

**TENDER ENQUIRY**

**Registrar, Armed Forces Tribunal, Regional Bench, Chandigarh**

**Tender Enquiry No : AFT-CHB/GA/Networking/1254 dated 30 Nov 2016.**

**To,**

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Dear Sir,

**INVITATION FOR SUPPLY OF HARDWARE ITEMS, NET WORKING AND SOFTWARE SOLUTION FOR COURT CASE MANAGEMENT SYSTEM**

1. Bids in sealed cover are invited for supply of items listed in Part II of this Tender Enquiry. Technical and Commercial bids should be kept in separate envelopes duly marked accordingly and the two should be kept in an envelope which should be super scribed with the above mentioned Title, Tender Enquiry Number and Date of Opening of the Bids on the sealed cover to avoid the Bid being declared invalid. This set of tender enquiry should also be returned alongwith the bids, duly signed and stamped as confirmation of acceptance of contents of 'Tender Enquiry'.

2. The address and contact numbers for sending Bids or seeking clarifications regarding this Tender Enquiry are given below:-

- |     |   |   |  |
|-----|---|---|--|
| (a) | Bids/queries to be addressed to             | : | Registrar<br>Armed Forces Tribunal<br>Regional Bench, Chandigarh<br>Tank TCP, handimandir<br>Panchkula (Haryana) |
| (c) | Name/designation of the contact personal    |   | Registrar  |
| (d) | Telephone Number of the contact personnel : |   | 0172 - 2554219   |
| (e) | E-mail id of contact personnel              | : | chdaft@gmail.com   |
| (f) | Fax Number                                  | : | 0172 - 2554317   |

3. This Tender Enquiry is divided into Four Parts as follows:-

- (a) **Part I.** Contains General information and Instructions for the Bidders about the Tender Enquiry such as the time, place of submission and opening of tenders, validity period of tenders, etc.
- (b) **Part II.** Contains essential details of the items/services required, such as the Schedule of Requirements (SOR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee Details.

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- (c) **Part III.** Contains Standard Conditions of Tender Enquiry, which will form part of the Contract with the successful Bidder.
  - (d) **Part IV.** Contains Special Conditions applicable to this Tender Enquiry and which will also form part of the contract with the successful Bidder.
4. This Tender Enquiry is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the tender Enquiry, if become necessary at any stage.

Registrar

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**PART I – GENERAL INFORMATAION**

1. **Last Date and Time for Depositing the Bids.** The Sealed Bids should be deposited / reach by 1100 hours on 31 Dec 2016. The responsibility to ensure this lies with the Bidder.
2. **Manner of Depositing the Bids.** Sealed Bids should be either sent by registered post at the address given above so as to reach by the due date and time or can be deposited with Administration Branch of ARMED Forces Tribunal, Regional Bench Chandigarh during office hours. Late tenders will not be considered. No responsibility will be taken for postal delay or non-delivery/non-receipt of Bid documents Bids sent by FAX or e-mail will not be considered.
3. **Time and Date for Opening of Bids.** The bids will be opened at 1300 hours on 02 Jan 2017. If due to any exigency, the due date ie. 02 Jan 2017 for opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at the same time or on any other day/time, as intimated by the Buyer.
4. **Place of Opening of the Bids.** Office of the Registrar, Armed Forces Tribunal, Regional Bench, Chandigarh. The bidders will depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. Rates and important commercial/technical clauses quoted by all Bidders will be read out in the presence of the representatives of all the bidders. This event will not be postponed due to non-presence of representative of any firm.
5. **Forwarding of Bids.** Bids should be forwarded by Bidders under their original memo/letter pad inter alia furnishing details like TIN Number, VAT/CST Number, Bank address with NEFT Account if applicable, etc and complete postal & e-mail address of their office.
6. **Clarification Regarding Contents of the Bids.** During evaluation and comparison of bids, the Buyer may, at its discretion, ask the bidder for clarification of his bid. No change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained
7. **Rejection of Bids.** Canvassing by the Bidder in any form, unsolicited letter and post- tender correction may invoke summary rejection.
8. **Validity of Bids.** The Bids should remain valid till 180 days from the last date of submission of the Bids.
9. The technical bid will include the following documents:-
  - (a) Certificate as per Annexure. Model quoted to be clearly specified where necessary.
  - (b) Specifications of Nomenclature.
  - (c) Authorised dealer certificate.
  - (d) VAT/CST/IT Returns.
  - (e) Bank address with NEFT account.
  - (f) A copy of PAN/TIN Card.
  - (g) Registration with any Govt agency.

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10. The commercial bid will include the following:-

- (a) Bid as per format at Appendix.
- (b) Breakup of the cost to be clearly mentioned as basic cost, VAT/CST, custom duty, installation/freight charges etc.

11. Bid Security. Bidders are required to submit Bid Security (BS) @ 3% of the estimated value of the goods to be procured along with their bids. The BS may be submitted in the form of an Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the public sector banks or a private sector bank authorized to conduct government business and can be provided to remain valid for a period of forty five days beyond the final bid validity period. BS of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30<sup>th</sup> day after the award of the contract. The Bid Security of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from them as called for in the contract. BS is not required to be submitted by those Bidders who are registered with the Central Purchase Organisation (e.g. DGS&D), National Small Industries Corporation (NSIC) or any Department of MoD or MoD itself. The BS will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender. Refer Para 157 of GFR.

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**PART II - QUALITATIVE REQUIREMENT FOR PROCUREMENT AND INSTALATION OF HARADWARE AND NETWORKING ITEMS ON COURT CASE MANAGEMENT**

1.

Sr No	Item Description	A/U	Qty
1	User Access console	No	6
2	Server	No	1
3	Thin Client with 32" size LED Monitor	Nos	04
4	Thin Client with 18.5" Display Monitor	Nos	03
5	L2 Switch 24 Port	No	1
6	Switch 16 Port	No	3
7	IO Box	No	54
8	8 Port Normal Switch	No	3
9	UTP Cable 305 Mtr Box	Box	09
10	Caping & Casing	No	950
11	Firewall	No	1
12	Wall Mount Rack 4 U fully loaded	No	7
13	Patch Cord 2 Meter	No	54
14.	On Line UPS 2 KVA	No	1
15.	RJ 45 Connector	No	200

2. The above requirements are tentative. Likely to increase or decrease.

3. **Specification Details.** Firms to enclose Specification/Nomenclature of the items as per Annexure.

4. **Delivery Period.** Delivery period for supply of items would be 30 (Thirty) days from the effective date of contract. Please note that Contract can be cancelled unilaterally by the Buyer in case items are not received within the contracted delivery period. Extension of Contracted delivery period will be at the sole discretion of the Buyer, with applicability of LD clause.

5. **Terms for Delivery and Transportation.** The terms of delivery shall be Local Delivery at Armed Forces Tribunal. Regional Bench, Cahandigarh, Near ank TCP, Chandimandir, Panchkula Haryana. Rate should be quoted F.O.R. AFT, Chandimandir.

