



SOUTH ASIAN UNIVERSITY



Request For eProposals on Supply, Installation & Support of IT Hardware at SAU

REQUEST FOR ePROPOSALS

RFP NO. ICT/RFP/2509201701

South Asian University
(a University established by SAARC nations)

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Table of Contents

1.	Data Sheet.....	3
2.	Background Information.....	3
3.	Instructions to Bidders.....	4
3.1.	General.....	4
3.2.	Compliant Tenders / Completeness of Response.....	4
3.3.	Clarifications & Amendment of RFP Document.....	4
3.4.	Right to Reject any or all Proposals.....	5
3.5.	Bid security / Earnest Money Deposit (EMD).....	5
3.6.	Span of Engagement.....	6
3.7.	Submission of Responses.....	6
3.8.	Preparation of Proposal.....	6
3.9.	Submission, Receipt and Opening of Proposals.....	7
3.10.	Proposal Evaluation.....	8
3.10.1.	Initial Scrutiny.....	8
3.10.2.	Eligibility – Minimum Qualification Criteria.....	8
3.10.3.	Technical Qualification Criteria.....	9
3.10.4.	Proposal Evaluation – Financial.....	10
3.10.5.	Proposal Evaluation – Scoring.....	11
3.11.	Award of Contract.....	11
3.12.	Performance Security / Guarantee.....	11
3.13.	Fraudulent & Corrupt Practices.....	12
3.14.	Delay in Bidder's Performance.....	12
3.15.	Resolution of Disputes.....	12
3.16.	Scope of Work.....	13
3.16.1.	Requirements.....	13
3.17.	Deliverables & Timelines.....	13
3.18.	Right to Alter Quantities.....	14
3.19.	Prices & Payment Terms.....	14
3.20.	Comprehensive Warranty Services.....	14
3.21.	Termination Clause.....	14
4.	Bid Forms.....	16
4.1.	Form 1 – Technical Proposal Index.....	16
4.2.	Form 2 – Power of Attorney of Authorized Signatory.....	17
4.3.	Form 3 – Technical Proposal Submission Form.....	18
4.4.	Form 4 – Turnover Certificate.....	20
4.5.	Form 5 – Manufacturers' Authorization Form.....	21
4.6.	Form 6 – Eligibility Experience.....	22
4.7.	Form 7 – Organization Details.....	23
4.8.	Form 8 – Page Numbering Certificate.....	24
4.9.	Form 9 – Format of Bank Guarantee for Bid Security (EMD).....	25
4.10.	Form 10 – Form of Bank Guarantee for Performance Security.....	27
4.11.	Form 11 – UTM/NGFW Specifications & Compliance.....	29
4.12.	Form 12 – Server Specifications & Compliance.....	32
4.13.	Form 13 – Financial Bid.....	33

1. Data Sheet

Reference	Description
3.7	<p><u>Tender submissions</u>: can ONLY be made through online mode at www.tenderwizard.com/SAU</p> <p>For detailed Tender Documents / Details / downloads and for any other correction / amendments / modification / extension till the last date of submission of bids, please visit websites: http:// www.sau.int or http://www.eprocure.gov.in or http://www.tenderwizard.com/SAU</p>
3.3	<p><u>Clarifications</u>: Bidders may seek clarification(s) on this RFP document up to 7 calendar days before the proposal due date specified below. Any request for clarification must be sent via electronic email (as an editable spreadsheet document attachment) to the SAU addressed to: <i>Assistant Director ICT, South Asian University</i> at vineet@sau.int</p>
3.5	<p><u>Bid Security (EMD)</u>: of Rs. 2,00,000/- (Rupees Two Lakhs Only) in the form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the commercial banks must be submitted by Bidders. A scan copy of the relevant instrument shall be uploaded in the bid submission and original submitted before opening of technical bids on proposal due date.</p>
3.8(c)	<p><u>Bid Validity</u>: The proposal of the bidder shall be valid for 90 (ninety) calendar days from the Proposal Due Date.</p>
2(d) 3.9(b)	<p><u>Proposal Due Date (PDD)</u>: The last date of submission of Proposals is 26 July 2018 before 3:00 pm (IST). Proposals shall be opened the same day at 3:30 pm (IST) in the presence of vendor representatives who choose to attend.</p> <p>Proposals can be submitted ONLY in the online mode.</p>
3.11	<p><u>Selection Basis</u>: of "Successful Bidder" through this RFP is the Quality cum Cost Based System (QCBS). The responsive technically qualified proposal achieving the highest combined technical and financial score will be selected & the proposer (bidder) thereof will be considered to be the "Successful Bidder".</p>
3.6	<p><u>Contract term</u>: Three year 24x7 support for complete solution inclusive of hardware & software and OEM licenses/subscriptions.</p>

2. Background Information

- (a) The South Asian University (SAU) invites responses ("Tenders") to this Request for Proposals ("RFP") from Agencies/ firms ("Bidders" or "Applicants") for undertaking supplying, installation & support of IT hardware/software at SAU as described in the "Scope of Work" in this RFP.
- (b) All clarifications / corrigenda / extensions will be published only on the SAU website and/or eProcurement sites. The website for accessing the information related to this RFP is: <http://www.sau.int> (the "SAU Website" or "University Website" or "Official Website"). [Note: From the "Home" page access the "Tenders" section to access all the uploaded documents related to this RFP.]

- (c) The bid documents can be seen and downloaded from the SAU website or the “eProcurement sites” viz <http://www.eprocure.gov.in> and from <http://www.tenderwizard.com/SAU> free of cost.
- (d) Proposals must be received not later than deadline mentioned in the Data Sheet.

3. Instructions to Bidders

3.1. General

- (a) While every effort has been made to provide comprehensive and accurate background information and requirements, Bidders must form their own conclusions about the level of support required.
- (b) All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by the SAU on the basis of this RFP.
- (c) No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the SAU. The SAU may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of the SAU .

3.2. Compliant Tenders / Completeness of Response

- (a) Bidders are advised to study all instructions, forms, requirements, appendices and other information in the RFP documents carefully. Submission of the bid / proposal shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- (b) Failure to comply with the requirements of this paragraph may render the Proposal non-compliant and the Proposal may be rejected. Bidders must:
- i. Comply with all requirements as set out within this RFP.
 - ii. Submit the forms as specified in this RFP and respond to each element in the order as set out in this RFP
 - iii. Include all supporting documentation specified in this RFP

3.3. Clarifications & Amendment of RFP Document

- (a) Bidders may submit queries for clarification in the following format as an editable text file via email as specified in the Data Sheet:

S.No.	RFP Reference (Clause & Page No.)	Content of RFP Requiring Clarification	Points of Clarification

- (b) Bidders may seek clarification on this RFP document no later than the date specified in the Data sheet. The SAU shall not entertain any queries post that date. The bidders are requested to submit an editable text file of the queries through email to the SAU's office as mentioned in the Data Sheet.

