

TENDER DOCUMENT
FOR
SUPPLY, INSTALLATION & MAINTENANCE OF FIREWALL
(WITH 3 YRS OEM WARRANTY)
UNDER BUY-BACK OF SONICWALL NSA 5600 FIREWALL
AT
GUJARAT GREEN REVOLUTION COMPANY LIMITED



**Gujarat Green Revolution Company Limited,
Opp. GSFC University, GSFC Fertilizernagar,
Vadodara-391750 (Gujarat)**

**Phone: 0265-2607515-20, 1800-233-2652,
Fax: 0265-2241685,
Website: www.ggrc.co.in**

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E-TENDER NOTICE

1. **GUJARAT GREEN REVOLUTION COMPANY LIMITED** (hereafter referred to as **GGRC**) is working as an Implementing Agency on behalf of Government of Gujarat (GOG) and Government of India (GOI) to bring second Green Revolution in consonance with the Agriculture Policy and Vision of Government of Gujarat so as to save water, fertilizer and energy, besides multiple benefits to improve agricultural productivity and farmer's prosperity at large. GGRC is pleased to invite "E-Tenders" through (n) Procure from experienced firm /company /agency for **"TENDER DOCUMENT FOR SUPPLY, INSTALLATION & MAINTENANCE OF FIREWALL (WITH 3 Yrs OEM WARRANTY) UNDER BUY-BACK OF SONICWALL NSA 5600 FIREWALL AT GUJARAT GREEN REVOLUTION COMPANY LIMITED"**

2. **Important details of E-Tendering**

| | | |
|---|---|---|
| Tender No. | : | GGRC/SYSD/FIREWALL/RFP/2022 |
| Name of Work | : | TENDER DOCUMENT SUPPLY, INSTALLATION & MAINTENANCE OF FIREWALL (WITH 3 Yrs OEM WARRANTY) UNDER BUY-BACK OF SONICWALL NSA 5600 FIREWALL AT GUJARAT GREEN REVOLUTION COMPANY LIMITED |
| Earnest Money Deposit (in Rs.) | : | Rs. 15000/- (Refundable) |
| Pre-Bid Meeting Date & Time | : | 11th May, 2022 14:00 Hrs |
| Pre-Bid Meeting Venue | : | Conference Room GGRC, Fertilizernagar, Vadodara. |
| Last Date of Tender and Submission of Document | : | 23th May, 2022 17:00 Hrs |

- 2.1. The financial bid shall be submitted online only at (n) Procure website **www.nprocure.com**. Manual price bids will not be accepted under any circumstances.

Eligibility Criteria:

The eligibility criteria for invitation of bids are mentioned below. Only those Vendors, who satisfy all the eligibility criteria as mentioned herein below, May respond. Document in support of all eligibility criteria are required to be submitted along with technical bid.

1. The vendor should be the original Equipment manufacturer (OEM) or authorized highest efficiency partner of OEM.
2. Vendor must have back support relation with the OEM's whose products are proposed by the vendor to GGRC.
3. The vendor should be firm /company registered in India with minimum Five Years of presence in India.
4. The Vendor shall not quote for the products, whose end of sale/ End of support has been declared by the OEM and the certificate assuring the same has to be submitted with product having minimum support life 5 years from date of purchase.
5. The Bidder should have turnover of Min. Rs. 2 Crores per annum for the past 2 financial years.
 - I). 2019-20
 - II). 2020-21
6. The bidder should have 3 years experience in supply, installation, and maintenance of firewall.
7. The Bidder should have supplied the Firewall for at least five 3 customers in any sector in India during the last 3 years.

3. The E-Tender are in **two bid system i.e. Part –I- Technical Bid and Part-II -Financial Bid.**
 - 3.1 The Bidders who are interested in participating in the tender must read and comply with the General Terms and Conditions contained in the tender documents.
 - 3.2 Before quoting the rates, the Bidder should go through the Scope of Work, General Terms and Conditions to Bidder, Other Terms & Conditions and get himself fully conversant with them.
4. Company reserves the right to accept or reject any E-Tender Bid without assigning any reasons whatsoever and decision of the Company will be final and binding on all the Bidders.