6. **Consignee Details.** The stores will be delivered and duly installed in the offices to be shown at the time of delivery at Armed Forces Tribunal. Regional Bench, Cahandigarh, Near Tank TCP, Chandimandir, Panchkula Haryana.

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**PART III — STANDARD CONDITIONS OF TENDER ENQUIRY**

**THE BIDDER IS REQUIRED TO GIVE CONFIRMATION OF THEIR ACCEPTANCE OF THE STANDARD CONDITIONS OF THE TENDER ENQUIRY MENTIONED BELOW WHICH WILL AUTOMATICALLY BE CONSIDERED AS PART OF THE CONTRACT CONCLUDED WITH THE SUCCESSFUL BIDDER (ie SELLER IN THE CONTRACT) AS SELECTED BY THE BUYER FAILURE TO DO SO WILL RESULT IN REJECTION OF THE BID SUBMITTED BY THE BIDDER**

1. **Law.** The contract shall be considered and made in accordance with the laws of the Republic of India, The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.
2. **Effective Date of the Contract.** The contract shall come into effect on the date of issue of Supply Order and shall remain valid until the completion of the obligations of the parties under the contract.
3. **Arbitration.** All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of, or relating to the Contract or relating to Construction of Performance, which cannot be settled amicably, will be resolved through arbitration subject to Chandigarh jurisdiction.
4. **Penalty for Use of Undue Influence.** The seller undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the Buyer or otherwise in procuring the contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present contract or any other contract with the Government of India for showing or forbearing to show favour or unauthorized to any person in relation to the present contract or any other contract with the Government of India. Any breach of the aforesaid undertaking by seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the seller) or the commission of any offers by the seller or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the Buyer to cancel the contract and all or any other contracts with the Seller and recover from the Seller the amount of any loss arising from such cancellation. A decision of the Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the seller towards any officer/employee of the Buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favour in relation to this or any other contract, shall render the Seller to such liability/penalty as the Buyer may deem proper, including but not limited to termination of the contract. imposition of penal damages, forfeiture of the Bank guarantee and refund of the amounts paid by the Buyer.
5. **Agents/Agency Commission.** The Seller confirms and declares to the Buyer that the Seller is the original manufacturer/Authorised dealer of the stores referred to in this Contract and has not engaged any individual or firm, whether Indian or foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of Indian or any of its functionaries, whether officially or unofficially, to the award of the contract to the Seller; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The Seller agrees that if it is established at any time to the satisfaction or recommendation. The Seller has engaged any such individual or firm

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in respect of any such intercession, facilitation or recommendation. The Seller agrees that if it is established at any time to the satisfaction of the Buyer that the present declaration is in any way incorrect or if at a later stage it is discovered by the Buyer that the Seller has engaged any such individual/firm, and paid or intended to pay any amount, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this contract, the Seller will be liable to refund that amount to the Buyer. The Seller will also be debarred from entering into any supply Contract with the Government of India for a minimum period of five years. The Buyer will also have a right to consider cancellation of the Contract either wholly or in part, without any entitlement or compensation to the Seller who shall in such an event be liable to refund all payments or compensation to the Seller who shall in such an event be liable to refund all payments made by the Buyer in terms of the Contract along with interest at the rate of 2% per annum above LIBOR rate. The Buyer will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.

**6. Access to Books of Accounts.** In case it is found to the satisfaction of the Buyer that the seller has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency Commission and penalty for use of undue influence, the Seller, on a specific request of the Buyer, shall provide necessary information/inspection of the relevant financial documents/information.

**7. Non-Disclosure of Contract Documents.** Except with the written consent of the Buyer/Seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

**8. Liquidated Damages.** In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the stores/good and conduct trials, installation of equipment, training, etc as specified in this contract, the Buyer may at his discretion, withhold any payment until the completion of the contract. The BUYER may also deduct from the SELLER as agreed, liquidated damages to the sum of 0.5% of the contract price of the delay/undelivered stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed stores.

**9. Termination of Contract.** The Buyer shall have the right to terminate this Contract in part or in full in any of the following cases :-

- (a) The delivery of the material is delayed for causes not attributable to Force Majeure for more than one month (30 days) after the scheduled date of delivery.
- (b) The Seller is declared bankrupt or becomes insolvent.
- (c) The Buyer has noticed that the Seller has acquired the services of any Indian/Foreign agent in getting this contract and aid any commission to such individual/company etc.
- (d) As per decision of the Arbitration Tribunal.

**10. Notices.** Any notice required or permitted by the contract shall be written in the English language and will be delivered personally or may be sent by FAX or registered pre-paid mail/airmail, address to the last known address of the party to whom it is sent.

**11, Transfer and Sub-Letting.** The Seller has no right to give, bargain, sell, assign or sublet or otherwise dispose off the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

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12. **Patents and other Industrial Property Rights.** The prices stated in the present Contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges, trademarks and payments for any other industrial property rights. The Seller shall indemnify the Buyer against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or use. The Seller shall be responsible for the completion of the supplies including spares, tools and technical literature aggregates irrespective of the fact of infringement of the supplies, irrespective of the fact of infringement of any or all the rights mentioned *above*.

13. **Amendments.** No provision of present Contract shall be change or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this Contract and Signed on behalf of both the parties and which expressly states to amend the present Contract.

### **Taxes and Duties**

14. If Bidder desires to ask for excise duty or Sales Tax/VAT extra or reimbursement of any Duty/Tax is intended as extra over the quoted prices; the same must be specifically stated. In the absence of any such stipulation, it will be presumed that the prices include all such Charges and no claim for the same will be entertained.

15. If a Bidder is exempted from payment of any duty/tax and does not confirm inclusive of such duty/tax so included is firm and final, he should clearly indicate the rate of such duty/tax and quantum of such duty/tax included in the price. Failure to do so may result in ignoring of such offers summarily.

16. If a Bidder is exempted from payment of any duty/tax upto any value of supplies from them, he should clearly state that no such duty/tax will be charged by him up to the limit of exemption which he may have. If any concession is available in regard to rate/quantum of any Duty/tax, it should be brought out clearly. Stipulations like, the said duty/tax was presently not applicable but the same will be charged if it becomes livable later on, will not be accepted unless in such cases it is clearly stated by a Bidder that such duty/tax will not be charged by him even if the same becomes applicable later on. In respect of the Bidders, who fail to comply with this requirement, their quoted prices shall be loaded with the quantum of such duty/tax which is normally applicable on the item in question for the purpose of comparing their prices with other Bidders.

17. Any change in any duty/tax upward/downward as a result of any statutory variation in excise taking place within contract terms shall be allowed to the extent of actual quantum of such duty/tax paid by the supplier. Similarly, in case of downward revision in any duty/tax, the actual quantum of reduction of such duty/tax shall be reimbursed to the Buyer by the Seller. All such adjustments shall include all reliefs, exemptions, rebates, concession etc, if any obtained by the Seller.

