

JINNAH SINDH MEDICAL UNIVERSITY, KARACHI

BIDDING DOCUMENT FOR

PROVIDING & INSTALLING OF NETWORK FIREWALL, JSMU, KARACHI.

August, 2016

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JINNAH SINDH MEDICAL UNIVERSITY KARACHI. PLANNING & DEVELOPMENT DEPARTMENT

: JSMU/P.D/NIT-1054.

Dated: 18-08-2016

NOTICE INVITING TENDERS

Sealed tenders are invited on Single Stage two Envelope Procedure from **reputable** Firms registration with Income Tax Department, GST and Sindh Revenue Board (SRB) having vast experience in Supply & Installation Network Firewall as per specification given in the tender document.

TENDER FOR PROVIDING & INSTALLING OF NETWORK FIREWALL AT JSMU, KARACHI

| Tender Fee (Non- Refundable) Rs. 1,000/- | Purchasing date From 02-08-2016 to 05-09-2016 | D ucinios. | Opening Date / Time 05-09-2016 at 11: 30 A.M |
|--|--|-------------------|--|
|--|--|-------------------|--|

Terms and condition are given as under:-

The Tender documents can be purchased from the office of the Advisor P&D / Procurement, 3rd Floor, JSMU, Karachi on submission of applications along with pay order Rs. 1,000/- in favor of Vice Chancellor, Jinnah Sindh Medical University, Karachi as a tender fee and also download from the SPPRA website i.e. www.pprasindh.gov.pk or Jinnah Sindh Medical University website I.e. www.jsmu.edu.pk The seal tender on prescribed proforma along with bid security of 2% sealed in Financial bid envelope separately should be dropped in tender box kept in Planning & Development Department, JSMU, Karachi. Before The Proposals of the bids shall be opened publically on 05-09-2016 at 11:30. A.M in the presence of bidders or their nominated representative who wish to attend. The Procuring agency may cancel / delete any item or decrease or increase in quantity as per relevant provisions of SPPRA Rules 2010 (amended 2013).

Government Notified Blacklisted Firms / Suppliers shall not be entertained. In case tenders are not opened on the schedule date due to unscheduled holiday or any other reason / reasons, the same shall be opened on the next working day. The other terms and conditions of the tenders however remain unchanged

Advisor P &

Planning & Development Department Jinnah Sindh Medical University.

Karachi.

Part-II

Instruction to bidders

Preparation of Bids

- 1. Scope
- 1.1 The Jinnah Sindh Medical University, Karachi intend to Purchase PROVIDING & INSTALLING OF NETWORK FIREWALL, JSMU, KARACHI. Through National Competitive Bidding Single Stage Two Envelope Procedure as per SPPRA Rules-2010 (Amended 2013).
- 2. Language of Bid
- 2.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring agency shall be written in the English language.
- 3. Documents Comprising the Bid
- 3.1 The bid prepared by the Bidder shall comprise the following components:
 - a) Price Schedule completed in accordance with ITB Clauses 4, 5 and 6.
 - b) bid security furnished in accordance with ITB Clause-9.
- 4. Bid Prices
- 4.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the goods it proposes to supply under the contract.
- 4.2 The prices shall be quoted on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location specified in the schedule of Requirements. No separate payment shall be made of the incidental services.
- 4.3 Prices quoted by the by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet.
- 4.4 Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet.
- 5. Bid Form
- 5.1 The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.
- 6. Bid Currencies
- 6.1 Prices Shall be quoted in Pak Rupees.
- 7. Documents
 Establishing
 Bidder's
 Eligibility
 and
 Qualification
- 7.1 The Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted.
 - a) that, in the case of a Bidder offering to supply goods under the contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized by

- the good Manufacture or producer to supply the goods in the Islamic Republic of Pakistan.
- b) that the Bidder has the financial ,technical ,and production capability necessary to perform the contract;
- c) that the Bidders meets the qualification criteria listed in the Bid Data Sheet.
- 8. Documents
 Establishing
 Goods'
 Eligibility
 and
 Conformity
 to Bidding

Documents

- 8.1 The documents evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and Data, and shall consist of:
 - (a) a detailed description of the essential technical and performance characteristics of the goods;
 - (b) the Bidder shall note that standards for workmanship, material ,and equipment, as well as references to brand names or catalogue numbers designated by the Procuring agency in its Technical Specification are intended to be descriptive only and not restrictive :till stated otherwise in Technical Specifications or Bid Data Sheet .The Bidder may substitute alternative standards, brand names , and /or catalogue numbers in its bid , provided that demonstrates to the Procuring agency's satisfaction that the substitutions ensure substantial equivalence to those designated in the in the Technical Specifications

9. Bid Security

- 9.1 The bid security is required to protect the Procuring agency against the risk of Bidder's conduct, which would warrant the security's forfeiture The bid security shall be denominated in the currency of the of the bid:
 - a) at the Bidder's option, be in the form of either demand draft/call deposit or an unconditional bank guarantee from a reputable Bank:
 - b) be submitted in its original form: copies will not be accepted;
 - c) remain valid for a period of at least 14 days beyond the original validity period of bids, or at least 14 days beyond any extended period of bid validity.
- 9.2 bid security shall released to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired.
- 9.3 The successful Bidder's bid security shall be discharged upon the Bidder signing the contract, and furnishing the performance security.
- 9.4 The bid security may be forfeited:
 - a) if a Bidder withdraws its bid during the period of bid validity or
 - b) in the case of a successful Bidder, if the bidder fails:
 - (i) to sign the contract in accordance or
 - (ii) to furnish performance security

Period of Validity of

Bids

- 10.1 Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid opening prescribed by the Procuring agency. A bid valid for a shorter period shall be rejected by the Procuring agency as non responsive.
- 10.2 In exceptional circumstances, the Procuring agency may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security shall also be suitable extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required not be required nor per mitted to modify its bid.