- (c) At any time before the submission of Proposals, the SAU may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the RFP documents by an amendment. All amendments / corrigenda will be posted only on the SAU's Official Website or eProcurement sites noted above. In order to afford the bidders a reasonable time for taking an amendment into account, or for any other reason, the SAU may at its discretion extend the Proposal Due Date.
- (d) Any corrigenda / clarifications posted on the Official Website and/or eProcurement sites shall be deemed to be incorporated into this RFP.

3.4. Right to Reject any or all Proposals

- (a) Notwithstanding anything contained in this RFP, the SAU reserves the right to accept or reject any Proposals or terminate the Selection Process at any time and without assigning any reasons.
- (b) Without prejudice to the generality of the above, the SAU reserves the right to reject any Proposals if:
 - i. a misrepresentation is discovered at any time, or
 - ii. the Applicant does not provide, within the time specified by the SAU, the supplementary information sought by the SAU .
- (c) Fraud, misrepresentation, or any other consent-vitiating response by the bidder may lead to the disqualification of the bidder. If such disqualification occurs after the Proposals have been opened and the highest ranking bidder has been disqualified, the SAU reserves the right to consider the next best bidder or take any other measure considered appropriate by the SAU, including termination of the Selection Process.
- (d) SAU makes no commitments, express or implied, that this RFP process will result in a business transaction with anyone.

3.5. Bid security / Earnest Money Deposit (EMD)

- (a) Bid Security (EMD) is required to be submitted by each bidder (the "Bid Security") as specified in the Data Sheet.
- (b) Bidders shall upload a scanned copy of the EMD instrument while submitting their e-bids and submit the original of the same by the proposal due date and before opening of the technical bids.
- (c) Any proposal submitted without EMD, mentioned above, will be summarily rejected.
- (d) EMD of all unsuccessful bidders would be refunded by the SAU. The EMD, for the amount mentioned above, of the successful bidder would be returned upon submission of Performance Bank Guarantee as per the format provided in this RFP.
- (e) The SAU will not be liable to pay any interest on bid security deposits.
- (f) The SAU will be entitled to forfeit and appropriate the bid security as a mutually agreed loss and damage payable to the SAU with regard to the RFP and without prejudice to the SAU's any other right or remedy under the following conditions:

- i. If a bidder engages in a corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice as envisaged under this RFP¹;
- ii. If a bidder withdraws its Proposal during the period of its validity as specified in this RFP and as extended by the bidder;
- iii. In the case of the selected bidder, if the selected bidder fails to sign the contract or provide the Performance Security within the specified time limit, or
- iv. If the bidder commits any breach of the terms of this RFP or is found to have made a false or misleading representation to the SAU.

3.6. Span of Engagement

The successful bidder shall continue to support the systems/solutions supplied & installed by them at SAU for a period of 36 months from the date of commissioning of the entire solution (the date of commissioning shall be the date on which **all** components of the supplied systems/solutions are integrated with the existing environment and are accepted by SAU as working satisfactorily). *Support must be onsite and of type specified in the requirements.*

3.7. Submission of Responses

- (a) For this e-procurement, bids can only be submitted online.
- (b) The bid can only be submitted after depositing e-tender Processing Fee in favour of ITI Limited through their e-gateway by credit/debit card/Internet banking facility and uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank against EMD in favour of South Asian University, New Delhi and other documents as specified.
- (c) Bidders not registered on the website <http://www.tenderwizard.com/SAU>, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the tenderwizard website.
- (d) The intending bidder must have valid class-III digital signature to submit the bid.
- (e) The bidders can login and see the competitor financial bid sheets after opening of the financial bid on the bid opening date.
- (f) The bidder can upload documents in JPG format or PDF format (PDF is the preferred format).

3.8. Preparation of Proposal

- (a) The bidder shall be responsible for all costs incurred in connection with participation in this RFP process. SAU will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- (b) Bidders are requested to submit their Proposal in English language and strictly in the formats provided in this RFP. The SAU will evaluate only those Proposals that are received in the specified forms and complete in all respects.
- (c) The Proposal shall be valid for the period mentioned in the data sheet.

¹ – As per model RFQ of the Ministry of Finance (Guidelines Of The Ministry Of Finance, File No 24(1)/PF II/2006, Ministry Of Finance, Department Of Expenditure)

- (d) Power of Attorney for Authorised Representative shall be furnished as per the format available in the RFP.
- (e) Proposals are to be prepared and submitted in two parts; viz. Technical Proposal and Financial Proposal. While preparing the Technical Proposal, Coverage and emphasis shall be as per Technical Evaluation Criteria described later. The Technical Proposal shall not include any financial information. A Technical Proposal containing material financial information shall be declared non-responsive.
- (f) Typed proposals prepared for submission shall be signed by an Authorised Representative of the bidder who shall initial each page, in **blue ink**. In case of printed and published documents, only the cover shall be initialed. All the alterations, omissions, additions, or any other amendments made to the Proposal shall be initialed by the person(s) signing the Proposal.
- (g) While preparing the Financial Proposal, bidders are expected to take into account the various requirements and conditions stipulated in this RFP document. While submitting the Financial Proposal, the bidders shall ensure the following:
 - i. All the costs associated with the Assignment shall be included in the Financial Proposal and must be tax exclusive. Taxes must be indicated separately. The total amount indicated in the Financial Proposal shall be without any condition attached or subject to any assumption, and shall be final and binding. In case any assumption or condition is indicated in the Financial Proposal, it shall be considered non-responsive and liable to be rejected.
 - ii. The Financial Proposal shall take into account all the expenses and tax liabilities and cost of statutory employee benefits, levies and other impositions applicable under the prevailing law on the bidder and their staff.
- (h) Bidders shall express the prices in Indian Rupees only.
- (i) The proposal should be submitted as per the submission forms prescribed in this RFP.