### **Sales Tax/VAT.**

18. It is desired by the Bidder to ask for Sales tax/VAT to be paid as extra, the same must be specifically stated. In the absence of any such stipulation in the bid, it will be presumed that the prices quoted by the Bidder are inclusive of sales tax an no liability of sales tax will be developed upon the Buyer.



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19. On the Bids quoting sales tax extra, the rate and the nature of Sales Tax applicable at the time of supply should be shown separately. Sales tax will be paid to the Seller at the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax and the same is payable as per the terms of the contract

**Octroi Duty & Local Taxes**

20. Normally, materials to be supplied to Government Departments against Government Contract are exempted from levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies. The local Town/Municipal Body regulations at times, however, provide for such Exemption only on production of such exemption certificate from any authorized officer. Seller should ensure that stores ordered against contract placed by this office are exempted from *levy* of Town Duty/Octroi Duty, Terminal Tax or other local taxes and duties. Wherever required, they should obtain the exemption certificate from the Buyer, to *avoid* payment of such local taxes or duties.

21. In case where the Municipality or other local body insists upon payment of these duties or taxes the same should be paid by the Seller to *avoid* delay in supplies and possible demurrage charges. The receipt obtained for such payment should be forwarded to the Buyer without delay together with a copy of the relevant act or by-laws/notifications of the Municipality of the local body concerned to enable him to take up the question of refund with the concerned bodies if admissible under the said acts or rules.

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**PART IV SPECIAL CONDITIONS OF TENDER ENQUIRY**

**THE BIDDER IS REQUIRED TO GIVE CONFIRMATION OF THEIR ACCEPTANCE OF SPECIAL CONDITIONS OF THE TENDER ENQUIRY MENTIONED BELOW WHICH WILL AUTOMATICALLY BE CONSIDERED AS PART OF THE CONTRACT CONCLUDED WITH THE SUCCESSFUL BIDDER (I.E. SELLER IN THE CONTRACT) AS SELECTED BY THE BUYER. FAILURE TO DO SO WILL RESULT IN REJECTION OF BID SUBMITTED BY THE BIDDER.**

1. **Performance Security.** The Bidder will be required to furnish a Performance Security by way of Bank Guarantee through a public sector bank or a private sector bank authorized to conduct government business for a sum equal to 7% of the contract value within 07 days of receipt of the confirmed order. Performance Bank Security should be valid upto 60 days beyond the date of warranty. Bid Security will be refunded to the successful bidder on receipt of Performance Security. Refer Rule 158 of GFR.

2. **Option Clause.** The contract will have an Option Clause, wherein the Buyer can exercise an option to procure an additional 50% of the original contracted quantity in accordance with the same terms & conditions of the present contract. This will be applicable within the currency of contract. The Bidder is to confirm the acceptance of the same for inclusion in the contract. It will be entirely the discretion of the buyer to exercise this option or not.

3. **Repeat Order Clause.** The contract will have a Repeat Order Clause, wherein the Buyer can order upto 50% quantity of the items under the present contract within six months from the date of supply/successful completion of this contract, the cost, terms & conditions remaining the same. The Bidder is to confirm acceptance of this clause. It will be entirely the discretion of the Buyer to place the Repeat order or not.

4. **Payment Terms for Sellers** 100% payment on delivery and acceptance by the user. It will be mandatory for the Bidders to indicate their bank account numbers and other relevant e-payment details so that payments could be made through ECS/NEFT mechanism instead of payment through cheques. The payment of bills will be made through PCDA, Western Command, Chandigarh on submission of the following documents by the Seller to the Paying Authority along with the bill :-

- (a) Ink-signed coy of Contingent Bill/ Seller's bill.
- (b) Ink-signed coy of Commercial invoice/Seller's bill.
- (c) Copy of Supply Order/Contract with U.O. number and date of IFA's concurrence, where required under delegation of powers.
- (d) Inspection note.
- (e) Claim for statutory and other levies to be supported with requisite documents /proof of payment such as Excise duty challan, Customs duty clearance certificate, Octroi receipt, proof of payment for EPF/ESIC contribution with nominal roll of beneficiaries, etc as applicable.
- (f) Exemption certificate for Excise duty/Customs duty, if applicable.
- (g) Guarantee/Warranty certificate.
- (h) Performance Bank guarantee/Indemnity bond where applicable.
- (i) Details for electronic payment viz Account holder's name, Bank name, Branch name and address, Account type Account number, IFSC code, MICR code (if these details are not incorporated in supply order/contract),
- (j) Any other documents/certificate that will be provided for in the supply order/contract.
- (k) User Acceptance.

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5. **Fall Clause.** The following Fall clause will form part of the contract placed on successful Bidder :-

(a) The price charged for the stores supplied under the contract by the Seller shall in no event exceed the lowest prices at which the Seller sells the stores or offer to sell stores of identical description to any persons/organization including the purchaser or any department of the Central Government or any Department of state government or any statutory undertaking the central or state government as the case may be during the period till performance of all supply orders placed during the currency of the rate contract is completed.

(b) If at any time, during the said period the Seller reduces the sale price, sells or offer to sell such stores to any person/organization including the Buyer or any Deptt. of central Govt. or any Department of the State Government or any statutory undertaking of the Central or state Government as the case may be at a price lower than the price chargeable under the contract, they shall forthwith notify such reduction or sale or offer of sale to the Director general of Supplies & disposals and the price payable under the contract for the stores of such reduction of sale or offer of the sale shall stand correspondingly reduced. The above stipulation will, however, not apply to ;.

(i) Exports by the Seller.

(ii) Sale of goods as original equipment at price lower than the prices charged for normal replacement.

(iii) Sale of goods at lower price on or after the date of completion of sale/placement of the order of goods by the authority concerned under the existing or previous Rate contracts as also under any previous contract entered into with the Central or State Govt. Depts, including their undertakings excluding joint sector companies and/or private parties and bodies.

(c) The Seller shall furnish the following certificate to the Paying Authority along with each bill for payment for supplies made against the Rate contract - "we certify that there has been no reduction in sale price of the stores of description identical to the stores supplied to the Government under the contract herein and such stores have not been offered/sold by me/us to any person/organization including the purchaser or any department of Central government of any Department of a state Government or any Statutory undertaking of the Central or State Government as the case may be upto the date of bill/the date of completin of supplies against all supply orders placed during the currency of the Rate Contract at price lower than the price charged to the government under the contract except for quantity of stores categories under sub clauses (a), (b) and (c) of sub-para (ii) above details of which are given below- .

6. **Advance Payments.** No advance payment(s) will be made

7. **Payment Authority-** PCDA Western Command, Chandigarh.

8. **Risk & Expense Clause.** Should the stores or any installation thereof not be delivered within the time or times specified in the contract documents, or if defective delivery is made in respect of the stores or any installment thereof, the Buyer shall after granting the Seller 30 days to cure the breach, be at liberty, without prejudice to the right to recover liquidated damages as a remedy for breach of contract, to declare the contract as cancelled either wholly or to the extent of such default.