PART A - GENERAL TERMS AND CONDITIONS

(A) TECHNICAL BID

1. Bidders have to submit **Technical Bid online as per the Format attached at Part -I** Bidder Profile as well as physically in Separate sealed envelope in **Cover-II:** mentioning “**Technical Bid**” with following documents:

- 1.1. **Bidder has to pay E.M.D. as mentioned in tender notice. The EMD is payable in favour of Gujarat Green Revolution Company Limited, Vadodara Drawn on any Scheduled Commercial Bank / Nationalized Bank by Demand Draft or Banker's Cheque or Direct deposit with Bank of Baroda Account No. 02090200000334, IFSC Code: BARB0FERTIL only.**

Bidder has to upload PDF copy of **DD / Banker's Cheque / Receipt of Direct deposit with (GGRC Bank Account) online as Annexure –I and also has to submit original DD / Banker's Cheque / Receipt of Direct deposit with (GGRC Bank Account)** of EMD of Rs. 15,000/- in **Cover –I:** mentioning “**EMD for Tender**”. Tenders submitted without Earnest Money Deposit will be rejected without entering in to further correspondence in this regard and no reference will also be made.

The EMD of unsuccessful/successful Bidder will be refunded preferably in 30 days of finalization of the contract. Such deposits shall not bear any interest. It will not be open to the Bidder to withdraw the tender.

If any Bidder withdraws or fails to accept the contract when awarded, the EMD shall be liable to be forfeited.

- 1.2. Certificate of Registration / Partnership deed or firm registration certificate / Shop and Establishment Certificate. (**Annexure –II**)
- 1.3. Bank Account No. and IFSC Code with copy of Bank Cheque. (**Annexure- III**)
- 1.4. EPF Number Allotment Letter (If Applicable) (**Annexure - IV**)
- 1.5. GST Registration (**Annexure- V**)
- 1.6. PAN Card(**Annexure-VI**)
- 1.7. Copy of Work Orders from Previous Clients / Current clients. (**Annexure -VII**)
- 1.8. Work Performance Certificate from past / Current Client in the **Format attached at (Annexure-VIII)**
- 1.9. The certified copy of balance sheet for last two years duly audited / certified by Chartered Accountant along with CA certificate for turn over & Net worth and a copy of Un-Audited Balance Sheet for the Current Financial Year to be submitted in physical in Technical bid cover. Last two years Financial Turnover in the Format attached at **Annexure-IX**. GGRC may at its discretion reduce the minimum turn over limit.
- 1.10. The bidders have to sign undertaking in regard to Stop Deal / Black List Thereof in (**Annexure-X**). This should be submitted with the technical bid.

The Bidder shall submit all the evidences, documents, attested copies of work orders & work completion certificates etc. as a proof with EMD and also provide the requisite details for meeting the prequalification requirements. GGRC will verify the experience, performance, capability & strength of Bidders, independently for awarding the service contract.

GGRC reserves the right to accept/cancel/reject any/all Bids without assigning any reason thereof. The tenders of qualified Bidder / Bidders shall only be considered for further evaluation.

1. The Bidders have to submit original DD / **Banker's Cheque** / Receipt of Direct Bank Deposit (GGRC Bank Account) of **EMD” in Cover –I** and **“Technical Bid”- in Cover –II** with necessary documents mention above in point no.1 in one sealed envelope super scribed **“TENDER DOCUMENT FOR SUPPLY, INSTALLATION & MAINTENANCE OF FIREWALL (WITH 3 YRS OEM WARRANTY) UNDER BUY-BACK OF SONICWALL NSA 5600 FIREWALL AT GUJARAT GREEN REVOLUTION COMPANY LIMITED”** on or before the closing date and time of Tender to the following address:

Manager (Tech & MIS)
Gujarat Green Revolution Company Limited,
Fertilizernagar Township, P.O. Fertilizernagar, Dist: Vadodara, 391750

2. Tender documents will be accepted by RPAD / Speed Post / Courier or in Person only otherwise Tender will be rejected.
3. All the certificates/documents required for qualifying criteria should be submitted with Technical Bid for deciding of the opening of financial Bid.
4. GGRC reserves Rights to extend the due date for submission of Tender by issuing an amendment.
5. Tender, if not supported by required documents as mention above will not be considered and the Bidder would be construed as disqualified.
6. The Bidders submitting Tender without EMD or EMD for lesser amount would be construed as disqualified.
7. Any cost incurred in relation with the submission of bid will not be reimbursed by GGRC.
8. **The Bidder must have to submit all required technical documents physically as well as upload online before last date of e-Tender**