3.9. Submission, Receipt and Opening of Proposals

- (a) The Proposal, in its complete form in all respects as specified in the RFP, must be submitted electronically to SAU online.
- (b) No proposal shall be accepted after the closing time for submission of Proposals as mentioned in the Data Sheet.
- (c) The Technical bid shall be opened first on due date and time as mentioned in the Data Sheet. The time and date of opening of Financial bids of bidders qualifying Technical evaluation shall be communicated to them at a later date.
- (d) All pages of the Technical Bid/Proposal shall be numbered sequentially. The first page shall be the table of contents (as per Form 1) and the last page shall be the Page Numbering Certificate (as per Form 8). Various documents & forms required in the Technical Proposal as indicated below are to be scanned and uploaded in JPG or PDF format within the period of bid submission:

Forms

Form 1	Technical Proposal Index
Form 2	Power of Attorney for Authorized Representative
Form 3	Technical Proposal Submission Form
Form 4	Certificate of Financial Turnover from Chartered Accountant
Form 5	OEM Authorization
Form 6	Format for Eligibility Experience
Form 7	Organization Details
Form 8	Page Numbering Certificate
Form 9	Bank Guarantee ² of any Scheduled Bank against EMD
Form 10	Performance Bank Guarantee to be submitted by Successful Bidder
Form 11	Technical Compliance

ORIGINAL DOCUMENTS TO BE SUBMITTED BEFORE BID OPENING

1. EMD Instrument
2. OEM Authorization

3.10. Proposal Evaluation**3.10.1. Initial Scrutiny**

Prior to evaluation of Proposals, SAU will determine whether each Proposal is responsive to the requirements of the RFP. The SAU may, at its sole discretion, reject any Proposal that is not responsive hereunder. Initial Bid scrutiny will be held and Proposal will be treated as non-responsive if it is :

- Not submitted in as specified in the RFP document
- Received without the Letter of Authorization (Power of Attorney)
- Submitted with incomplete information or subjective / conditional / partial offers
- Submitted without the documents requested
- Non-compliant of any of the clauses stipulated in the RFP
- With lesser validity period than required in the RFP

3.10.2. Eligibility – Minimum Qualification Criteria

After initial scrutiny, responsive bids will be evaluated against the following eligibility criteria:

S.No.	Basic Requirement	Specific Requirement	Documents Required
1.	Sales Turnover in Hardware Sales & Maintenance Services	Average Annual Turnover during the last three financial years ending March 2018 should be at least Rs. 3 Crores that is generated from Hardware supply and their associated maintenance services.	Form 4 (There is no need to upload entire voluminous balance sheets)

² – or Demand draft/Pay order or Banker's Cheque/Fixed Deposit Receipt of a Scheduled Bank – Original to be submitted before bid opening on the proposal due date; scan copy to be uploaded

S.No.	Basic Requirement	Specific Requirement	Documents Required
2.	Certification	The bidder should be an OEM or their authorized representative. In case of authorized representative, a letter of authorization from OEM must be furnished for this specific RFP.	Form 5
3.	Experience	<p>Bidder must have successfully undertaken at least the following numbers of supply & installation engagement(s) for IT systems / solutions in the last three years, of value specified herein :</p> <ul style="list-style-type: none"> • One project of similar nature of value not less than Rs 50 lakhs; OR • Two projects of similar nature of value not less than Rs 30 lakhs each; OR • Three projects of similar nature of value not less than Rs 25 lakhs each <p><u>Note:</u> "similar nature" above implies work related to supply and/or installation of UTM/NGFW device(s) & rack server(s)</p>	Form 6
4.	Legal Entity	The bidder should be a Company registered under the Companies Act, 1956.	Form 7
5.	Blacklisting	A self certified letter by the authorized signatory of the bidder that the bidder has not been blacklisted by any Central / State Government body or Public Sector institution or be under a declaration of ineligibility for corrupt or fraudulent practices as on proposal submission date must be submitted on original letter head of the bidder with signature and stamp.	Form 3

3.10.3. Technical Qualification Criteria

Bidders who meet the eligibility requirements would be considered as qualified to move to the next stage of Technical and Financial evaluations.

The proposed solutions (hardware and/or software) should meet all the technical and functional specifications given in Form 11. Non-compliance to any of the technical and functional specification is liable to attract rejection of the bid proposal.

Response except 'YES / Y' or 'NO / N' is not acceptable. If any bidder provides response other than 'Y' or 'N' the same will be treated as Not Available, i.e., N.

After initial scrutiny, responsive & eligible bids will be evaluated & scored against the following technical evaluation criteria:

S.No.	Category	Criteria	Max Score
1.	Experience [Form 3]	(a) Supply & installation of UTM solutions of Rs 50 lakhs or more in the last three financial years ending March 2018 – 02 points for each project; max 10 points (b) Supply & installation of UTM solutions to any publicly funded academic / research institutions (such as R&D Organizations/ Universities / IITs / IIMs etc) in India during the last three financial years ending March 2018 – 05 points for each project; max 10 points	20
2.	Technical Compliance	Proposed UTM solution is fully compliant (i.e., none of the technical / functional specifications are labelled as N for compliance)	20
3.	Presentation	Presentation of the proposed UTM solution before a Committee. Presentation by bidder will focus on the technical aspects of the proposed solution (features, functionality, USP, etc) & the technical competence of the bidder (certifications, experience, manpower, etc).	60

Presentations shall be made by eligible shortlisted firms before an appropriate Committee of the University, approximately ten days after the proposal due date.

Bidders, whose bids are responsive, based on minimum qualification criteria / documents as required herein and score at least 60% overall in the above defined Technical Qualification Criteria would be considered technically qualified. Price Bids of such technically qualified bidders alone shall be considered.

3.10.4. Proposal Evaluation – Financial

- (a) The format for submitting financial bids online is as per Form 12.
- (b) The Financial Bids of technically qualified bidders will be opened on the prescribed date in the presence of bidder representatives who choose to attend.
- (c) The cost indicated in the Financial Proposal shall be deemed as final and reflecting the total cost of goods & services and should be stated in INR only. The evaluation shall exclude applicable taxes. The lowest Financial Proposal (F_m) will be given a financial score (S_f) of 100 points. The financial scores (S_f) of the other Financial Proposals will be determined using the following formula:

$$S_f = 100 \times F_m / F$$

in which S_f is the financial score, F_m is the lowest Financial Proposal, and F is the Financial Proposal (in INR) under consideration.

- (d) Conditional bids are liable to be rejected.

3.10.5. Proposal Evaluation – Scoring

- (a) Proposals will be finally ranked in accordance with their combined technical (S_t) and financial (S_f) scores:

$$S = S_t \times T_w + S_f \times F_w;$$

where S is the combined score, and T_w and F_w are weights assigned to Technical Proposal and Financial Proposal that will be 0.70:0.30.

- (b) The Bidder achieving the highest combined technical and financial score will be considered to be the “Successful Bidder”.

3.11. Award of Contract

- (a) SAU will award the Contract to the Successful Bidder as per process outlined above.
- (b) Prior to the expiration of the validity period, SAU will notify the successful bidder by email, that its proposal has been accepted. In case the tendering process has not been completed within the stipulated period, SAU, may request the bidders to extend the validity period of the bid.
- (c) The notification of award & acceptance thereof by the successful bidder will constitute the formation of a contract. Upon the successful bidder's furnishing of Performance Security, SAU will notify each unsuccessful bidder and return their EMD.
- (d) The SAU is not bound to accept the lowest or any tender or to assign any reason for non-acceptance. The SAU reserves the right to accept the tender either in full or in part. Conditional tenders will be rejected outright.
- (e) The SAU reserves the right to place an order for the full or part of the quotations under any items of work mentioned in the scope of work.

