports in HTML, CSV, PDF, Excel & graphical format.		
11.4	The proposed solution should support logging of Antivirus, Antispam, content filtering, Traffic discovery, IPS, Firewall activity on syslog server.		

11.5	The proposed solution should provides detailed reports for all files uploaded via HTTP or HTTPS protocol. The report should include username/IP address/URL/File name/Date and Time.		
11.6	The proposed solution should provide data transfer reports based on the application, username, I.P. address.		
11.7	The proposed solution should provide connection wise reports for user, source IP, destination IP, source port, destination port or protocol.		
11.8	The proposed solution should have facility to send reports on mail address or on FTP server.		
11.9	The proposed system solution provides approximate 45 regulatory compliance reports for SOX, HIPPA, PCI, FISMA and GLBA compliance.		
11.10	The proposed solution should support Auditing facility to track all activity carried out Security appliance.		
11.11	The proposed solution should support multiple syslog server for remote logging.		
11.12	The proposed solution should forward logging information of all modules to syslog servers.		
11.13	The proposed solution should have configurable option for email alerts/automated Report scheduling etc.		
11.14	The proposed solution should be able to provide detailed reports about all mails passing through the firewall.		
11.15	The proposed solution should provide reports for all blocked attempts done by users/Paddress.		
11.16	The proposed solution must be capable to derive logs and reports of proprietary devices including UTMs, Proxy Firewalls, Custom Applications and Syslog-compatible devices.		
11.17	The proposed solution must be capable to provide Multiple Dashboard Report along with custom to customize the dashboards.		
11.18	The proposed inbuilt reporting solution should be capable to do the forensic analysis to help organizations reconstruct the sequence of events that occurred at the time of security breach through iView logs and reports.		

Name:-

Signature with Seal

Date:

Name & Signature:

ANNEXURE - VII

GENERAL TERMS AND CONDITION

1. Price: - Vendor should quote FOR Allahabad Municipal Corporation, Allahabad prices.
2. Project Completion Period: 2 months from the date of receipt of Purchase Order.
3. Taxes: The rates quoted for must be for FOR Allahabad Municipal Corporation, Allahabad and all taxes should be mentioned Clearly.
4. AMC: Rate of Per Year Annual Maintenance Charges(AMC) after 3 years of commissioning of the project.
5. Consignee or Bill to: The Prabhari Adhikari Computer, Allahabad Municipal Corporation, Allahabad.
6. Terms of payments :As under "Price and Payment Terms' clause
7. Corporation Rights: Municipal Commissioner, Allahabad Municipal Corporation reserves the right to accept or reject any or all the bids without assigning any reason thereof.
8. Date of bid submission: -----
9. Bid Opening date-----
10. **Technical Bid:** -----
11. Financial Bid Advise separately.

Bidders must reach the venue before the scheduled time, failing which, the bidder will not be allowed to participate in the tender.

2 Design Specifications,

The complete Network and IT Infrastructure will comprise of the following components

1. Wired LAN
2. Wireless LAN
3. Internet Connectivity
4. Network Security
5. UPS.
6. Network Operation and Monitoring.
7. Specification of High End Server