(B) FINANCIAL BID

1. The Bidder has to submit **Financial Bid online only as per the attached format given in Part-II** through the web portal of n-procure at **<https://www.nprocure.com>** of this Tender document and no other format is acceptable.
2. GST if applicable shall be paid extra at actual by GGRC as per prevailing rates as declared by Central / State Government on submission of documentary evidence.
3. The Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable.
4. The GGRC may on its discretion extend the last date for submission of the bids and such extension shall be binding on all the Bidders. Addendum/Corrigendum/Re-tendering, if any in this regard, will be informed through email.
5. **Financial bid must be submitted online only; if it is found in technical bid physical/online, straightaway bidder will be disqualified.**

(C) MODIFICATION AND WITHDRAWAL OF BIDS:

1. The Bidder may modify or withdraw the bid prior to the last date prescribed for submission of bids.
2. No Bid shall be modified subsequent to the deadline for submission of Bids.
3. No Bid shall be withdrawn in the interval between the deadline for submission of Bids and the expiration of the period of bid validity.

(D) PRE – BID MEETING

1. For the purpose of clarifications of doubts of the Bidders on issues related to the Tender, GGRC intends to hold a Pre-bid meeting. The date and venue of pre-bid meeting is mentioned in the E-Tender Notice.
2. No Individual correspondence will be accepted in this regards.
3. Only authorized representatives of Bidder who can participate and take on the spot decision of the deliberation will be allowed to attend the Pre-bid meeting. A letter to this effect must be carried by the person representing the Bidder at the time of pre bid Meeting.
4. Not more than 3 Representatives would be permitted from each Bidder at the time of the pre bid meeting.

(E) OPENING OF TECHNICAL AND FINANCIAL BID

1. Online Bids (complete in all respect) as well as physically in separate sealed envelope received along with DD / Banker's Cheque / Receipt of Direct Deposit (GGRC Bank Account) of EMD (Physically) on or before closing date and time of tender will be opened. **Bid received without EMD and after due date will be rejected straightaway.**
2. The Technical bid should be complete in all respects, except prices, contain all information asked for and most importantly comply with the technically. The documentary proof in support of all Eligibility Criteria should be submitted along with technical Bid.
3. Incomplete bid or bids not confirming to the terms and conditions are liable for rejection by GGRC. Any Technical Bid, submitted with incorrect information will be liable for rejection. Further, if any Bidder is found to have submitted incorrect information at any time, he may be debarred from participation in the tendering processes.
4. A duly constituted **Tender Evaluation Committee** will evaluate eligibility criteria of bidders. Technical bid of only those bidders, whose bids are declared eligible by the committee, will be evaluated.
5. It shall be noted that required documents submitted in separate sealed envelope along with the Technical bid will be perused/examined and in case of any deficiency, the Technical Bid will be rejected and Financial Bid will not be opened.
6. **Preliminary Examination:**
 - 6.1 The Company will examine the Bids for any computational errors, for sureties furnished by bidder, for authentication of documents submitted and completeness of the Bids.
 - 6.2 Arithmetical errors or any discrepancy will be rectified & will be binding to the bidders.
7. **The successful bidder (L-1) shall be decided only after successive tendering procedure by the Tender Evaluation.**
 - 7.1 GGRC will award the Contract to that bidder whose quotation has been determined to be substantially responsive and evaluated as the lowest quotation in conformity with the requirements of the specifications and documents contained herein, provided further that the bidder is determined and evaluated to be qualified to perform the contract satisfactorily.
 - 7.2 The successful bidder shall be intimated of his selection through the Letter of Intent or Letter of Award/ Work Order which shall be sent to him through e-mail.