3.12. Performance Security / Guarantee

- (a) Performance Security / Guarantee in the form of a Bank Guarantee (PBG) as per Form 10 and equivalent to 10% of the total cost of the work awarded shall be furnished by the successful bidder within 15 working days from the Notification of award.
- (b) The Performance Security must be valid until forty one (41) months from the date of the work order.
- (c) In case the selected bidder fails to submit performance guarantee within the time stipulated, the SAU at its discretion may cancel the order placed on the selected bidder without giving any notice. SAU shall invoke the performance guarantee in case the successful bidder fails to discharge their contractual obligations during the period or SAU incurs any loss due to successful bidder's negligence in carrying out the project implementation as per the agreed terms & conditions.

- (d) No interest will be payable by SAU on the Performance Guarantee.

3.13. Fraudulent & Corrupt Practices

The bidders and their representatives, including their officers, employees, agents and advisers shall observe the highest standard of ethics during the selection process. The SAU will reject a proposal for award if it determines that the bidder recommended for award has directly or indirectly, including through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as the case may be.

3.14. Delay in Bidder's Performance

- (a) Notwithstanding SAU's right to cancel the order, liquidated damages (LD) for late delivery at 1% (One per cent) of the undelivered portion of order value per week will be charged for every week's delay in the specified delivery schedule subject to a maximum of 10% of the value of the order value. For instance, if Server is delivered but delivery of power cord, to be supplied along with Server, is delayed then LD would be calculated on the total cost of the Server and not on the cost of the power cord alone.
- (b) Liquidated damages for late commissioning at 1% (One percent) of the order value per week will be charged for every week's delay in commissioning to a maximum of 10% of the value of the order value.
- (c) Please note that the above LD for delay in delivery and delay in commissioning are independent of each other and shall be levied as the case may be.
- (d) SAU reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by SAU to the bidder. Liquidated damages will be calculated on per week basis.
- (e) In the event of failure of maintaining the uptime SLA during support and/or warranty period a penalty of 1% of the cost of concerned hardware equipment per day would be levied subject to a maximum of 10% of the total hardware cost.
- (f) Undue delay by the Bidder in the performance of its contract obligations during implementation or support shall also render the Bidder liable to any or all of the following sanctions:
- i. Forfeiture of its security deposit.
 - ii. Termination of the Contract for default.

3.15. Resolution of Disputes

Any difference, question, claim, controversy, disagreement or dispute arising from or relating to this Agreement shall be settled amicably through direct and good faith negotiations/consultations between the parties, recognizing their mutual interest and endeavouring to reach a mutually satisfactory solution.

If a dispute is not resolved amicably within 30 days, the dispute shall be referred to arbitration. The arbitrators selected by each party within 15 days of the referral of the matter to arbitration shall appoint a third arbitrator within 10 days of their appointment. If they are unable to do so, the third impartial arbitrator shall be appointed by the President of the South Asian University.

The place of the arbitration shall be New Delhi.

The parties shall bear the costs of the arbitration as determined by the arbitrators.

The Award of the arbitrators shall be final and binding on the parties. The parties undertake to comply with the award without delay. If the Implementer fails to comply with the award, SAU may terminate the Agreement by giving a 30-day notice to the Implementer and/or resort to any other available remedy.

3.16. Scope of Work

Broadly the work includes the following:

1. The supply, installation, configuration, testing & commissioning of the hardware as per specifications below and the integration of the same with the existing network architecture of SAU.
2. Backing up all existing Cyberoam 300i data including user data, logs, policies, rules, etc. and its restoration on the new UTM.
3. Configuring the ISP lines / routers so that they may all operate in load-balance mode through UTM.
4. Connecting & configuring the supplied servers to access storage from the existing EMC SAN device.
5. Conduct of Orientation / Training programme on usage and maintenance of newly installed hardware for a minimum of one user at SAU (At least 3 Hr. X 5 session).
6. Any other work required for making the newly installed UTM functional in HA mode to the satisfaction of SAU
7. Following are included in the scope of work for a period of **three years** from the date of satisfactory installation and commissioning of the hardware:
 - (a) OEM software / hardware / license subscriptions for all components supplied
 - (b) 24x7 OEM comprehensive support for hardware & software including upgrades for firmware and replacement of faulty hardware
 - (c) After Sales Service & comprehensive warranty that includes bringing in a back-up equipment until OEM replaces or rectifies a defect that has a severe impact on the business affecting large number of users.

3.16.1. Requirements

1. UTM Solution that shall function in HA mode and have specifications as mentioned in Form 11 (Part A) – with buyback of two existing Cyberoam 300i devices.
2. Servers having specifications as mentioned in Form 11 (Part B) – Qty = TWO
3. 42U Rack as per specifications in Form 11 (Part C) – Qty = ONE
4. UPS 20kVA as per specifications in Form 11 (Part D) – Qty = TWO

3.17. Deliverables & Timelines

The Bidder should deliver the hardware (and any required Software) within 60 calendar days from the date of purchase Order (award of work). The commissioning of the project as per the scope of work shall be completed within 30 calendar days from the date of delivery of the hardware.

3.18. Right to Alter Quantities

The SAU reserves the right to alter the number of hardware equipment specified in the tender in the event of change in plans. Any decision of SAU in this regard shall be final, conclusive and binding on the bidder.

3.19. Prices & Payment Terms

- (a) The bidders are requested to quote for supply & installation of items in Scope of Work in INR (and also in US\$ for imported items) with **3 year Comprehensive Warranty** with one onsite engineer during the first month (one month) after signoff on date of successful deployment. The date for successful deployment shall be considered to be the date when installation, testing & commissioning of all hardware & software supplied by the bidder is complete to the satisfaction of the SAU.
- (b) The bidder shall quote for supply, installation, commissioning and support for hardware/software as per Scope of Work inclusive of three year Comprehensive Onsite Warranty as prescribed below.
- (c) The South Asian University is an International Organization declared by the Central Government in pursuance of Section 3 of the United Nations (Privileges and Immunities) Act, 1947 (46 of 1947) and is therefore entitled to claim refund of Goods and Services Tax (GST) paid on the procurement of Goods and/ or Services. Therefore, any invoice raised should be in conformity with the various provisions of respective GST Acts.
- (d) SAU is exempted from Custom Duty (except IGST). Therefore, all items to be imported will be quoted in USD so that exemption benefit may be availed by the University (unless INR rates are demonstrably lower). Exemption Certificates to this effect will be issued by SAU as and when needed. Imported items should be quoted in US\$ (CIP/CIF New Delhi Airport + CHA charges ex SAU campus at Chanakyapuri in New Delhi). The rates shall be firm and final. Nothing extra shall be paid on any account.
- (e) Payment for hardware/software will generally be made only after delivery and satisfactory installation, testing, commissioning, etc. Partial payment (70%) for imported items can be made on delivery & checking the items at SAU premises.