Format and Signing of Bid

- 11.1 The Bidder shall prepared an original and the number of copies of the bid indicated in the Bid Data Sheet, clearly marking each "ORIGINAL BID" and "COPY OF BID" as appropriate. In the event of any discrepancy between them, the original shall govern.
- 11.2 The original and the copy or copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for unamended printed literature, shall be initialed by the person or persons signing the bid.
- Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

Submission of Bids

- 12. Sealing and Marking of **Bids**
- The Bidder shall seal the original and each copy of the bid in 12.1 separate envelopes, duly marking the envelopes as "ORIGINAL **BID**" and "ONE COPY". The envelopes shall then be sealed in an outer envelope. The inner and outer envelopes shall be addressed to the Procuring agency at the address given in the BDS, and carry statement "DO NOT OPEN BEFORE . 05.09.2016 at 11.30 AM"
- 12.2 If the outer envelope is not sealed and marked as required, the Procuring agency shall assume no responsibility for the bid's misplacement or premature opening.
- 13. **Deadline for Submission** of Bids
- 13.1 Bids must be received by the Procuring agency at the address specified in BDS, not later than the time and date specified in Bid Data Sheet.
- The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents, in such case all rights and obligations of the Procuring agency and bidders previously subject to the deadline will thereafter be subject to the deadline.

11.

10.

- 14. Late Bids
- 14.1 Any bid received by the Procuring agency after the deadline for submission of bids prescribes by the Procuring agency shall be rejected and returned unopened to the Bidder.
- 15. Modification and Withdrawal of Bids
- 15.1 The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids.
- 15.2 No bid may be modified after the deadline for submission of bids.
- 15.3 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiry of the period of bid validity withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security.

Opening and Evaluation of Bids

- 16. Opening of Bids by the Procuring agency
- 16.1 The Procuring agency shall open all bids in the presence of bidder's representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register/attendance sheet evidencing their attendance.
- 16.2 The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presences or absence of requisite bid security and such other details as the Procuring agency, at its discretion, may consider appropriate, will be announced at the opening.
- 17. Clarification of Bids
- 17.1 During evaluation of the bids, the Procuring agency may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.
- 18. Preliminary Examination
- 18.1 The Procuring agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- 18.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.

- 18.3 Prior to the detailed evaluation, the Procuring agency will determine the substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself.
- 18.4 If a bid is not substantially responsive, it will be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

19. Evaluation and Comparison of Bids

- 19.1 The Procuring agency will evaluate and compare the bids which have been determined to be substantially responsive.
- 19.2 The Procuring agency's evaluation of a bid will be on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location and shall exclude any allowance for price adjustment during the period of execution of the contract.

20. Contacting the procuring agency

- 20.1 No Bidder shall contact the procuring agency on any matter relating to its bid, from the time of bid opening to the time the announcement of Bid Evaluation Report. If the Bidder wishes to bring additional information to the notice of the procuring agency, it should do so in writing.
- 20.2 Any effort by a Bidder to influence the Procuring agency in its decision on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid.

Award of contract

21. Post – Qualification

- 21.1 In the absence of prequalification, the procuring agency may determine to its satisfaction whether that selected Bidder having submitted the lowest evaluation responsive bid is qualified to perform the contract satisfactorily.
- 21.2 The determination will take into account the Bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Claus-7 as well as such other information as the Procuring agency deems necessary and appropriate.
- 21.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Procuring agency will proceed to the next lowest evaluated bid to perform satisfactorily.

22. Award Criteria

22.1 The Procuring agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

23. Procuring agency's Right to Accept any Bid and to Reject any or All Bids

23.1 Subject to relevant provisions of SPP Rules 2010 (Amended 2013), the Procuring agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award.

23.2 Pursuant to Rule 45 of SPP Rules 2010 (Amended 2013), Procuring agency shall hoist the evaluation report on Authority's web site, and intimate to all the bidders seven days prior to notify the award of contract.

24. Notification of Award

24.1 Prior to the expiration of the period of bid validity, the Procuring agency shall notify the successful Bidder in writing, that its bid has been accepted.

24.2 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 26, the Procuring agency will promptly notify each unsuccessful Bidder and will discharge its bid security.

25. Signing of Contract

25.1 At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.

25.2 Within fourteen (14) days, or any other period specified in BDS, of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Procuring agency.

26. Performance Security

26.1 Within seven (07) days, or any other period specified in BDS, of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable to the Procuring agency.

26.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 25 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Procuring agency may make the award to the next lowest evaluated Bidder or call for new bids.