- 7.3 GGRC reserves the right to seek clarification or call for supporting documents from any of the Bidders, for which the concerned Bidder needs to submit the documentary evidence(s) as required by GGRC.
- 7.4 GGRC reserves the right to resort to re-tendering without providing any reason whatsoever. GGRC shall not incur any liability on account of such rejection.
- 7.5 This Tender is non transferable. The incomplete and conditional tenders will be summarily rejected;
- 7.6 No Bidders will be allowed to withdraw after e-submission of bids/ opening of the tender; otherwise the EMD submitted by the firm will be forfeited;

8 Validity of Bids

8.1 Bids shall remain valid and open for acceptance for a period of 90 days from the last date of submission of Bids.

8.2 The GGRC reserves right to extend for another period of 60 days in addition to 90 days without giving any reasons thereof.

8.3 In case, GGRC calls the bidder for negotiation then this shall not amount to cancellation or withdrawal of original offer which shall be binding on the bidder.

9 Right of Acceptance

9.1 The GGRC reserve all rights to reject any bid including bids of those bidders who fail to comply with the instructions without assigning any reason whatsoever and does not bind it to accept the lowest or any specific bids. The decision of the GGRC in this regard shall be final and binding.

9.2 Any failure on the part of the bidder to observe the prescribed procedure the bidder's bid is liable for rejection.

9.3 Any attempt to canvass for the work shall render the bidder's bids liable for rejection.

9.4 The GGRC reserves the right to award any or part or full Contract to any successful Contractor at its sole discretion and this will be binding on the bidders.

9.5 In case of failure to comply with the provisions of the terms and conditions mentioned by the Contractor that has been awarded the Contract, the GGRC reserves the right to award the work to the next higher bidder or any other Contractor and the difference of price shall be recovered from the Contractor, which has been awarded the initial Contract and this will be binding on the bidders. Security Deposit is also forfeited.

9.6 GGRC may terminate the Contract if it is found that the Contractor is blacklisted on previous occasions by any of the Government Departments / Institutions / Local Bodies / Municipalities / Public Sector Undertakings / Private / Limited Companies.

9.7 The Company reserves the right to amend/ modify the Bidding documents at any time prior to the deadline for submission of Bids, either at its own discretion or in response to

the clarification requested by a prospective Bidder. In such case, the Company may in its discretion extend the deadline for submission of Bids in order to facilitate the prospective Bidders for incorporating the effect of the amendment in their Bids.

(F) NOTIFICATION OF AWARD BY ISSUANCE OF 'LETTER OF ACCEPTANCE'

1. After determining the successful bidder after evaluation, the GGRC shall issue a Letter of Acceptance (LOA) in duplicate, which will return one copy to GGRC duly acknowledged, accepted and signed by the authorized signatory, within seven (07) days of receipt of the same by the successful bidders.
2. The issuance of the Letter of Acceptance to the bidder shall constitute an integral part of the Agreement and it will be binding to the Contractor.

(G) PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule.

(H) SUBMISSION OF BIDS

1. The Bidders shall have a valid Class-III digital signature certificate for participation in the online tender. Without Digital Signature online tender process is not possible. The cost of digital signatures, if any, will be borne by respective Bidders. For the same all may contact to following address:

E PROCUREMENT SUPPPORT

(n) Code Solutions

A division of Gujarat Narmada Valley Fertilizers Compnay Ltd.

301, GNFC Info Tower, Bodakdev, Ahmedabad-380054

Ph. 079-26857316/17/18,079-4007501/02/515/525 Fax-079-26857321

2. The Bidders shall have to submit bids before the last date of Tender submission and also as per the terms and conditions mentioned in this document.

(I) ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to **Shri Jignesh Patel (0265 – 2607518) or in person by visiting the GGRC during working hours (08.30 to 17.00) by taking prior appointment.**

PART B- OTHER TERMS AND CONDITIONS

1. The Rates quoted by bidder shall remain FIRM throughout the Contract period and shall not be subjected to any Price variation whatsoever in nature.
2. The Contractor will deploy manpower for satisfactory execution of the Jobs under the Proposed Contract. The manpower engaged by you will work effectively and be responsible for completion of the Jobs assigned to them by Company's Authorized Person or Contractor.

3. Security Deposit

- 3.1 The successful Bidder have to submit 5% Security Deposit Amount of Total Work order value in favour of "M/s Gujarat Green Revolution Company Limited" payable at Vadodara from any Public Sector Bank or schedule Private Sector Bank to GGRC within 15 days of receiving the Work Order.
- 3.2 Security Deposit will be released six (6) months after the completion of Work Order period.
- 3.3 GGRC reserves right to forfeit full Security Deposit amount to cover expenses / damages on non-performance of the contract by the Contractor and / or non-completion of the full period of contract awarded to the Contractor. The decision of GGRC in this regards shall be construed as final and binding.