3.20. Comprehensive Warranty Services

- (a) Comprehensive Warranty Services shall include free maintenance of the equipment/hardware/software/firmware supplied & installed, including free upgrades, free replacement of parts / spares/ kits as and when required, onsite at SAU campus. It will also cover replacement of all defective parts/equipments, excluding nothing. The defects, if any shall be attended to on immediate basis but in no case would any defect prolong for more than the next business day.
- (b) The Comprehensive Warranty shall be for a minimum period of three years from the date of complete installation of the equipment/hardware & software at SAU. The bidders should quote for Comprehensive Onsite Warranty of three years.

3.21. Termination Clause

The SAU reserves the right to terminate the contract with the selected bidder and recover from the selected bidder any expenses incurred by the SAU under the following circumstances:

- (a) The selected bidder commits a breach of any of the terms and conditions of the bid.
- (b) The bidder goes into liquidation, voluntarily or otherwise.
- (c) An attachment is levied or continues to be levied for a period of seven days upon effects of the bid.
- (d) If the selected bidder fails to comply with the service levels prescribed in the RFP, it will be a breach of the contract. The SAU reserves its right to cancel the award of work in the event of a delay and forfeit the bid security as liquidated damages for the delay.
- (e) If deductions on account of penalty exceeds 10% of the total contract price.
- (f) In case the selected bidder fails to deliver the required service support, the SAU reserves the right to procure the same from alternative sources at the risk, cost and responsibility of the selected bidder.
- (g) After award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, the SAU reserves the right to get the balance contract performed by another party of its choice by giving one month's notice for the same. In this event, the selected bidder is bound to make good the additional expenditure, which the SAU may have to incur in the performance of the balance contract. This clause is equally applicable if the contract is terminated by the selected bidder.
- (h) The SAU reserves the right to recover any dues payable by the selected Bidder from any amount outstanding to the credit of the selected bidder, including the pending bills and/or invoking the bank guarantee under this contract.
- (i) Undue delay and/or repeated failures to provide services as per tender document by the selected Bidder in the performance of it's contract obligations shall also render the bidder liable to any or all of the following consequences:
 1. Forfeiture of its security deposit.
 2. Termination of the contract for default.

4. Bid Forms

Forms to be filled in by the tenderers and uploaded in JPG format or PDF format within the period of bid submission:

4.1. Form 1 – Technical Proposal Index

The first page of the set of documents to be enclosed in the “Technical Proposal” shall be a *Table of Contents as given below and shall be enclosed as page – 01*. **The last page must be Form 8.**

(add additional items if included)

S.No.	Requirement	Documents Required	Page number of submitted proposal
1.	EMD	Demand Draft/FDR/Bank Guarantee (Form 9)	
2.	Power of Attorney	Copy of Power of Attorney in the name of the Authorized signatory (Form 2)	
3.	Submission Form	As per Form 3	
4.	Turnover Certificate	As per Form 4	
5.	Letter of Authorization from OEM	As per Form 5	
6.	Eligibility Experience	As per Form 6	
7.	Organization Details	As per Form 7	
8.	Specifications & Compliance	As per Forms 11	
9.		
10.	Page Numbering Certificate	As per Form 8	

4.2. Form 2 – Power of Attorney of Authorized Signatory

(Use this format or else bidder company standard format may be used if it exists)

Know all men by these presents, We, [name of organization and address of the registered office] do hereby constitute, nominate, appoint and authorise Mr / Ms [name], son/ daughter/ wife of [name], and presently residing at [address], who is presently employed with/ retained by us and holding the position of [designation] as our true and lawful attorney (hereinafter referred to as the “Authorised Representative”), with power to sub-delegate to any person, to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Proposal for “Request For eProposals on Supply, Installation & Support of IT Hardware at SAU” to the South Asian University (the “Authority”) including but not limited to signing and submission of all applications, proposals and other documents and writings, participating in pre-bid and other conferences and providing information/ responses to the Authority, representing us in all matters before the Authority, signing and execution of all contracts and undertakings consequent to acceptance of our proposal and generally dealing with the Authority in all matters in connection with or relating to or arising out of our Proposal for the said Project and/or upon award thereof to us until the entering into of the Contract with the Authority.

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Authorised Representative pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Authorised Representative in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, [name of organization], THE ABOVE NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS [date in words] DAY OF [month] [year in ‘yyyy’ format].

For [name and registered address of organization]

[Signature]

[Name]

[Designation]

Witnesses:

1. [Signature, name and address of witness]
2. [Signature, name and address of witness]

Notes:

1. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under seal affixed in accordance with the required procedure.
2. Wherever required, the Applicant should submit for verification the extract of the charter documents and other documents such as a resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Applicant.

4.3. Form 3 – Technical Proposal Submission Form

[Location, Date]

To

The Registrar
South Asian University
Akbar Bhavan, Chanakyapuri, New Delhi – 110021

Phone: 011-24195000, 24122512 – 14 Fax: 011-24122511

Email: registrar@sau.int**RFP No. ICT/RFP/2509201701 for “Request For eProposals on Supply, Installation & Support of IT Hardware at SAU.”**

Dear Sir,

With reference to your above mentioned RFP, we, having examined all relevant documents and understood their contents, hereby submit our Technical Proposal for selection of supply and installation of hardware. The Proposal is unconditional and unqualified.

Our proposed solution is compliant with the requirements mentioned in the RFP.

We understand you are not bound to accept any Proposal you receive. Further:

1. We acknowledge that SAU will be relying on the information provided in the Proposal and the documents accompanying the Proposal for selection of the vendor.
2. We shall make available to SAU any additional information it may deem necessary or require for supplementing or authenticating the Proposal.
3. We acknowledge the right of SAU to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
4. We certify that in the last 3 (three) years, we have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against this bidder, nor been expelled from any project or contract by any public authority nor have had any contract terminated by any public authority for breach on our part.
5. We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by SAU in connection with the selection of bidder or in connection with the selection process itself in respect of the above mentioned RFP.
6. We agree and undertake to abide by all the terms and conditions of the RFP Document.
7. The prices mentioned in our proposal are in accordance with the terms as specified in bidding documents. All the prices and other terms and conditions of this proposal are valid for a period of 90 calendar days from the last date of submission of bids.

8. We hereby declare that in case the contract is awarded to us, we shall submit the performance Guarantee as specified in the above cited RFP.

9. We hereby declare that:
 - (a) We are not involved in any litigation that may have an impact of affecting or compromising the delivery of the goods or services as required under this tender.

 - (b) We are not black-listed by any Central/State Government/Public Sector/Educational Institute Undertaking in India.

 - (c) We undertake that the documents submitted are genuine/authentic and nothing material has been concealed therefrom and that we are not debarred by any Government organization and are competent to have the contract. We understand that the contract is liable to be cancelled, if found to be having obtained, through fraudulent means and/or concealment of information.