27. Corrupt or Fraudulent Practices

- 27.1 The Government of Sindh requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the SPPRA, in accordance with the SPP Act, 2009 and Rules made there under:
 - (a) "Corrupt and Fraudulent Practices" means either one or any combination of the practices given below;
 - (i) "Coercive Practice" means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;
 - (ii) "Collusive Practice" means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;
 - (iii) "Corrupt Practice" means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
 - (iv) "Fraudulent Practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

b)"Obstructive Practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

<u>Part – III</u> <u>General Conditions of Contract</u>

1. Definitions

- 1.1 In this Contract, the following terms shall be interpreted as indicated:
 - (a) "The Contract" means the agreement entered into between the Procuring agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
 - (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
 - (c) "The Goods" means all of the equipment, machinery, and/or other materials, which the Supplier is required to supply to the Procuring agency under the Contract.
 - (d) "The Services" means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
 - (e) "GCC" means the General Conditions of Contract contained in this section.
 - (f) "SCC" means the Special Conditions of Contract.
 - (g) "The Procuring agency" means the Sindh Public Procurement Regulatory Authority (SPPRA), Government of Sindh.
 - (h) "The Supplier" means the individual or firm supplying the Goods and Services under this Contract.
 - (i) **"SPP Rules 2010"** means the Sindh Public Procurement Rules 2010 (Amended 2013).
 - (j) "Day" means calendar day.

2. Standards

The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such

standards shall be the latest issued by the concerned institution.

3. Patent Rights

The Supplier shall indemnify the Procuring agency against all third- party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Islamic Republic of Pakistan.

4. Performance Security

- 4.1 Within seven (07) days, or any other duration as specified in SCC, of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.
- 4.2 The proceeds of the performance security shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 4.3 The performance security shall be denominated in the Pak rupees and shall be an unconditional bank guarantee, pay order, call deposit as, provided in the bidding documents or another form acceptable to the Procuring agency;
- 4.4 The performance security will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.

5 Inspections and Tests

- 5.1 The Procuring agency or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring agency. The Procuring agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 5.2 Should any inspected or tested Goods fail to conform to the Specifications, the Procuring agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring agency.
- 5.4 The Procuring agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Manufacturer.
- 5.5 Nothing in GCC Clause 5 shall in any way release the Supplier from any warranty or other obligations under this Contract.

6. Packing

The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage.

7. Delivery and Documents

Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping/ transportation and/or other documents to be furnished by the Supplier are specified in SCC.

8. Insurance

The Goods supplied under the Contract shall be delivered consignee's end under which risk is transferred to the Procuring agency after having been delivered; hence insurance coverage is Supplier's responsibility.

9. Transportation

The Supplier is required under the Contact to transport the Goods to a specified place of destination and shall be arranged by the Supplier, and related costs shall be deemed to have been included in the Contract Price.

10. Incidental Services

- 10.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract;

11. Spare Parts

- 11.1 The Supplier should provide any or all of the notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:
- (a) such spare parts as the Procuring agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
- (b) in the event of termination of production of the spare parts:
- (i) advance notification to the Procuring agency of the pending termination, in sufficient time to permit the Procuring agency to procure needed requirements; and
- (ii) following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications of the spare parts, if requested.

12. Warranty

12.1 The Supplier warrants that the Goods supplied under the

Contract are new, unused, of desired models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

- 12.2This warranty shall remain valid as per BOQ (03 Years and 01 Year wherever applicable) after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract.
- 12.3 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, within a reasonable period, the Procuring agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.

13. Payment

- 13.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.
- 13.2 The Supplier's request(s) for payment shall be made to the Procuring agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and upon fulfillment of other obligations stipulated in the Contract.
- 13.3 Payments shall be made promptly by the Procuring agency, but in no case later than thirty (30) days after submission of an invoice or claim by the Supplier.
- 13.4 The currency of payment is Pak. Rupees.

14. Prices

Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid,

15. Contract Amendments

No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

16. Delays in the Supplier's Performance

- 16.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring agency in the Schedule of Requirements.
- 16.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as

practicable after receipt of the Supplier's notice, the Procuring agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

16.2Except as provided under GCC Clause 17 a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages unless an extension of time is agreed upon pursuant to GCC Clause 16.2 without the application of liquidated damages.

17. Liquidated Damages

Subject to GCC Clause 20, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring agency may consider termination of the Contract pursuant to GCC Clause 18.

18. Termination for Default

- 18.1 The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:
- (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring agency pursuant to GCC Clause 16: or
- (b) if the Supplier fails to perform any other obligation(s) under the Contract.
- (c) if the Supplier, in the judgment of the Procuring agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

19. Force Majeure

- 19.1 Notwithstanding the provisions of GCC Clauses 16, 17 and 18, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 19.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 19.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring agency in writing of such condition and the

cause thereof. Unless otherwise directed by the Procuring agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

20. Resolution of Disputes

Resolution of dispute shall be through Mechanism for Redressal of Grievances as provided in the rules or through Arbitration Act 1942.

21. Governing Language

The Contract shall be written in English language all correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

22. Applicable Law

The Contract shall be interpreted in accordance with the SPP Rules 2010 (amended 2013).