4. TIMELINES & PENALTY

The Bidder is expected to adhere to these timelines stipulated below. Non-compliance to these timelines by the Bidder would lead to Liquidated Damages as stated in this RFP.

| Sr. No | Key Activities | Time Lines |
|--------|--|---|
| 1 | Delivery | The delivery time shall be maximum of 06 weeks from the date of Purchase Order. |
| 2 | Installation, Migration, Testing & Commissioning | Maximum 02 weeks from the date of delivery. |

4.1 The Bidder is required to provide a detailed strategy to GGRC; the activities mentioned above are indicative but the timelines for delivery should be maintained.

4.2 Any delay in the above timelines may attract delivery penalties as stated below:

- a. In the event of delayed delivery i.e. delivery after the expiry of 06 weeks from the date of purchase order, the vendor shall be liable to pay a penalty for the respective delayed hardware, subject to a maximum of 1% (one percent) of the respective location price relating to hardware as detailed below.
 - 0.1% for the first week;
 - 0.5% for the second week;
 - 1% for the third week and above;

For the purpose of this clause, part of the week is considered as a full week.

4.3 After the delivery is made, if it is discovered that the items supplied are not according to our specification, such supply would be rejected at the supplier's cost.

4.4 In the event of delayed installation/ commissioning after 02 weeks from the date of delivery, the vendor shall be liable to pay a penalty at a percentage on the order value of the solution for a particular location, subject to a maximum of 5%(five percent)of the respective location price relating to hardware as detailed below.

- 1% for the first week;
- 2.5% for the second week;
- 5% for the third week and above

For the purpose of this clause, part of the week is considered as a full week.

5. SUB-LETTING

The contractor shall not sublet the whole or part of the work, except where otherwise provided by the contract. The Contractor shall not sublet any part of the work without the written consent of the concerned Unit OR Department Head and such consent if given shall not relieve the contractor from any liability or obligation under the contract and shall be responsible for the acts, defaults and neglects of any sub-contractor, neglects of the contractor, his agent, servants, or Employee.

6. ASSIGNMENT OR TRANSFER

You will not assign or transfer whole or part of the contract awarded to you hereunder or whole or part of your work, services, obligations, responsibilities, liabilities, and rights, hereunder or give a sub-contract for carrying out all or any of your works, services, obligations, responsibilities, liabilities, and rights hereunder to any other person or party without our prior written consent.

7. PAYMENT TERMS:

Payment shall be released subject to the following:

- 7.1 No additional payment apart from the tender bid value will be done under any circumstance.
- 7.2 All the Payments will be made, based on work order with supporting documents evidence etc., Applicable Income Tax will be deducted from the payment.
- 7.3 Bidder will raise an invoice (hard copy) of completion of work. 100 % Payment will be done within 30 days after receiving an invoice.

8. TERMINATION OF CONTRACT

GGRC reserves the right to cancel the order placed on the selected Bidder by providing one months notice and recover expenditure incurred by GGRC on the following circumstances:

- 8.1 In case of any changes in GGRC's business plan, GGRC may terminate any part or entire services to be rendered by giving a notice period of one month.
- 8.2 The selected Bidder commits a breach of any of the terms and conditions of the bid.
- 8.3 The progress regarding execution of the order accepted, made by the selected Bidder is found to be unsatisfactory.
- 8.4 If the selected Bidder does not perform satisfactorily or delays execution of the contract, GGRC reserves the right to get the balance contract executed by another party of its choice by giving one month notice for the same. In this event, the selected Bidder is bound to make good the additional expenditure, which GGRC may have to incur in executing the balance of the contract. This clause is applicable, if for any reason, the contract is cancelled.
- 8.5 In addition to the cancellation of work order, GGRC reserves the right to appropriate the damages through encashment of Performance Guarantee given by the Bidder.
- 8.6 The bidder shall not assign or sublet his scope of work or any part thereof; any breach of this condition shall entitle the GGRC to terminate contract and selected Bidder liable for payment to the GGRC in respect of any loss or damage arising or ensuing from such termination.
- 8.7 The Contractor can terminate the Contract by giving three month's written notice to the Company.
- 8.8 The Contractor shall prefer a claim for any dues in writing within 30 days from the date of termination or completion of agreement, failing which such claim for any dues shall be deemed to have been waived and the Company shall be discharged and released from all liabilities under this agreement in respect of such claim for any dues.