We remain,
Yours sincerely,

Authorized Signature [In full and initials]:
Name and Title of Signatory:
Name of Firm:
Address:
(Name and seal of the Bidder)

4.4. Form 4 – Turnover Certificate

S. No.	Financial years	Annual Sales Turnover in Hardware Sales & Maintenance Services(INR)
1.	2014-2015*	
2.	2015-2016	
3.	2016-2017	
	Average for three years	[indicate sum of above divided by 3]

*Substitute 2017-2018 instead of 2014-2015; if turnover figures are available for the 2017-2018 financial year

Certificate from the Statutory Auditor

This is to certify that [*name of company*] [*registered address*] has received the payments shown above against the respective years.

Name of Authorized Signatory

Designation

Name of firm

Signature of Authorized Signatory

Seal of Audit firm

4.5. Form 5 – Manufacturers' Authorization Form

To

The Registrar
South Asian University
Akbar Bhavan, Chanakyapuri, New Delhi – 110021

Phone: 011-24195000, 24122512 – 14 Fax: 011-24122511

Email: registrar@sau.int

RFP No. ICT/RFP/2509201701 for “Request For eProposals on Supply, Installation & Support of IT Hardware at SAU.”

No. Date:

RE: OEM Authorization Letter

Dear Sir:

With reference to the above mentioned RFP, we <OEM_NAME> who are established and reputable manufacturers / producers of _____<PRODUCT_DETAILS> having our registered office at _____<OEM_ADDRESS> do hereby authorize M/s _____ <NAME AND ADDRESS OF AGENT/PARTNER> to offer their quotation and conclude the contract with you against the above invitation for tender.

We hereby extend our full guarantee and warranty as per terms and conditions of the tender and the contract for the solution, products/ equipment and services offered against this invitation for tender by the above firm and will extend technical support and update/ upgrades.

We duly authorize the said firm to act on our behalf in fulfilling all installations, Technical support and maintenance obligations required by the contract.

Yours faithfully,
(Name)
(Name of Producers)

Note: This letter of authority should be on the letterhead of the OEM and should be signed by a competent and authorized person of OEM.

4.6. Form 6 – Eligibility Experience

S. No.	Customer* (Name, Address, Contact person)	Calendar Month & Year of Work Order (MMM, YYYY)	Value of Order (INR)	Page No. of the Proof Document**

*Limit references up to three years prior to proposal due date ONLY. References must pertain to services similar to those being solicited through this RFP.

**Experience must be supported by copies of work orders & Completion certificates from the client; OR Work Order + Self Certificate of Completion

Signature (Name and Designation)

Official Stamp

Date:

4.7. Form 7 – Organization Details

Details filled in this form must be accompanied by sufficient documentary evidence, in order to verify the correctness of the information.

S.No.	Item	Details	Page No. of the Proof Document
1.	Name, Designation and Contact Details of the Person Authorized to Make Commitments to the University		
2.	Company Registration No. (Copy of the Registration Certificate to be attached)		
3.	PAN No. (Copy of the Certificate to be attached)		
4.	GST No. (Copy of the Certificate to be attached)		

I hereby certify that the information furnished above is full and correct to the best of my knowledge.

Signature (Name and Designation)

Official Stamp

Date:

4.8. Form 8 – Page Numbering Certificate

(To be enclosed as **last page** of Technical Proposal)

CERTIFICATE

Certified that this Technical Proposal is carrying ____pages (in figures and words) and **each page is numbered.**

Date:

Sig. of the tenderer &
With seal

RFP No. ICT/RFP/2509201701 for “Request For eProposals on Supply, Installation & Support of IT Hardware at SAU.”

4.9. Form 9 – Format of Bank Guarantee for Bid Security (EMD)

(To be stamped in accordance with the stamp Act.)

To,
South Asian University
Akbar Bhavan, Chanakyapuri
New Delhi 110021

Dear Sirs,

In accordance with your RFP No. ICT/RFP/2509201701 dated _____ (hereinafter called the "bid"), M/s. _____ having their registered / Head Office at _____ (hereinafter called the "bidder") wish to participate in the said bid for "Request For eProposals on Supply, Installation & Support of IT Hardware at SAU".

As an irrevocable Bank Guarantee against Earnest Money Deposit for Rs. _____ (Rupees _____) valid upto _____ is required to be submitted by the bidder as a condition precedent for participation in the said bid, which amount is liable to be forfeited on the happening of any contingencies mentioned in the bid document.

We, (Name of the bank) _____ having our head office at _____ and local office at _____ (hereinafter called the "Bank") guarantee and undertake to pay immediately merely on first demand by South Asian University, Akbar Bhavan, Chanakyapuri, New Delhi 110021 (hereinafter called SAU), the amount of Rs. _____ (Rupees _____) without any demur, reservation, recourse, contest or protest and without any reference to the Bidder or any other person. Any such demand made by SAU, shall be conclusive and binding on us irrespective of any dispute or difference raised by the Bidder.

This bank guarantee shall be irrevocable and shall remain valid up to _____.
If any further extension of this guarantee is required, the same shall be extended to such required period on receiving instructions from SAU on whose behalf this guarantee is issued. Notwithstanding anything contained herein above, our liability under the guarantee shall remain in force till _____ unless a demand or claim under this guarantee is filed against us within the date of expiry, i.e., _____ all your rights under this guarantee will be forfeited and we shall be relieved and discharged from all liabilities here under.

We undertake to make the payment on receipt of your notice of claim on us addressed to [Name of bank along with branch address] and delivered at our above branch which shall be deemed to have been duly authorised to receive the said notice of claim.

The Bank declares that it has power to issue this Guarantee and the undersigned is duly authorised and has full power to execute this Guarantee for and on behalf of the Bank.

Signed and Delivered by [name of bank]

By the hand of Mr. /Ms. [name], it's [designation] and authorised official.

(Signature of the Authorised Signatory) (Official Seal)

Notes:

- The Bank Guarantee should contain the name, designation and code number of the officer(s) signing the Guarantee.
- The address, telephone number and other details of the Head Office of the Bank as well as of issuing Branch should be mentioned on the covering letter of issuing Branch.