24. Taxes and Duties

Supplier shall be entirely responsible for all taxes, duties (including stamp duty), license fees, etc., incurred until delivery of the contracted Goods to the Procuring agency.

25. Overriding effect of Sindh Public Procurement Rules 2010 (Amended 2013)

In case of conflict or primacy of interpretation the provisions of SPP Rules 2010 (amended 2013) shall have an overriding effect notwithstanding anything to the contrary contained in these bidding documents

Part-IV

Bid Data Sheet

The following specific data for "PROVIDING & INSTALLING OF NETWORK FIREWALL, JSMU, KARACHI." to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Part One. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

| Introduction | | |
|------------------------------------|---|--|
| ITB 1 | Name of Procuring Agency: Planning & Development Department, Jinnah Sindh Medical University, Karachi. Telephone No. 021-35223812-15 Ext-350, Fax 021-99201372. | |
| ITB 2 | Name of Contract. "PROVIDING & INSTALLING OF NETWORK FIREWALL, JSMU, KARACHI" | |
| Bid Price and Currency | | |
| ITB 3 | Prices quoted by the Bidder shall be "fixed" and in" Pak Rupees" | |
| Preparation and Submission of Bids | | |
| ITB 4 | Selection Criteria / Responsiveness Criteria: 1. Bidder should be a Pakistani Company OR a branch office of a Multinational Corporation. 2. Comply with specifications mentioned in bidding documents. 3. All the proposed products should be well known for its quality, performance and reliability. 4. All proposed items must have at least one year warranty. 5. The bidder must have at least 05 years of experience in the Supply. 6. Latest Income Tax Certificate (NTN). 7. Valid GST Registration Certificate. | |
| ITB 5 | Amount of bid security. 2% of Bid | |
| ITB 6 | Bid validity period. 90 days | |
| ITB 7 | Number of copies. One original only | |
| ITB 8 | Amount of Performance Guarantee of @ 10% for Bid successful Bidder | |
| ITB 9 | Deadline for bid submission . <u>05-09-2016</u> at 11.00 AM | |
| ITB 10 | Bid Evaluation: Lowest evaluated bid | |

Part-V

Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. Definitions (GCC Clause 1)

GCC 1 (g)—The Procuring Agency is: Office of the Planning & Development Department Jinnah Sindh Medical University, Karachi.

2. Performance Security (GCC Clause 4)

GCC 4—The amount of performance security, as a percentage of the Contract Price, shall be: 10%.

3. Inspections and Tests (GCC Clause 5)

Representative of Procuring Agency or his nominee shall inspect the procured good and ensure that it meets the tender specifications before its acceptance

4. Delivery and Documents (GCC Clause 7)

GCC 10—Supplier shall supply and install the good within 30 Days after signing the contract and shall submit the following.

- (i) Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Packing List identifying the contents of Supply;
- (iii) Delivery note.
- (iv) Warranty and guarantee certificate;

5. Warranty (GCC Clause 12)

The furniture items hall bear Standard warranty from the date of installation / acceptance. Upon expiration of warranty, Purchaser at its option may enter into a Service Level Maintenance Agreement.

6. Payment (GCC Clause 13)

Hundred percent (100%) of the Contract Price shall be paid upon delivery, and satisfactory Installation, integration and testing of the products at the Project site (s), subject to the production of installation and Operational Acceptance certificates duly signed by authorized Representative/nominee of the SPPRA.

7. Liquidated Damages (GCC Clause 18)

If the Supplier fails to deliver the goods or perform the services within the time period(s) specified in the contract, the Purchaser shall, without prejudice to its other remedies under the contract deduct from the

Contract Price, as liquidated damages, a sum equivalent to 0.07 percent of the Contract Price for each day of delay until actual delivery or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the purchaser may consider termination of the contract.

8. Resolution of Disputes (GCC Clause 21)

In the case of a dispute between the Procuring agency and the Supplier, the dispute shall be referred to the dispute resolution mechanism as defined in rule 31, 32 and 34 of the (SPPR 2010) Amended 2013

9. Applicable Law (GCC Clause 23)

GCC 29.1 Contract shall be interpreted in accordance with the Sindh Public Procurement law of Sindh.

Part-VI

SCHEDULE OF REQUIREMENTS

The delivery schedule hereafter expressed the date of delivery required.

| Sr. | Network Firewall | Qty | Required Delivery Schedule from the Date of Contract Award | Location |
|-----|---|-----------|--|---|
| 1. | Custom processors provide the performance needed to block emerging threats, meet rigorous third-party certifications, and ensure that your network security solution does not become a network bottleneck | | | |
| 2. | The proposed vendor must have Industry-leading protection: NSS Labs Recommended, VB100, AV Comparatives and ICSA validated security and performance. | | | |
| 3. | Solution should be an integrated Next Gen Firewall platform which includes firewall, application control, IPS, Anti-Virus, URL Filtering and Advanced Persistent threat Prevention capabilities. | | | |
| 4. | The content processor works outside of the direct flow of traffic, providing high-speed cryptography and content inspection services including: • Signature-based content inspection acceleration • Encryption and decryption offloading | 01 No. | Delivery & Installation within 30 Days. | I.T. Department, JMSU, Karachi |
| 5. | Real-time Updates — 24x7x365 Global Operations research security intelligence, distributed via Distributed Network to all platforms. | | | |
| 6. | Security Research —Labs have discovered over 170 unique zero-day vulnerabilities to date, totaling millions of automated signature updates monthly. | | | |
| 7. | Validated Security Intelligence — Based on intelligence, network security platform is tested and validated by the world's leading third- party testing labs and customers globally. | | | |
| 8. | The appliance should support at least 16x GE RJ45 LAN Interfaces, 2x GE | | | |