9. In case of a material breach that was not remedied within 30 days, the BUYER shall, having given the right of first refusal to the SELLER be at liberty to purchase, manufacture, or procure from any other source as he thinks fit, other stores of the same or similar description to make good at the risk and cost of seller :-

(a) Such default.

(b) In the event of the contract being wholly determined the balance of the stores remaining to be delivered there under.

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10. **Specification.** The Seller guarantees to meet the specifications as per Part-II of Tender Enquiry.

11. **Packing and Marking.** The Seller shall provide packing and preservation of the equipment and spares/goods contracted so as to ensure their safety against damage in the conditions of land, sea and air transportation, transshipment, storage and weather hazards during transportation, subject to proper cargo handling. The Seller shall ensure that the stores are packed in containers, which are made sufficiently strong, and with seasoned wood. The packing cases should have hooks for lifting by crane/fork. Tags with proper marking shall be fastened to the special equipment, which cannot be packed.

12. **Inspection Authority.** The Inspection will be carried out by Consignee Acceptance Testing Board. The mode of Inspection will be User Inspection/Acceptance Testing procedure. The seller would be required to provide all test facilities at his premises at his own cost for acceptance and inspection by Buyer.

13. **Claims.** The following Claims clause will form part of the contract placed on successful Bidder :-

(a) The claims may be presented either: (I) on quantity of the stores, where the quantity does not correspond to the quantity shown in the Packing List/Insufficiency in packing, or (H) on quality of the stores, where quality does not correspond to the quality mentioned in the contract.

(b) The quantity claims for deficiency of quantity shall be presented within 45 days of completion of ATB and acceptance of goods. The quantity claim shall be submitted to the seller as GFR.

(c) The quality claims for defects or deficiencies in quality noticed during the ATB shall be presented within 45 days of completion of ATB and acceptance of goods. Quality claims shall be presented for defects or deficiencies in quality noticed during warranty period earliest but not later than 45 days after expiry of the guarantee period. The quality claims shall be submitted to the seller as per GFR.

(d) The description and quantity of the stores are to be furnished to the Seller alongwith concrete reasons for making the claims. Copies of all the justifying documents shall be enclosed to the presented claim. The Seller will settle the claims within 45 days from the date of the receipt of the claim at the Seller's office, subject to acceptance of the claim by the Seller. In case no response is received during this period the claim will be deemed to have been accepted.

(e) The Seller shall collect the defective or rejected goods from the location nominated by the Buyer and deliver the repaired or replaced goods at the same location under Seller's arrangement.

(f) Claims may also be settled by reduction of cost of goods under claim from bonds submitted by the Seller or payment of claim amount by Seller through demand draft drawn on an Indian bank, in favour of Registrar, as applicable.

(g) The quality claims will be raised solely by the Buyer and without any certification/countersignature by the Seller's representative stationed in India

14. **Training.** The seller will provide training to the concerned staff till system becomes fully functional.

15. **Response Time.** Response time to rectify the fault during warranty period will be 3 hrs.

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Appendix

**COMMERCIAL BID FOR SUPPLY AND INSTALATION OF HARDWARE ITEMS,  
NETWORKING AND SOFTWARE SOLUTION FOR COURT CASE MANAGEMENT FOR  
ARMED FORCES TRIBUNAL REGIONAL BENCH CHANDIGARH**

**Note-** Provide details of price of all items. Failure to provide details will render bid invalid.

(a) Items

Ser No	Item Description	A/U	Qty	Basic Cost (Rs)	CST/ VAT/ any other tax	Total Price(In Figure)	Total Price(In Words)	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
1	User Access console	No	6					
2	Server	No	1					
3	Thin Client with 32" size LED Monitor	Nos	04					
4	Thin Client with 18.5" Display Monitor	Nos	03					
5	L2 Switch 24 Port	No	1					
6	Switch 16 Port	No	3					
7	IO Box	No	54					
8	8 Port Normal Switch	No	3					
9	UTP Cable 305 Mtr Box	Box	09					
10	Caping & Casing	No	950					
11	Firewall	No	1					
12	Wall Mount Rack 4 U fully loaded	No	7					
13	Patch Cord 2 Meter	No	54					
14.	On Line UPS 2 KVA	No	1					
15.	RJ 45 Connector	No	200					
16.	<b>Total Basic Price</b>							
17.	Installation and Commissioning Charges							

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
18	<b>Vat</b>						
	(i) Total Amount on VAT is levies						
	(ii) VAT Percentage						
	(j) VAT Amount						
19	<b>Service Tax</b>						
	(i) Total Amount on Service Tax is levies						
	(ii) service Tax Percentage						
	(iii) Service Tax Amount						
19	<b>Total Cost of the Project (16 + 17 + 18 + 19)</b>						

- (b) Accessories :
- (c) Training :
- (d) Technical literature :
- (e) Tools :
- (f) Any other requirement :
- (g) Warranty period.
- (g) **AMC** :-
- (i) Total Amount on AMC is levies
- (ii) AMC percentage with spares
- (iii) AMC Percentage without spares

Date:  
Place:

Company Seal

(Authorised Sig of Company)

**Annexure**

**Quantity Required and Technical Specification  
for Hardware and Networking**

<b>Sr No</b>	<b>Item Description</b>	<b>A/U</b>	<b>Qty</b>
1	User Access console	No	6
2	Server	No	1
3.	Thin Client with 32" size LED Monitor	Nos	04
4.	Thin Client with 18.5" Display Monitor	Nos	03
5	L2 Switch 24 Port	No	1
6	Switch 16 Port	No	3
7	IO Box	No	54
8	8 Port Normal Switch	No	3
9	UTP Cable 305 Mtr Box	Box	09
10	Caping & Casing	No	950
11	Firewall	No	1
12	Wall Mount Rack 4 U fully loaded	No	7
13	Patch Cord 2 Meter	No	54
14	On Line UPS 2 KVA	No	1
15	RJ 45 Connector	No	200

**Note : Above requirements are tentative may increase or decrease.**

**TECHNICAL SPECIFICATION**

**1. User Access console:**

<b>Ser No</b>	<b>Technical Specification</b>		<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
A	Processor	Core i3 4th Gen or above		
B	Memory	4 GB PC-3 1600 MHz		
C	Storage/Harddisk	1TB or higher		
D	Optical Drive	DVD Recordable		
E	Back Port	1 x VGA, 1 x HDMI, 2 x USB 3.0, 2 x USB 2.0, 3-in-1 Audio (Mic-in, Line-in, Line-out), LAN 10/100/1000		
F	Front Port	2 x USB 2.0, 2 Audio (Mic-in, Line-out)		
G	Monitor	18" LED Monitor		
H	Keyboard & Mouse	Standard USB Key Board and Mouse		
I	Operating System	Win 10 or higher		