4.10. Form 10 – Form of Bank Guarantee for Performance Security

(To be stamped in accordance with Stamp Act)

1. In consideration of South Asian University, New Delhi [hereinafter referred to as SAU, which expression unless repugnant to the context and meaning thereof shall include its successors and assigns] having agreed to exempt M/S _____ [hereinafter referred to as 'supplier / contractor' which expression unless repugnant to the context and meaning thereof shall include its successors and assigns] from depositing with SAU a sum of Rs. _____ towards security / performance guarantee in lieu of the said supplier / contractor having agreed to furnish a bank guarantee for the said sum of Rs. _____ as required under the Terms & Conditions of contract / work order / purchase order no. _____ dated _____ [hereinafter referred to as the order] placed by SAU on the said supplier / contractor. We, (Name of the Bank) _____ (hereinafter referred to as 'the bank' which expression shall include its successors and assigns] do hereby undertake to pay SAU an amount not exceeding Rs. _____ (Rupees _____) on the demand made by SAU on us due to a breach committed by the said supplier / contractor of the Terms & Conditions of the order.
2. We, the Bank do hereby undertake to pay the amounts due & payable under this Guarantee without any demur, merely on demand from the SAU stating that the amount claimed as due by way of loss or damage caused to or would be caused to or suffered by the SAU New Delhi, by reason of breach by the said Contractor (s) of any Terms & Conditions contained in the said Agreement or by reason of the Contractor (s) failure to perform the said Agreement. Any such demand made on the Bank under this guarantee, the decision of the SAU in this count shall be final and binding on the Bank. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____).
3. We, the Bank undertake to pay to SAU, any money so demanded notwithstanding any dispute or disputes raised by the Contractor (s) in any suit or proceedings pending before any court or tribunal relating there to our liability for payment there under and the Contractor (s) shall have no claim against us for making such payment.
4. We, the Bank further agree that the Performance Bank Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the SAU under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till the Registrar of SAU, New Delhi certifies that the terms & conditions of the said Agreement have been fully and properly carried out by the said Contractor (s) and accordingly discharged the Guarantee. Unless a demand or claim under the Guarantee is made on the Bank in writing on or before _____, the Bank shall be discharged from the all liability under the Guarantee thereafter.
5. We, the Bank further agree with the SAU, that the SAU shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the Terms and Conditions of the said Agreement or to extend time of performance by the said Contractor(s) from time to time to postpone for any time or from time to time any of the powers exercisable by the SAU against the said Contractor(s) and to forbear or enforce any of the Terms & Conditions relating to the said Agreement and the Bank shall not be relieved from its liability by reason of any such variation, or

extension being granted to the said Contactor(s), or any forbearance, act or omission on the part of SAU, or any indulgence by the SAU to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for the provision have effect of so relieving the Bank.

6. This Guarantee shall not be affected by any change in the constitution or winding up of the Consultant /the Bank or any absorption, merger or amalgamation of the Consultant /the bank with any other Person.
7. We, the Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the SAU in writing.
8. Notwithstanding anything contained hereinabove the liability of the Bank in respect of this Guarantee is restricted to Rs. _____ (Rupees _____) and it will remain in force till _____. Unless a demand or claim under this guarantee is made on the Bank in writing within three months from _____ we shall be discharged from all liability under this guarantee.

This Guarantee is valid _____ to _____
 dated the _____ day of _____.
 For _____ (indicate the Name of the Bank).

[Official Address]

Designation

[With Bank Stamp]

4.11. Form 11

Part A: UTM Specifications & Compliance

Features / specifications mentioned here must be provisioned in the proposed solution and should not require subsequent procurement / licensing / activation. Solution must include all appliances / devices, additional hardware/software needed to achieve the desired specifications/ features.

S.NO.	Features/Specification	Compliance (YES / NO)	Additional Hardware / software component needed (YES / NO)
1.00	SYSTEM SPECIFICATIONS		
1.01	Hardware based appliance with inbuilt Flash/HDD Storage		
1.02	Compatible with existing networking equipments		
1.03	Unrestricted user/node license or minimum of 2500 nodes		
1.04	Appliance provisioned with built-in secure OS		
1.05	OS is based on real time, secure, hardened operating system		
1.07	Generates audit trails and has secure interface to transfer it to any remote system		
1.08	Works as a standalone HTTP proxy server with integrated Firewall, Anti-Virus, Anti-Spam, Content filtering, IPS and Application Control. Option to enable / disable any service is available		
1.10	Firewall UDP Throughput: 30 Gbps or more		
1.11	Firewall TCP Throughput: 30 Gbps or more		
1.12	VPN throughput: 4 Gbps or more		
1.13	GAV Real World Throughput: 4 Gbps or more		
1.14	IPS Real World Throughput: 4 Gbps or more		
1.15	UTM Real World Throughput (after enabling all UTM features with real world / IMIX traffic): 4 Gbps or more		
1.17	Concurrent sessions: 7.5 million or more		
1.18	New Connections/Sec: 160000 or more		
1.20	Supports IPv6		
1.21	Supports DHCPv6 along with NAT46		
1.23	Hot-Swappable Redundant power supplies		
1.24	At least the following active interfaces: USB port, Console port, 2xGE RJ45 Management ports/ HA ports, 8xGE (RJ 45 ports), 8 GE SFP Slots, 2 x 10 GE SFP + Slots ready from day 1		
2.00	ADMINISTRATION, AUTHENTICATION & GENERAL CONFIGURATION		
2.01	Configuration internal/DMZ/WAN Ports Available		
2.02	Captive portal that integrates with LDAP, RADIUS or Local Database for user authentication		

2.03	Supports Automatic Transparent Single Sign On (SSO) for user authentication. SSO is proxy-independent and supports user authentication for network applications.		
2.04	Provisioned with load balancing & failover for two or more ISP links.		
2.05	Supports event-triggered alerts/alarms based on preset threshold or condition.		
2.06	Supports High Availability (Active-Active & Active-Passive) configurations with notifications for change in HA state		
2.07	User and Role based policy configuration for security and Internet bandwidth management		
3.00	FIREWALL		
3.01	Solution has EAL4+ / ICISA / West Coast Labs Checkmark certification		
3.02	Supports OSPF, BGP, RIPv1 and RIPv2 dynamic routing along with Static routing		
3.03	Supports NAT functionality, including dynamic and static NAT translations.		
3.04	Stateful inspection with sessions identified by usernames, and in the presence of dynamic NAT and PAT.		
3.05	User Identity as a matching criterion along with Source/Destination IP/Subnet/group/port in firewall rules		
3.06	Sandbox based inspection and protection from unknown viruses and malware.		
4.00	GATEWAY ANTIVIRUS (GAV) & ANTISPAM		
4.01	Gateway AV should be supported for real-time detection of viruses and malicious code for HTTP, FTP, SMTP, POP3, SIP protocols & their secure versions (viz. HTTPS, FTPS, etc.)		
4.02	Provides reports based on username, IP address, sender, recipient, virus names and time window etc from archived data		
4.03	Reputation based Cloud Security feature		
4.04	Auto Blocking of Source IP address based on triggers		
4.05	Real time spam detection & also supports proactive virus detection & blocking		
4.06	Support RBL database for spam detection		
4.07	Should have configurable policy options to select what traffic to scan for viruses		