| | WAN and must 2 CED DAG |
|------------|---|
| | WAN and must 2x SFP DMZ |
| | Interfaces |
| 9. | Proposed appliance should have |
| | inbuilt redundant power supply. |
| 10. | Firewall should have local in-built |
| 10. | storage of 40 GB SSD |
| | Firewall Throughput must be (1518 / |
| 11. | 512 / 64 byte UDP packets) 3 / 3 / 3 |
| | Gbps |
| | Proposed IPS throughput with TCP |
| | and UDP traffic blend, with |
| | customized IPS Policy, scanning all |
| 12. | part of sessions in both directions |
| 12. | must be at .least 1.7 Gbps. Data need |
| | to be substantiated and available in |
| | |
| | public domain (links to be provided). |
| 13. | Firewall should support VPN |
| | throughput of at least 1.3 Gbps |
| 14. | Proposed solution must include SSL |
| 11, | Maximum VPN license for 300 users |
| 15. | Firewall should support at least 3.2 |
| 13. | million concurrent sessions. |
| 1.0 | Firewall should support minimum |
| 16. | 77,000 new connections per second. |
| | Proposed firewall must support |
| 17. | minimum 10 virtual domains |
| | Firewall should support CAPWAP |
| 18. | Throughput 1.8Gbps |
| | |
| 19. | Firewall should support NGFW |
| | Throughput 330Mbps |
| 20. | Firewall should support Application |
| | Control Throughput 600Mbps |
| | Firewall must support Open VPN |
| 21. | Server with quick and easy web |
| 21. | interface for VPN client |
| | management. |
| 22 | Firewall must support SSL VPN with |
| 22. | all web contents |
| | The Firewall should support |
| | authentication protocols like Active |
| 23. | Directory, LDAP and have support |
| 23. | = |
| | for Firewall passwords& token-based |
| | products. |
| <i>~ .</i> | The IPS should be constantly updated |
| 24. | with new defenses against emerging |
| | threats. |
| | IPS Engine should support |
| | Vulnerability and Exploit signatures, |
| 25. | Protocol validation, Anomaly |
| | detection, Behavior-based detection, |
| | Multi-element correlation. |
| | IPS should be able to detect and |
| 26. | prevent embedded threats with in SSL |
| ۷٠. | traffic. |
| | ualic. |

| 27. U c | Application control must Identify applications, its different categories, JRLs, HTTPS inspection, Malware |
|--|---|
| 27. U c | |
| с р | JRLs, HTTPS inspection, Malware |
| р | · • • • • • • • • • • • • • • • • • • • |
| т | content sites, IP and/or user based |
| Т | policies. |
| 20 - | The proposed solution must be able to |
| $28.$ $\begin{bmatrix} 1 \\ s \end{bmatrix}$ | support DoS and DDoS protection |
| Т | The proposed solution shall support |
| 79 | ONS proxy |
| | nspect content to protect networks. |
| | Protect the network against known |
| | and unknown threats including |
| | vulnerability exploits and malware |
| | * * |
| | embedded in all types of traffic. |
| | The proposed solution must support |
| | Data filtering for data patterns like for |
| | eg Credit Card Numbers. |
| S | Solution must have a URL |
| c | categorization that exceeds 150+ |
| n | nillion URLs filtering database. |
| S | Should have predefined more than |
| | 00 categories. The solution should |
| | have the capabilities to block, permit, |
| | illow & log, protocols other than |
| | HTTP, HTTPs, FTP. Bidder to |
| | confirm URL database. |
| | The solution should also have the |
| | calability to scan & secure SSL |
| | encrypted traffic passing through |
| 44 | |
| _ | gateway. Should perform inspection |
| | o detect & block malicious content |
| | lownloaded through SSL. |
| | Should scan outbound URL requests |
| | and ensure users do not visit websites |
| | hat are known to distribute malware. |
| (| Granularly define exceptions for SSL |
| 35. ii | nspection to protect user privacy and |
| c | comply with corporate policy. |
| 9 | Solution should be able to detect & |
| 36. P | Prevent the Bot infected machine |
| | Solution should be able to detect & |
| D | Prevent Unique communication |
| 3/ | patterns used by BOTs ie Information |
| _ | about Botnet family |
| | · · |
| | Solution should be able to detect & |
| | Prevent attack types ie, such as spam |
| | ending click fraud or self- |
| | listribution, that are associated with |
| | Bots |
| S | Solution should be able to block |
| 20 tı | raffic between infected Host and |
| 39. H | Remote Operator and not to |
| | egitimate destination |
| 1 16 | ity Management Specifications |