**2. Server.**

A	Form factor/height	Tower		
B	Processor (max)	Intel Xeon E3-1200v2 series (quad-core) up to 2.1 GHz/8 MB/1600 MHz or higher		
C	Number of processors	one		



<b>Ser No</b>	<b>Technical Specification</b>		<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
D	Cache (max)	8 MB (processor and model dependent)		
E	Memory installed	32 GB 1600 MHz DDR-3 UDIMMs via 4 DIMM slots		
F	Expansion slots	4 PCIe slots (x16, x8, x4, x1)		
G	Disk bays (total)	3.5" simple swap 4 Serial ATA (SATA)		
H	internal storage	2 GBSata HDD		
I	Network interface	Integrated dual Gigabit Ethernet		
J	Power supply (std/max)	350 W fixed or 80-PLUS® certified 300 W fixed		
K	RAID support	ServeRAID-C100 for System x supports integrated RAID-0, -1; supports hardware RAID-0, -1, -10, -5, -6 for advanced data protection		
l	Operating systems supported	Microsoft Windows Server 2012/Microsoft Windows Server 2008 R2/Microsoft Windows Server 2008, SBS 2011, Red Hat Linux, SUSE Linux		
M	Monitor	18.5" LCD Monitor		
N	Key Board and Mouse	Standard Key Board and Optical Mouse		

3. **Thin Client with 32" size LED Monitor.**

Ser No	Desired Specification/Qualitative Requirement		Compliance (YES/NO)	Deviation (If Any)
<b>A</b>	<b>32" size LED Monitor</b>			
i)	Display feature	LED Full HD		
ii)	Screen Size	32 Inch		
iii)	Connectivity	HDMI, USB, VGA		
iv)	Resolution	1366X786 or better		
v)	Number of Speakers	2 No		
vi)	Should have Table top Stand and Wall mount			

4. **Thin Client with 18.5" Display Monitor**

i)	Processor	Dual Core or higher		
ii)	RAM	2 GB DDR 3		
iii)	Storage	500 GB		
iv)	Monitor	18"		
v)	Keyboard and Mouse	Standard USB key board and Mouse		

5. **L2 Switch 24 Port**

Sr No	Desired Specification/Qualitative Requirement	Compliance (YES/NO)	Deviation (If Any)
<b>1</b>	<b><u>Edge Switch (Layer 2)</u></b>		
<b>1.1</b>	<b><u>Architecture</u></b>		
(a)	Switch should have minimum 24 10/100/1000 Mbps ports and 4 SFP ports for fiber uplinks		
<b>1.2</b>	<b><u>Performance</u></b>		
(a)	Switch shall have Non-blocking architecture with minimum 56Gbps Switching Capacity and minimum 41.7 Mbps packet forwarding rate or higher		
(b)	The Switch shall support Min. 16K Mac address.		
<b>1.3</b>	<b><u>Layer 2 Features</u></b>		
(a)	The Switch shall support IGMP Snooping v1,v2 with minimum 250 multicast groups support.		
(b)	The Switch should support Spanning tree protocols as per IEEE standards IEEE 802.1d, IEEE 802.1w		
(c)	The Switch should support IEEE 802.3ad Link Aggregation		

<b>Sr No</b>	<b>Desired Specification/Qualitative Requirement</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
(d)	The switch should have Port Mirroring One to one /Many to One		
(e)	The switch shall support loop detection created by port or VLAN and automatically shut down that affective port or VLAN.		
(f)	It should support LLDP and LLDP-MED		

<b>1.4</b>	<b><u>VLAN</u></b>		
(a)	The LAN switch should have IEEE 802.1Q VLAN encapsulation, up to 4000 VLAN IDs.		
(b)	It Should Support Asymmetric VLAN		
(c)	It should support Voice VLAN		
<b>1.5</b>	<b><u>Quality of Service</u></b>		
(a)	It should support 802.1p Priority Queues (8 Queues)		
(b)	Switch shall support for QOS mechanisms Strict Priority Queue (SPQ) and Weighted Round Robin (WRR)		
(c)	Shall support Rate Limiting functions on per port to guarantee bandwidth in increments should be as low as 64 Kilobits per Second.		
<b>1.7</b>	<b><u>OEM Terms</u></b>		
(a)	Manufacturer should have ISO 9001:2008 Certification for Quality Management System.		
(b)	Manufacturer should have ISO 14001:2004 Certification for Environmental Management System.		
<b>1.6</b>	<b><u>Network Security</u></b>		
(a)	The LAN Switch should have the capability to support access list based on IPv4/v6 address, Protocol type, VLAN-ID, MAC-ID, DSCP, IPv6 traffic class, TCP/UDP Port, Switch port.		

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
(b)	The Switch should support minimum 50 Access Control Entries.		
(c)	It should support SSHv2, SNMPv3 to provide network security by encrypting administrator traffic during Telnet and SNMP sessions.		
(d)	It should support ; Local database ;RADIUS authentication		
(e)	It should support DHCP snooping and to allow administrators to ensure consistent mapping of IP to MAC addresses.		
(f)	It should support port security to secure the access to an access or trunk port based on MAC address and it should be minimum 60 MAC-ID per port		
(g)	It should have IP-MAC-Port binding.		
(h)	Switch should support IPv6 Neighbor Discovery or Equivalent		
<b>1.7</b>	<b><u>OAM</u></b>		
(a)	Switch should support Virtual Cable Test or equivalent cable diagnostics functionality		
<b>1.8</b>	<b><u>Management</u></b>		
(a)	It should support SNMPv1, v2c, v3 and Telnet interface to deliver comprehensive in-band management		
(b)	It should support TFTP to reduce the cost of administering software upgrades by downloading from a centralized location.		
(c)	It should support Network Timing Protocol (NTP/SNTP) to provide an accurate and consistent timestamp to all intranet switches.		
(d)	Switch should consume less power through auto-detection of link status, LED or Port Shut off etc.		
<b>1.9</b>	<b><u>Product Certifications</u></b>		
(a)	It should have CE, FCC, UL, C-Tick, VCCI, CCC		

## 6. Switch 16 Port

Ser No	Desired Specification/Qualitative Requirement	Compliance (YES/NO)	Deviation (If Any)
	<b>No of Port</b>   Eight 10/100/1000 Mbps Fast Ethernet ports		
	Switch should have <b>Auto-Sensing 10/100/1000 Ports features</b>		
	Switch should have <b>Auto MDI/MDIX Crossover features</b>		
	Store-and-forward switching scheme		
	Full/half-duplex for Ethernet/Fast		
	IEEE 802.3x Flow Control		
	Plug-and-play installation		
	<b>Standards-ff</b> -IEEE 802.3 10BASE-T Ethernet (twisted-pair copper)ff -IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair -copper)ff -ANSI/IEEE 802.3 NWay auto-negotiationff -IEEE 802.3x flow controlff -IEEE 802.3az Energy-Efficient Ethernet (EEE)		
	<b>Transmission Method-ff</b> Store-and-forward		
	<b>MAC Address Table-ff</b> 1K entries per device		