9. LANGUAGE OF THE TENDER:

All information in the bid shall be in English. Information in any other language shall be accompanied by its translation in English. Failure to comply with this may disqualify a bid. In the event of any discrepancy in meaning, the English language copy of all documents shall govern. Notarized copy of certificate / documents provided in Hindi / Gujarati will be accepted.

10. AMENDMENT OF TENDER

At any time prior to the deadline for submission of Tender, GGRC, Vadodara for any reason, whether at its own initiative or in response to the clarifications requested by prospective interested bidders, may modify the Tender document by amendment.

The same amendment will be notified in leading newspaper and on GGRC website (www.ggrc.co.in) and changed modification will be binding on them. In order to allow prospective Agencies a reasonable time to take the amendment into account in preparing their Tender document, GGRC, Vadodara, at its discretion, may extend the deadline for the submission of Tender.

11. REJECTION OF TENDER:

The Bidder is expected to examine all instructions, terms, conditions, schedules and other details called for in this specification and keep himself fully informed about all which may, in any way, affect the work, or cost thereof. Failure to furnish the required information or submission of tender not as per the specification will be at the Bidder's risk and may result in rejection.

The offer may be rejected in case the bidding schedules / annexure are not filled/ partially filled and if particulars are not given in format prescribed in the tender documents.

12. INTELLECUAL PROPERTY

GGRC retains all rights to its pre-existing intellectual property and any intellectual property it creates in connection with the agreement; and the Bidder assigns to organization all rights in any work product developed.

Bidder pursuant to the agreement shall be deemed to be owned by the organization. If the Bidder will not agree to an assignment, then the Bidder should, at a minimum, grant organization a perpetual, irrevocable, worldwide, royalty-free license to use the work product developed pursuant to the agreement.

13. FORCE MAJEURE

13.1 Force majeure is herein defined as any cause, which is beyond the control of the selected Bidder or GGRC as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance, such as:

- a. Natural phenomenon, including but not limited to floods, droughts, earthquakes, epidemics, etc.
- b. Acts of any Government, including but not limited to war, declared or undeclared, priorities, quarantines, etc
- c. Terrorist attacks, public unrest in work area, etc.

13.2 If a Force Majeure situation arises, either party (GGRC & Bidder) shall within ten (10) days from the occurrence of such a cause notify the other in writing of such causes. The Bidder or GGRC shall not be liable for delay in performing his / her obligations resulting from any Force Majeure cause as referred to and / or defined above.

In case of forced circumstances, the contractor may be informed by the Company one Day in advance pertaining to stoppage of full or part of the job work as per the **Scope of Work** explained to you and bill will be paid on the basis of total amount of work performed by the Contractor. For resumption of the work, the contractor will be informed one day in advance.

14. DISCIPLINE

- 14.1 No information about GGRC can be used by the Bidder in whatsoever circumstances for any purpose. Breach of this will legally be filed as per the Govt. of India IT Act 2008. Permission of GGRC will be required before Bidder uses GGRC's name for any referrals.
- 14.2 Since the personnel of the Bidder have to work in GGRC, they shall adhere to all administrative and safety requirements of GGRC.

15. SETTLEMENT OF DISPUTES AND ARBITRATION

In case any dispute or difference whatsoever arises between the parties hereto in respect of or relating to or touching this tender and Contract from the tender, then the parties shall try to settle every such dispute or differences amicably. Any such dispute or differences, which the parties cannot resolve in an amicable manner, shall be finally settled in accordance with the Arbitration and Conciliation Act, 1996 and Rules framed there under. The decision of Arbitrator shall be final and binding on the parties. Arbitration proceedings shall be conducted in Vadodara and the language of Arbitration shall be English. Notwithstanding the existence of any such dispute or difference or any reference thereon, the liabilities and obligations under this contract will continue to be fulfilled by the parties hereto during the arbitration proceedings.