5.00	WEB FILTERING		
5.01	URL database should have at least 70+ categories		
5.02	Ability to create custom "Allowed" exception lists / categories for certain web sites, host addresses, or URLs		
5.03	Real time security scanning: protect users from downloading virus / malware-embedded files by stopping viruses/malware at the gateway itself.		
5.04	Ability to identify and block proxy avoidance techniques, for example, Tor network & open Internet VPN sites.		
5.05	Provision of cloud-based web categorization for real time filtering and zero day attacks		
5.06	Solution is able to work as a standalone transparent proxy		
6.00	VPN		
6.01	IPsec (Net-to- Net, Host-to-Host, Client-to-site), L2TP, PPTP and SSL VPN connections are supported		
6.02	Supports DES, 3 DES and AES (128,192, 256) encryption		
6.03	Support pre-shared keys as well as digital certificate based authentication		
6.04	Export facility for Client-to-site configuration which ensures hassle-free VPN configuration in remote Laptops/Desktops		
7.00	LOGGING & REPORTING		
7.01	On-appliance or dedicated server reporting (any external or additional hardware / software for this must be quoted separately)		
7.02	Supports Username & IP address based reporting for all functions		
7.03	Multiple Dashboards & Reports, along with the facility to customize the Dashboards & reports		
7.04	Capable of forensic analysis to help organizations reconstruct the sequence of events that occurred at the time of a security breach		
7.05	Logging and reporting gives details of Real-time and Historical Views into Network Activity		
7.06	Policy Usage Dashboard		
7.07	Usage and Bandwidth Consumption Map		

7.08	Should have at least 1TB of internal storage for storing/archiving logs and reports; if not please quote separate hardware		
7.09	Exporting of reports in PDF, HTML & CSV formats		
7.10	Customizable email alerts/automated report scheduling		
7.11	Remote logging to syslog server		
8.00	IPS & APPLICATION CONTROL		
8.01	Has signature based and protocol anomaly based Intrusion prevention system		
8.02	Has Application control for Web 2.0 applications, instant messengers, P2P applications, browser based web proxy, VOIP applications		
8.03	Has 4000+ signature database		
8.04	IPS and AV signature database keep on updating on hourly basis		
8.05	Has a built-in Signature IPS engine on the same unit for IPS		
9.00	WARRANTY, CERTIFICATION AND LICENSE		
9.01	Three Years Comprehensive 24x7 Support for complete solution*		
9.02	Three Years Support and licenses / subscriptions by OEM for the complete solution*		
9.03	The OEM of the offered solution must be part of Leaders or Visionaries or Challengers quadrant in the latest "Gartner Magic Quadrant for UTM (SMB Multifunction Firewalls)".		
9.04	Proposed solution does not have an End of Life date that is less than 5 years as on proposal submission date.		

*Complete solution includes all hardware & software components – Firewall, GateWay Antivirus, IPS, Web/content filter, Anti-Spam, application filtering, botnet, logging & reporting, hardware & OS

Part B: Server Specifications & Compliance

<i>Proposed Server configuration by the bidder must be of at least the following or higher specifications. Proposal must include all additional hardware/software/accessories needed to install & commission the servers with standard hypervisor environment in a rack enclosure.</i>				
RACK SERVERS				
S.No	Item	Required Specification	Minimum Compliance (YES / NO)	Proposed Specification is higher than required (YES/NO)
1	Form Factor	2U/4U rack		
2	CPU	Dual (two) Intel® Xeon® Bronze 3106 (1.7GHz/8-core) CPUs		
3	RAM	128 GB through DDR4 RDIMMs, with data transfer speed of 2666MT/s		
4	HDD	15K RPM SAS 12Gbps Hot-plug Hard Drives aggregating to at least 3.6TB of raw space		
5	RAID	Hardware RAID controller supporting at least RAID 0, 1, 5		
6	Power Supply	Hot-plug, Redundant Power Supply		
7	DVD	SATA optical DVD drive		
8	GBIC	2 Port 1GbE, 2 Port 10GbE		
9	HBA	Dual Port 8Gb Optical Fibre Channel HBA		
10	Accessories	Jumper / Power Cords, Sliding Rails & other required accessories		
11	Support	Three Year Next Business Day Onsite Support		

SAN Connectivity:

- LC – LC MM OM3 Fiber Patch Chord 3 Mtr (AMP / Tyco or equivalent)

Part C: Rack (APW President or equivalent)

Description	Compliance (Y/N)
42Ux800mmx1000mm (HxWxD) Rack with front & back doors and side panels	
Keyboard Tray with slides-1NOS	
Castors (set of 4)-1NOS	
Stationary shelf-1NOS	
Cable manager Horizontal 1U-1NOS	
Fan 230 vac 90 cfm top mounted- 4NOS	
PDU 12 Point 5/15 Amp with MCB	
Appropriate Hardware packet	

Part D: UPS (APC or equivalent)

- 20kVA / 16kW true online double conversion UPS.
- AC input voltage range/phase: 160-280V with 1:1, 3:1 & 3:3 options in same UPS
- AC output voltage: Configurable for 220:230:240,400:415 V
- Certifications: ISO 14001, ISO 50001, OHSAS 18001
- Interconnecting suitable size copper cables between UPS & batteries, UPS input switch & UPS, UPS outgoing switch & UPS, UPS body & Body Earth, UPS neutral & neutral Earth as per actual site requirements.
- 12V 65AH external batteries (32 Nos; Exide or equivalent)
- open rack & link
- Onsite warranty with no charges on parts,labour & service during this tenure on UPS repair or replacement – two years (standard) + one year (extended) = 3 years comprehensive onsite warranty

with buyback of the following UPSs that are currently in use:

- APC smart UPS RC 10000 (Date of purchase: July 2011)
- APC smart UPS RC 6000 (Date of purchase: October 2011)
- APC UPS SRC3000XLI - CC (Date of purchase: July 2011)

4.12. Form 12 – Financial Bid

Supply, installation, integration, testing & commissioning of the following items. Servers shall be provisioned with storage from existing EMC SAN storage (EMC VNX 5200) via existing SAN switch (MDS 9148).

Following item rates are for the required specifications:

S.No.	Item	Enter USD for imported items else enter INR rate.		Tax (%) for INR items	Qty	Total (INR)	Total (USD)
		Rate (INR)	Rate* (USD)				
1.	UTM Solution operating in HA mode				2		
2.	Additional hardware needed for UTM solution***						
3.	Additional software needed for UTM solution***						
4.	2U/4U Dual CPU Rack Server				2		
5.	42U Rack				1		
6.	20kVA UPS				2		
7.	12V 65AH external batteries for UPS				32 x 2		
8.	OM3 Fiber patch cord				6		
9.	CHA charges**				-		
10.	Installation Charges				-		
11.	Any other charges***				-		
TOTAL							

*CIP/CIF New Delhi Airport

**CHA charges ex SAU campus at Chanakyapuri in New Delhi

***Please explain

S.No.	Buyback Items (Currently in use)	Qty	Rate (INR)	Total (INR)
1.	Cyberoam 300i devices	02		
2.	APC smart UPS RC 10000	01		
3.	APC smart UPS RC 6000	01		
4.	APC UPS SRC3000XLI - CC	01		
		TOTAL		

TO BE FILLED ONLINE ONLY