| | (Firewall Analyzer) |
|------------|---|
| | Firewall central management |
| | reporting, logging and analyzer |
| 40. | solution has to be in dedicated |
| | appliance foot print |
| | |
| | Centralized Firewall management |
| 41. | should be able to manage all functions |
| | specified in Firewall, IPS, BotNet, |
| | WCF from central console |
| | Central Firewall Management should |
| 42. | have 1 TB storage and up to 5GB/Day |
| | of logs |
| 43. | Firewall Analyzer should have 4x GE |
| 43. | RJ45 interfaces |
| | Firewall Analyzer should be able to |
| 44. | provide central logging, Analysis and |
| | granular reporting |
| | Management (Management, |
| | reporting, analysis) System Support |
| 45. | for role based administration of |
| | firewall |
| | Solution should support analysis of |
| 46. | |
| | traffic pattern using graphs and charts |
| | Firewall Analyzer should views |
| 4.77 | Generation ad-hoc graphical, |
| 47. | filterable views of top users, |
| | applications, destinations, websites, |
| | threats, VPN usage and more. |
| | Firewall Analyzer should have utilize |
| | or modify the PDF templates to |
| 48. | display colorful, comprehensive, |
| | graphical network security and usage |
| | reports. |
| | Firewall Analyzer should regularly |
| | analyze the security profile and |
| 49. | traffic/bandwidth patterns with a new |
| | consolidated UTM/Traffic report. |
| | Firewall Analyzer should export and |
| 50. | modify the configuration on another |
| 50. | |
| | Analyzer or deferent ADOM. |
| 51. | Firewall Analyzer should support all |
| | mid-level and enterprise level firewall |
| | Should Educates users to make good |
| 52. | decisions by incorporating |
| | Compliance into daily activities |
| | Should also be able to enforce the |
| ~ 0 | compliance there by Providing clear |
| 53. | and practical guidance on best way to |
| | deliver meaningful security practices |
| | Should Indicates automatically where |
| | |
| <i>E</i> 1 | improvements are needed and |
| 54. | ongoing continuous assessment rather |
| | than manual intervention for meeting |
| | up compliance. |

| | Firewall Analyzer should have |
|-----|------------------------------------|
| 55. | compliance safety certificates |
| 33. | FCC Part 15 Class A, C-Tick, VCCI, |
| | CE, UL/cUL, CB |
| | 1 Year Hardware Premium Bundle |
| 56. | Upgrade to 24x7 Comprehensive |
| | Support |
| | The vendor must arrange a |
| 57. | comprehensive training of the |
| | proposed firewall for two persons. |
| 70 | Installation, Configuration and |
| 58. | Testing |

Note: Specifications of above items are attached.

Part-VII

SAMPLE FORMS

| Form- | I |
|------------|---|
| T. OT 111- | L |

| Letter of | Acceptance |
|-----------|------------|
|-----------|------------|

| | Date: | | | |
|---|--|--|--|--|
| To: | | | | |
| Advisor Planning & Developme Jinnah Sindh Medical University Karachi, | • | | | |
| Dear Sir: | | | | |
| acknowledged, we, the undersigned conformity with the said bidding doct | g documents, the receipt of which is hereby duly d, offer to supply and deliver the required item in uments for the sum of [total bid amount in words and figures] ined in accordance with the Schedule of Prices attached | | | |
| We undertake, if our Bid is a delivery schedule specified in the Sch | accepted, to deliver the goods in accordance with the nedule of Requirements. | | | |
| _ | obtain the guarantee of a bank in a sum equivalent to e/Pay order for the due performance of the Contract, in | | | |
| We agree to abide by this Bid for a period of 15 days from the date fixed for Bid opening under Clause 10 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period. | | | | |
| | ared and executed, this Bid, together with your written cation of award, shall constitute a binding Contract | | | |
| We understand that you are not bound | d to accept the lowest or any bid you may receive. | | | |
| Dated this day of | 2015 | | | |
| [signature] | [in the capacity of] | | | |
| Duly authorized to sign Bid for and or | n behalf of | | | |

Price Schedule in Pak. Rupees

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 |
|------|-------------|-------------------|----------|----------|--------|-------|---------------------|
| Item | Description | Country of origin | Quantity | Unit pri | ice | Total | Remarks (if any) |
| | | | | Words F | Figure | | |
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| Total Bid amount in words: |
|-----------------------------|
| Total Bid amount in figure: |
| Signature of Bidder |
| |

Note:

- (i) In case of discrepancy between unit price and total, the unit price shall prevail.
- (ii) The unit and total prices Delivered at Planning & Development Department, Jinnah Sindh Medical University Karachi should include the price of incidental services. No separate payment shall be made for the incidental services.