16. JURISDICTION OF COURTS:

This shall be construed and governed by the laws of Republic of India and the parties hereby submit to the exclusive jurisdiction of the Vadodara Courts of Law.

PART C – Scope of Work & Technical Specification

1. SCOPE OF WORK:-

1. The scope of the work is supply, install, configuration and integration of Firewall procured under this RFP with existing infrastructure.
2. Existing Firewall will be handed over to the vendor on buy back basis.
3. The Existing Network security Infrastructure is following below.
Firewall Make: Sonicwall
Firewall Model: NSA 5600
Mode: High Availability
Serial. No.: 1).C0EAE4E2C7D8
 2).C0EAE4E2C22C
4. Existing firewalls are out of warranty.
5. Both Firewall devices should work in HA mode (Active-Passive).
6. The bidder has to ensure support as and when required for resolving all Firewall related Issues and other required features procured in this RFP, during warranty period.
7. The three year warranty & support cost of the Firewall will be included in capital cost of the products. The product support period will commence after installation, configuration and sign-off of the project.
8. All the Firewall items delivered under this RFP should be covered under comprehensive warranty.
9. Technical and functional documentation of the entire project should be submitted to GGRC
10. The bidder shall provide perpetual licenses for all firewall components proposed in the solution and should be in name of GGRC. The Software licenses proposed for all the components –Firewall solution should be independent of hardware.
11. The bidder shall ensure Support & Subscription services from the OEM with unlimited number of support requests, remote support, access to product updates/upgrades and 24x7 supports for all Severity Level issues.
12. On-site, comprehensive BACK-TO-BACK Warranty from OEM for a period of 3 years from the date of commissioning.
13. Supply and installation of Firewall as per technical specifications given in technical bid along with necessary hardware, software, licenses, accessories and necessary documentation etc.
14. The Hardware appliances proposed by the bidder should be rack mountable
15. Migration of the existing Firewall configuration from the old equipment to the new equipment, Configuration and Integration of new Firewall.
16. Migration activity from the existing firewall should be completed within a period of 12 hours.
17. Ensure that the migration of the configuration has been completed and the applications are accessible from the intranet/internet zones.
18. Provide 24x7 OEM support for the equipment and software components supplied as part of this tender.
19. Provide updates, upgrades/new version for the software components during the warranty and maintenance period.
20. All the equipment (hardware, software) supplied as part of solution should be IPv6 ready from day one and should support all the protocols.
21. All the equipment (hardware and software) should be from same OEM.
22. The warranty also includes all software subscriptions (critical hot fixes, service packs, and all upgrades/updates) of all components supplied as part of solution.
23. Any coordination with the OEM for support should be carried out by the bidder engineer on need basis.

24. During the contract period the bidder should periodically check the firmware / operating system running on the Firewall and other components and upgrade the same to latest version as released by OEM within 07 days from the date of release.
25. The successful bidder has to take the existing firewall components as buy back within 30 days of successful migration and implementation of the new firewalls.