## 7. IO Box

Ser No	Specification	Compliance (Yes/No)	Deviation If Any
	Information Outlet Box should support Cat5 Patch cord		
	Information Outlet Box should fix on wall surface		
	Information Outlet Box should ISI standard make		

8 **8 Port Normal Switch**

<b>Ser No.</b>	<b>Qualitative Requirements (QRs)</b>	<b>Compliance</b>	<b>Deviation (if any)</b>
1.	<b>8 Port Normal Switch</b>		
	(a) Usable Height :6U 600 mm		
	(b) Usable Width : 19"		
3.	<b>Material Used for fabrication</b>		
	(a) CRCA Steel Sheet		
4.	<b>Thickness of Material</b>		
	(a) Rack of Height 6U		
5.	<b>Powder Coating</b>		
	(a) Coat Thickness = 50 - 70 microns		
	(b) Scratch Resistance =2 Kgs		
6.	<b>Other Features</b>		
	a) Lockable front tinted glass door		
	b) Top and Bottom cable entry provision at rear		
	c) Fixed louvered side panels and top panel slotted (For ation)		
	d) Lockable Rear steel door		
	e) Optional Removable side panels.		
	f) Manufacturing Process Conforms to ISO 9001- 2000 ards		
	g) Power Strip 01x 5 socket will be supplied along with rack wer supply.		

9. **UT Cable 305 Mtr Box**

<b>Ser No</b>	<b>Technical Specification</b>		<b>Compliance (Yes/No)</b>	<b>Deviation If Any</b>
	Conductor	24 AWG, Multi Cores (Solid)		
	Conductor Metal	Bare Copper		
	Jacket Hardness	55P (84A +3A Shore)		
	Heat Resistance	60 Degree min		

10. **PVC Caping & Casing**

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (Yes/No)</b>	<b>Deviation If Any</b>
1	ISI Make PVC Caping& Casing with Generic Specification	Yes/No	

## 11. Firewall

<b>Ser No</b>	<b>Specification</b>	<b>Compliance (Yes/No)</b>	<b>Deviation If Any</b>
1	Should also have application intelligence for commonly used TCP/IP protocols like telnet, ftp etc.	Yes/No	
2	Should be rack mountable.	Yes/No	
3	Should be managed with Local Management.	Yes/No	
4	Should have integrated network Intrusion Prevention (NIPS) Module	Yes/No	
5	Should have integrated module for IPSEC & SSL VPN	Yes/No	
6	The proposed solution should support administration via secured communication over HTTPS, SSH and from Console.	Yes/No	
7	Should be supplied with the support for static and dynamic routing capabilities.	Yes/No	
8	Solution should support appliance, hardware, or virtual machine	Yes/No	
9	Should Support High availability (Active/Active & Active /standby)	Yes/No	
10	UTM should be fully featured with Firewall /Anti Virus/Anti Spam/IPS/Content Filtering and On Appliance reporting feature No additional Application for reporting	Yes/No	
11	Should Support IPv6 Ready	Yes/No	
12	Solution should support browser-based End User Self service option for Mail Quarantine, Mail Logs , Sender whitelist & Blacklist, Remote Access , HTTPS Proxy Etc..	Yes/No	

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
13	Licensing of the Gateway Security devices should be available.	Yes/No	
14	Should have integrated QoS / Bandwidth Management Module	Yes/No	
15	The security system should have Graphical real-time and historical monitoring.	Yes/No	
16	The system must work as standalone HTTP proxy server with integrated Firewall, Anti Virus, Anti Spam, Content filtering, IPS.	Yes/No	
17	System should support SNMP v1, v2c & v3.	Yes/No	
18	The system should have unrestricted user/node license.	Yes/No	
19	Should support user/IP/MAC binding functionality to map username with IP address & MAC address for security reason.	Yes/No	
	<b>Interface and Connectivity Requirements</b>		
20	The platform must be supplied with at least 6 number of 10/100/1000Mbps interfaces on Copper or higher	Yes/No	
21	The device should have 2 USB Port with one console port (RJ 45)		
22	The platform should support VLAN tagging	Yes/No	
23	should provide bandwidth utilization graph on daily, weekly, monthly or yearly for total or individual ISP link.	Yes/No	
	<b>Performance Requirements</b>		
24	Network Security Solution should support 125,000 Concurrent connections or better.	Yes/No	
25	Network Security Solution should support 4,000 new connections/second or better.	Yes/No	
26	Should have firewall large packet throughput of 1.25 Gbps or better.	Yes/No	
27	Should have integrated IPS throughput of 200Mbps with most common IPS signatures policy	Yes/No	
28	Should support Anti Virus throughput 250 Mbps or higher	Yes/No	
29	Should have minimum 75 IPSec tunnel or better	Yes/No	
30	Should support unlimited authenticated users.	Yes/No	



<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
31.	Should support 50 SSL VPN concurrent users	Yes/No	
32	It should support 1 Gbps firewall throughput (TCP)	Yes/No	
33	Should support Active-Active configuration in order for future clustering with 2 appliances	Yes/No	
34	The proposed solution must work as standalone HTTP proxy server with integrated Firewall, Anti Virus, Anti Spam, Content filtering, IPS,AV	Yes/No	
35	The proposed solution must support User based policy configuration for security & internet management.	Yes/No	
36	The proposed solution should support Web Application Firewall to protect web servers hosted in the network for protection against SQL Injections, Cross-Site Scripting (XSS), Session Hijacking, URL Tampering, Cookie Poisoning with Extensive reporting and Logging.	Yes/No	
	<b>Administration, Authentication &amp; General Configuration</b>		
37	The proposed solution should support administration via secured communication over HTTPS & SSH	Yes/No	
38	The proposed solution should be able to export and import configuration backup including user objects	Yes/No	
39	The proposed solution should support Route (Layer 3)/transparent mode (Layer 2).	Yes/No	
40	The proposed solution should support integration with Windows NTLM, Active Directory, LDAP, Radius or Local Database for user authentication.	Yes/No	
41	Clientless directory integration should support	Yes/No	
42	The proposed solution should provide real time data transfer/bandwidth utilization done by individual user/IP/application.	Yes/No	
43	The proposed solution should support NTP.	Yes/No	