Form-III

Experience of Similar Supply and Installation

| S. No | Assignment Description | Name /Contact Details of Client | Cost | Start Date | End Date | Remarks |
|-------|---------------------------|--|------|---------------|-------------|---------|
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Contract Form

| Medical University, Karachi. (her | einafter called "the Pro | 20 between <i>Jinnah Sindh</i> cocuring agency") of the one part and er called "the Supplier") of the other |
|---|--|---|
| PROVIDING & INSTALLING C | OF NETWORK FIREVE For the supply of those | in goods and ancillary services, viz. WALL, JSMU, KARACHI. and have goods and services in the sum of ontract Price"). |
| NOW THIS AGREEMENT WITN | NESSETH AS FOLLO | WS: |
| 1. In this Agreement words respectively assigned to them in the | | Il have the same meanings as are act referred to. |
| of this Agreement, viz.: (a) the Bid Form and the Price (b) the Schedule of Requireme (c) the Technical Specification (d) the General Conditions of C (e) the Special Conditions of C (f) the Procuring agency's Not 3. In consideration of the pay as hereinafter mentioned, the Supp the goods and services and to ren provisions of the Contract 4. The Procuring agency here | Schedule submitted by ents; as. Contract; Contract; and tification of Award. The ments to be made by the covenants when the covenants to pay the co | the Procuring agency to the Supplies with the Procuring agency to provide a conformity in all respects with the the Supplier in consideration of the of defects therein, the Contract Price |
| | e payable under the pro | rovisions of the contract at the times |
| IN WITNESS whereof the partie accordance with their respective la | | this Agreement to be executed in rst above written. |
| Signed, sealed, delivered byagency) | the | (for the Procuring |
| Signed, sealed, delivered by | the | (for the Supplier) |

Performance Security Form

| To: Planning & Development Department Jinnah Sindh Medical University, Karachi. |
|--|
| WHEREAS [name of Supplier] (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. [reference number of the contract] dated 2015 to supply [description of goods and services] (hereinafter called "the Contract"). |
| AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract. |
| AND WHEREAS we have agreed to give the Supplier a guarantee: |
| THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [amount of the guarantee in words and figures], and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of [amount of guarantee] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein. |
| This guarantee is valid until the day of20 |
| Signature and seal of the Guarantors |
| [name of bank or financial institution] |
| [address] |
| [date] |

Manufacturer's Authorization Form

To:

Planning & Development Department Jinnah Sindh Medical University, Karachi.

WHEREAS [name of the Manufacturer] who are established and reputable manufacturers of [name and/or description of the goods] having factories at [address of factory]

do hereby authorize [name and address of Agent] to submit a bid, and subsequently sign the Contract with you against NIT No. [reference of the Invitation to Bid] for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 12 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

Part-VIII

Technical Specification

| Sr. | Network Firewall | Qty | Rate | Amount |
|-----|--|-----------|------|--------|
| | Custom processors provide the performance needed to block emerging threats, meet rigorous third-party | | | |
| 1. | certifications, and ensure that your network security solution does not become a network bottleneck | | | |
| 2. | The proposed vendor must have Industry-leading protection: NSS Labs Recommended, VB100, AV Comparatives and ICSA validated security and performance. | | | |
| 3. | Solution should be an integrated Next Gen Firewall platform which includes firewall, application control, IPS, Anti- Virus, URL Filtering and Advanced Persistent threat Prevention capabilities. | | | |
| 4. | The content processor works outside of the direct flow of traffic, providing high-speed cryptography and content inspection services including: • Signature-based content inspection acceleration • Encryption and decryption offloading | 01 No. | | |
| 5. | Real-time Updates — 24x7x365 Global Operations research security intelligence, distributed via Distributed Network to all platforms. | | | |
| 6. | Security Research —Labs have discovered over 170 unique zero-day vulnerabilities to date, totaling millions of automated signature updates monthly. | | | |
| 7. | Validated Security Intelligence — Based on intelligence, network security platform is tested and validated by the world's leading third-party testing labs and customers globally. | | | |
| 8. | The appliance should support at least 16x GE RJ45 LAN Interfaces, 2x GE WAN and must 2x SFP DMZ Interfaces | | | |
| 9. | Proposed appliance should have inbuilt redundant power supply. | | | |

| | 77' 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|------------|--|
| 10. | Firewall should have local in-built |
| 10. | storage of 40 GB SSD |
| | Firewall Throughput must be (1518 / |
| 11. | 512 / 64 byte UDP packets) 3 / 3 / 3 |
| | Gbps |
| | Proposed IPS throughput with TCP and |
| | UDP traffic blend, with customized IPS |
| | Policy, scanning all part of sessions in |
| 12. | both directions must be at .least 1.7 |
| | Gbps. Data need to be substantiated and |
| | available in public domain (links to be |
| | provided). |
| 12 | Firewall should support VPN |
| 13. | throughput of at least 1.3 Gbps |
| 1.4 | Proposed solution must include SSL |
| 14. | Maximum VPN license for 300 users |
| 4.5 | Firewall should support at least 3.2 |
| 15. | million concurrent sessions. |
| | Firewall should support minimum |
| 16. | 77,000 new connections per second. |
| | Proposed firewall must support |
| 17. | minimum 10 virtual domains |
| | Firewall should support CAPWAP |
| 18. | Throughput 1.8Gbps |
| | Firewall should support NGFW |
| 19. | Throughput 330Mbps |
| | Firewall should supportApplication |
| 20. | Control Throughput 600Mbps |
| | Firewall must support OpenVPN |
| | Server with quick and easy web |
| 21. | interface for VPN client |
| | |
| | management. |
| 22. | Firewall must support SSL VPN with |
| | all web contents |
| | The Firewall should support |
| 22 | authentication protocols like Active |
| 23. | Directory, LDAP and have support for |
| | Firewall passwords& token-based |
| | products. |
| <i>- 1</i> | The IPS should be constantly updated |
| 24. | with new defenses against emerging |
| | threats. |
| | IPS Engine should support |
| | Vulnerability and Exploit signatures, |
| 25. | Protocol validation, Anomaly detection, |
| | Behavior-based detection, Multi- |
| | element correlation. |
| 26 | IPS should be able to detect and |
| 26. | prevent embedded threats with in SSL |