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
44	The proposed solution should have multi lingual support for Web admin console.	Yes/No	
45	The proposed solution should support session time out & Idle time out facility to forcefully logout the users.	Yes/No	
46	The proposed solution should support ACL based user creation for administration purpose.	Yes/No	
47	The proposed solution should support inbuilt PPPOE client and should be capable to automatically update all required configuration whenever PPPOE get changed.	Yes/No	
48	The proposed solution should support SNMP v2c& v3.	Yes/No	
49	The proposed solution must provide flexible, granular role-based GUI administration.	Yes/No	
50	The proposed solution must provide support of multiple authentication servers for each module (Firewall, Different type of VPN)	Yes/No	
51	The proposed solution must support of authentication and must be able to differentiate users coming from same IP address.	Yes/No	
52	Multiple ISP load balancing and Failover	Yes/No	
53	The proposed solution should support explicit routing based on Source, Destination, Username and Application.	Yes/No	
54	The proposed solution should support weighted round robin algorithm for Load balancing.	Yes/No	
55	The proposed solution should provide option to create failover condition on ICMP, TCP or UDP protocol to detect failed ISP connection.	Yes/No	
56	The proposed solution should send alert email to admin on change of gateway status.	Yes/No	

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
57	The proposed solution should have Active/Active (Round Robin) and Active/Passive gateway load balancing and failover support.	Yes/No	
58	The proposed solution should be standalone appliance with hardened OS.	Yeas/No	
59	The proposed solution should be ICASA & checkmark certified firewall.	Yes/No	
60	The proposed solution should support stateful inspection with user based one-to-one & dynamic NAT	Yes/No	
61	The proposed solution must support user identity as matching criteria along with Source/Destination IP/Subnet/group, destination Port in firewall rule.	Yes/No	
62	The UTM must have SIP-enabled.	Yes/No	
63	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.	Yes/No	
64	The proposed solution should support user defined multi zone security architecture.	Yes/No	
65	The proposed solution should have predefine application based on port/Signature & also support creation of custom application based on port/protocol number.	Yes/No	
66	The proposed solution should support inbound NAT load balancing.	Yes/No	
67	The proposed solution should support 802.1q VLAN tagging support.	Yes/No	
68	The proposed solution should must have User/MAC binding for authentication	Yes/No	
	<b>IPS</b>		
69	The proposed solution should be checkmark certified.	Yes/No	
70	The proposed solution should have signature based and protocol anomaly based Intrusion prevention system.	Yes/No	
71	The proposed solution should have 3500+ signature database.	Yes/No	

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation)</b>
72	The proposed solution must support configuration option to disable/enable/category/signature to reduce the packet latency.	Yes/No	
73	The proposed solution should give username along with IP in IPS alerts and reports.	Yes/No	
74	The proposed solution should automatically takes update from update server.	Yes/No	
75	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. .	Yes/No	
76	The proposed solution should able to detect & block known P2P based instant messaging application like Skype & known chat application like WLM, Rediffbol etc.	Yes/No	
77	The proposed solution should generate the alerts for attacks	Yes/No	
78	The proposed solution should generate historical reports based on top alerts, top attackers, severity wise, top victims, protocol wise.	Yes/No	
	<b>Gateway Anti Virus</b>		
79	The proposed solution should have an integrated dual Anti Virus solution.	Yes/No	
80	The proposed solution should have webcoast checkmark certification for Anti virus/Anti Spyware.	Yes/No	
81	The basic virus signature database of proposed solution should comprise complete wild list signatures and variants as well as malware like Phishing, spyware.	Yes/No	
82	The proposed solution should have facility to add signature/disclaimer in mails.	Yes/No	
83	The proposed solution must support on appliance quarantined facility and also personalized user based quarantine area.	Yes/No	
84	The proposed solution should support blocking of dynamic/executable files based on file extension.	Yes/No	
85	For SMTP traffic, the proposed solution should support following actions for infected, suspicious or protected attachments mails.	Yes/No	
	a.Drop mail	Yes/No	
	b.Deliver the mail without attachment	Yes/No	
	c.Deliver original mail	Yes/No	
	d.Notify to administrator	Yes/No	

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
	<b>Gateway Anti Spam</b>		
86	The proposed solution should have an integrated Anti Spam solution.	Yes/No	
87	The proposed solution should have checkmark certification for Anti Spam.	Yes/No	
88	The proposed solution should have configurable policy options to select what traffic to scan for spam	Yes/No	
89	The proposed solution should support spam scanning for SMTP & POP3.	Yes/No	
90	The proposed solution should support RBL database for spam detection.	Yes/No	
91	The proposed solution must support mail archive option to keep copy of incoming & outgoing mails to administrator defined email address.	Yes/No	
92	The proposed solution should have multiple configurable policy for email id/address group for quarantine setting, different actions instead of blanket policy.	Yes/No	
93	The proposed solution must support on appliance quarantined facility and also personalized user based quarantine area with email release option	Yes/No	
94	The proposed solution should support real time spam detection & also supports proactive virus detection technology which detects and blocks the new outbreaks	Yes/No	
95	immediately and accurately.	Yes/No	
96	For SMTP traffic, the proposed solution support following actions	Yes/No	
	a.Tagging	Yes/No	

	b.Drop	Yes/No	
	c.Reject	Yes/No	
	d.Change recipient	Yes/No	
	e.Deliver the mail to recipient	Yes/No	
97	The proposed solution should support IP/Email address white list/Black list facility.	Yes/No	
98	The proposed solution should support option to enable/disable anti spam scanning for SMTP authenticated traffic.	Yes/No	

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
99	The proposed solution should support spam detection using Recurrent pattern detection technology (RPD) to identify spam out breaks.	Yes/No	
100	The proposed solution should support language independent spam detection functionality.	Yes/No	
101	The proposed solution should block image based spam mails i.e. email message with text embedded in a image file.	Yes/No	
102	The proposed solution should provide historical reports based on username, IP address, Sender, Recipient & spam category.	Yes/No	
103	The proposed solution must provide Anti- Spam Message Digest feature per user.	Yes/No	
104	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.	Yes/No	
105	Email quarantine & historical log	Yes/No	
	<b>Proxy Solution Web content filtering</b>		
106	The proposed solution should be webcoast checkmark certified.	Yes/No	
107	The proposed solution should be integrated solution with local database instead of querying to database hosted somewhere on the internet.	Yes/No	
108	The proposed solution must work as Standalone HTTP proxy.	Yes/No	
109	The proposed solution must have 60+ web categories with 35 Million URL database.	Yes/No	
110	The proposed solution must have following features	Yes/No	

	inbuilt		
111	Should able to block HTTPS based URLs with the help	Yes/No	
112	of Certificates.	Yes/No	
113	Should able to block URL based on regular expression	Yes/No	
114	Should support exclusion list based on regular expression	Yes/No	
115	Must have support to block any HTTP Upload traffic.	Yes/No	