| | traffic. |
|--------------|---|
| | Application control must Identify |
| | applications, its different categories, |
| 27. | URLs, HTTPS inspection, Malware |
| <i>4</i> / • | content sites, IP and/or user based |
| | policies. |
| | The proposed solution must be able to |
| 28. | support DoS and DDoS protection |
| | The proposed solution shall support |
| 29. | DNS proxy |
| | Inspect content to protect networks. |
| | Protect the network against known and |
| 30. | unknown threats including vulnerability |
| | exploits and malware embedded in all |
| | types of traffic. |
| | The proposed solution must support |
| 31. | Data filtering for data patterns like for |
| | eg Credit Card Numbers. |
| | Solution must have a URL |
| | categorization that exceeds 150+ |
| | million URLs filtering database. Should |
| | have predefined more than 100 |
| 32. | categories. The solution should have |
| | the capabilities to block, permit, allow |
| | & log, protocols other than HTTP, |
| | HTTPs, FTP. Bidder to confirm URL |
| | database. |
| | The solution should also have the |
| | scalability to scan & secure SSL |
| 22 | encrypted traffic passing through |
| 33. | gateway. Should perform inspection to |
| | detect & block malicious content |
| | downloaded through SSL. |
| | Should scan outbound URL requests |
| 34. | and ensure users do not visit websites |
| | that are known to distribute malware. |
| | Granularly define exceptions for SSL |
| 35. | inspection to protect user privacy and |
| | comply with corporate policy. |
| 26 | Solution should be able to detect & |
| 36. | Prevent the Bot infected machine |
| | Solution should be able to detect & |
| 27 | Prevent Unique communication |
| 37. | patterns used by BOTs ie Information |
| | about Botnet family |
| | Solution should be able to detect & |
| 20 | Prevent attack types ie, such as spam |
| 38. | |
| 38. | sending click fraud of self-distribution, |
| 38. | sending click fraud or self-distribution, that are associated with Bots |

| | hatwaan infacted Hest and Damete |
|-------------|---|
| | between infected Host and Remote |
| | Operator and not to legitimate |
| G •: | destination |
| Security | Management Specifications (Firewall |
| 1 | Analyzer) |
| 40 | Firewall central management reporting, |
| 40. | logging and analyzer solution has to be |
| | in dedicated appliance foot print |
| | Centralized Firewall management |
| 41. | should be able to manage all functions |
| | specified in Firewall, IPS, BotNet, |
| | WCF from central console |
| | Central Firewall Management should |
| 42. | have 1 TB storage and up to 5GB/Day |
| | of logs |
| 43. | Firewall Analyzer should have 4x GE |
| 43. | RJ45 interfaces |
| | Firewall Analyzer should be able to |
| 44. | provide central logging, Analysis and |
| | granular reporting |
| | Management (Management, reporting, |
| 45. | analysis) System Support for role based |
| | administration of firewall |
| | Solution should support analysis of |
| 46. | traffic pattern using graphs and charts |
| | Firewall Analyzer should views |
| | Generation ad-hoc graphical, filterable |
| 47. | views of top users, applications, |
| \lnot/. | destinations, websites, threats, VPN |
| | usage and more. |
| | |
| | Firewall Analyzer should have utilize |
| 48. | or modify the PDF templates to display |
| | colorful, comprehensive, graphical |
| | network security and usage reports. Firewall Analyzer should regularly |
| | |
| 49. | analyze the security profile and traffic/bandwidth patterns with a new |
| | = |
| | consolidated UTM/Traffic report. |
| 50 | Firewall Analyzer should export and |
| 50. | modify the configuration on another |
| | Analyzer or deferent ADOM. |
| 51. | Firewall Analyzer should support all |
| | mid-level and enterprise level firewall |
| | Should Educates users to make good |
| 52. | decisions by incorporating Compliance |
| | into daily activities |
| | Should also be able to enforce the |
| 53. | compliance there by Providing clear |
| | and practical guidance on best way to |

| | deliver meaningful security practices |
|-----|---|
| | Should Indicates automatically where |
| | improvements are needed and ongoing |
| 54. | continuous assessment rather than |
| | manual intervention for meeting up |
| | compliance. |
| | Firewall Analyzer should have |
| 55. | compliance safety certificates |
| 55. | FCC Part 15 Class A, C-Tick, VCCI, |
| | CE, UL/cUL, CB |
| | 1 Year Hardware Premium Bundle |
| 56. | Upgrade to 24x7 Comprehensive |
| | Support |
| | The vendor must arrange a |
| 57. | comprehensive training of the proposed |
| | firewall for two persons. |
| 58. | Installation, Configuration and Testing |