<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
116	Should able to block Google cached websites on based of category.	Yes/No	
117	Should able to block websites hosted on Akamai.	Yes/No	
118	Should able to identify & block requests coming from	Yes/No	
119	behind proxy server on the base of username & IP address.	Yes/No	
120	Should able to identify & block URL translation request.	Yes/No	
121	The proposed solution should be able to identify traffic based on Productive, Neutral,unhealthy&non working websites as specified by admin.	Yes/No	
122	The proposed solution should have specific categories that would reduce employee productivity, bandwidth choking sites and malicious websites.	Yes/No	
123	The proposed solution should able to generate reports based on username, IP address, URL, groups, categories & category type.	Yes/No	
124	The proposed solution should support search criteria in reports to find the relevant data.	Yes/No	
125	The proposed solution should support creation of cyclic policy on Daily/Weekly/Monthly/Yearly basis for internet access on individual users/group of users.	Yes/No	
126	The proposed solution should support creation of internet access time policy for individual users or on group basis.	Yes/No	
127	The proposed solution should support creation of Data transfer policy on daily/weekly/monthly/yearly basis for individual user or group basis.	Yes/No	

128	The proposed solution should support creation of cyclic data transfer policy on Daily/weekly/Monthly/yearly basis for individual user or on group.	Yes/No	
129	The proposed solution should have integrated bandwidth management.	Yes/No	
130	The proposed solution should able to set guaranteed and burstable bandwidth per User/IP/Application on individual or shared basis.	Yes/No	
131	The proposed solution should provide option to set different level of priority for critical application.	Yes/No	

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
132	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.	Yes/No	
133	The proposed solution must provide web category based bandwidth management and prioritization.	Yes/No	
134	The proposed solution must provide logging and extensive controls on Instant Messaging (IM) traffic for Yahoo and MSN messengers	Yes/No	
135	a. Log of chat sessions for all or specific set of users.	Yes/No	
136	b. Rules to control allow or deny chat, voice, web cam and file transfer for specific ID or Group	Yes/No	
137	c. Archive of transferred files.	Yes/No	
138	d. Antivirus scanning on file transferred.	Yes/No	
	<b>VPN</b>		
139	The proposed solution should have 3DES, DES, AES, Twofish, Blowfish,	Yes/No	
140	The proposed solution should have IPSec NAT Traversal	Yes/No	
141	The proposed solution should have Domain name support for tunnel end points	Yes/No	
142	The proposed solution should have VPN connection redundancy	Yes/No	
143	The proposed solution should have Overlapping Network support and External Certificate Authority support	Yes/No	
	<b>Logging &amp; Reporting</b>		

144	The proposed solution should support logging of Antivirus, Anti spam, content filtering, Traffic discovery, IPS, Firewall activity on syslog server.	Yes/No	
145	The proposed solution should provide detailed reports for all files uploaded via HTTP or HTTPS protocol. The report should include username/IP address/URL/File name/Date and Time.	Yes/No	
146	The proposed solution should provide data transfer reports on the base of application username, IP address.	Yes/No	
147	The proposed solution should provide connection wise reports for user, source IP, destination IP, source port, destination port or protocol.	Yes/No	

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
148	The proposed solution should have facility to send reports on mail address or on FTP server.	Yes/No	
149	The proposed solution should support Auditing facility to track all activity carried out Security appliance.	Yes/No	
150	The proposed solution should support multiple syslog servers for remote logging.	Yes/No	
151	The proposed solution should forward logging information of all modules to syslog servers.	Yes/No	
152	The proposed solution should have configurable option for email alerts/automated Report scheduling.	Yes/No	
153	The proposed solution should be able to provide detailed reports about all mails passing through the firewall.	Yes/No	
154	The proposed solution should provide reports for all blocked attempts done by users/IP address.	Yes/No	
155	The proposed solution must be capable to derive logs and reports of proprietary devices including UTMs, Proxy Firewalls, Custom Applications and Syslog-compatible devices.	Yes/No	
156	The proposed solution must be capable to provide Multiple Dashboard Report along with custom to customize the dashboards.	Yes/No	
157	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	Yes/No	

## 12. Wall Mount Rack 4U Fully loaded

Ser No.	Qualitative Requirements (QRs)	Compliance	Deviation (if any)
1.	<b>42 U Floor Standing Rack for Server</b>		
	(a) Usable Height :42U		
	(b) Usable depth : 30"		
2.	<b>Material Used for fabrication</b>		
	(a) CRCA Steel Sheet		
3.	<b>Thickness of Material</b>		
	(a) Rack of Height 42U		

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
4.	<b>Powder Coating</b>		
	(a) Coat Thickness = 50 - 70 microns		
	(b) Scratch Resistance =2 Kgs		
5.	<b>Other Features</b>		
	(a) Lockable front tinted glass door		
	(b) Top and Bottom cable entry provision at rear		
	(c) Fixed louvered side panels and top panel slotted (For Ventilation)		
	(d) Lockable Rear steel door		
	(e) Optional Removable side panels.		
	(f) Manufacturing Process Conforms to ISO 9001- 2000 Standards		
	(g) Power Strip 01x 5 socket will be supplied along with rack for power supply.		

### 13. Patch Cord 2 Meter

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
(a)	4 Pairs Unshielded Twisted Pair (UTP) Cable 24		
(b)	Conductor Metal: Bare Copper 72V DC (max)		

(c)	Conductor: 24 AWG 72 Ohm (max)		
(d)	Insulation Material: HD-PE 1000V rms for 60s (min)		
(e)	Jacket Material: PVC UL94V-0		



14 . Online UPS 2KVA:

S.No	Specifications	Complied	Deviation
	<b>2 KVA Online UPS with 60 Min Backup</b>		
<b>a</b>	The UPS to have following features:-		
	(i) AC Input Voltage Range. 180 - 280 V AC, 1 Phase		
	(ii) Input Frequency. 50Hz $\pm$ 5 % (To be suitable to operate on Generators).		
	(iii) AC Output Voltage.230 V AC, 1-phase $\pm$ 1% (Single Wave Output).		
	(iv) Output Frequency. 50 Hz $\pm$ 1% Hz.		
	(v) Inverter Efficiency. 90% or higher .		
	(vi) Overload Capacity. Minimum 110% for 10 minutes, 150% for 60 seconds.		
	(viii) Harmonic Distortion. Max upto 3%.		
	(ix) Isolation transformer To be inbuilt to fully isolate UPS output.		
	(x) Ambient Conditions. Operating Temp: 0-50 Deg C, Relative Humidity: 95% Max.		
	(xi) Indications & Audible Alarms. Mains On, Inverter On, Overload, Load On Mains, Load On Battery and Battery Low and other indications required for smooth functioning.		
	(xii) Digital Metering. Digital display for measurement of AC Voltage, Battery voltage, Battery Current, Load Current, Output frequency		

	(xiii) Battery Back-up. System to be capable of providing battery back-up for min 60 mins using Sealed Maintenance Free Batteries		
	Manufacture should have manufacturing facility in India. Please provide address		

**15. RJ 45 Connector.**

<b>Ser No</b>	<b>Technical Specification</b>	<b>Compliance (YES/NO)</b>	<b>Deviation (If Any)</b>
(a)	Connector Type-RJ-45 8P for Transparence color.		
(b)	Connetor Should have Gold plated: 30U”		
(c)	Contact blade: Phosphor Bronze		
(d)	Insulation resistance: 35M Ohm (max.)		