Technical Specification

| General | |
|--------------------------------|--|
| 1 | Should be only of the following make: Checkpoint, Fortinet, Palo Alto, Cisco and Sonicwall |
| 2 | The UTM will support 200 users from day one and will be scalable to cater to 20 extra users per year on an average giving the combined user count of more or less 500 users for the next 5 years |
| 3 | License cost should not be user based. There should be no limit on number of firewall rules, no of nodes/desktops, no of IPs, domains etc for all modules. |
| 4 | Cost for Implementation, integration with your device, support, version and signature updates for 3 years if any should be included. |
| 5 | The product should be covered 3 years complete/ comprehensive warranty that includes Hardware replacement within 24 hours in case of Hardware Device Failure, firmware and software upgrades and all signature upgrades. |
| 6 | The firewall must support Active-Passive redundancy. |
| 7 | Should support automatic ISP failover as well as ISP load sharing for outbound traffic |
| 8 | The Firewall should support Static, Policy Based, and Multicast routing |
| 9 | Warranty and AMC including hardware, software and associated licenses should be comprehensive on-site for a period of 3 years. |
| Hardware Architecture | |
| 1 | The proposed appliance must have minimum 8 x 1G copper RJ45 ports from day one. The appliance must have 4x GE SFP+ Slots, 2x 10 GE SFP+, from day one. All transceivers modules, transceivers & license need to be provisioned from day one. WAN, HA, Sync & Management, USB port must be provided separately. |
| 2 | The proposed solution must have minimum 128 GB HDD drive for storing operating system image, system files, system logs & network traffic logs. |
| 3 | Product should be 1U or 2U Rack Mountable. Rack Mounting Kit should be provided at no extra cost. |
| Performance Requirement | |
| 1 | Minimum 1.0 Million concurrent sessions and 20,000 new sessions/Sec with “Always On” IPS |
| 2 | The proposed firewall must provide NGFW functionality from day one. All required license must be provided from day one. |
| 3 | The proposed firewall must provide Minimum 18Gbps Throughput. |
| 4 | The proposed firewall should Minimum 2.5 Gbps of IPS Throughput |
| 5 | The proposed firewall should be Minimum 1.5 Gbps of NGFW Throughput |
| 6 | Dual WAN/ISP support: should support automatic ISP failover as well as ISP load sharing/balancing for outbound traffic. Should have separate interfaces for terminating dual ISP Ethernet connectivity. |
| 7 | The device should be compatible with networking equipments from all the major vendors including Cisco, HP & Juniper, Dell |
| Firewall Features | |
| 1 | It must allow creating security policies based on L7 parameters such as Application, Users, and File Type etc in addition to IP & Port numbers. |
| 2 | While creating application based policy the firewall must auto select all default port numbers without need of admin to mention it separately Example - while allowing Active Directory as an application, firewall must auto include all relevant port numbers used for AD communications such as 135, 138, 139, 389, 445 etc |
| 3 | The Firewall must support Active - Passive deployment option with IPV4 & IPV6 with seamless failover between HA pairs. |
| 4 | The proposed solution must support Policy Based forwarding based on:- Zone - Source or Destination Address - Source or Destination port - Application (not port based) - AD/LDAP user or user Group - Services or ports |
| 5 | The proposed solution should support the ability to create QoS policy on a per rule basis: -by source address -by destination address -by application (such as Skype, Bit torrent, YouTube) -by static or dynamic application groups (such as Instant Messaging or P2P groups) -by port and services |

| Security Features | |
|--|--|
| 1 | The firewall must support comprehensive threat prevention security features including IPS, Antivirus, Anti Spyware, Anti Bot, DoS/DDOS etc from day one. |
| 2 | The proposed firewall must support attack recognition for IPv6 traffic the same way it does for IPv4 |
| 3 | The proposed solution must support different actions in the policy such as deny, drop, reset client/server |
| 4 | The proposed solution must have functionality of Geo Protection to Block the traffic country wise per policy and per applications as per customer requirement and shouldn't be a global parameter |
| 5 | The proposed solution must have an option to create custom signatures. |
| 6 | The Firewall must support ability to decrypt & inspect TLS 1.3 traffic. |
| 7 | The NGFW must support QoS marking and reclassification based on source/destination IP, port, protocol, user, applications, security zone etc. |
| 8 | The NGFW Anti-virus & anti Malware must able to analyse & prevent malicious file, virus, malware, etc traversing on following protocols: HTTP, HTTPS, SMTP, SMTPS, IMAP, IMAPS, FTP, and SMB |
| Configuration Requirements | |
| 1 | The proposed system should Support LDAP, RADIUS, & Active Directory and in built database of the appliance for User Authentication |
| 2 | The proposed system should Provide Single Sign-on Integration for Windows |
| 3 | The proposed system should have the Facility to generate daily, weekly, monthly, and yearly Bandwidth Utilization Graphs for all the ISP Links |
| 4 | The proposed system should support Centralized Management from a single console |
| 6 | The proposed system should be able to generate real time traffic reports - Application wise & user wise |
| Intrusion Detection and Prevention (IDP) Requirements | |
| 1 | The proposed system should have signature and anomaly base intrusion detection and prevention system |
| 2 | The proposed system should support the creation of custom IDP signatures |
| 3 | The proposed system should report internal alerts based on username and not on hostnames or IP addresses. |
| 4 | The proposed system should automatically update the attack signatures database from a central database server |
| 5 | The proposed system should be able to detect and block HTTP proxy traffic |
| Gateway Antivirus Requirements | |
| 1 | The proposed system should have an integrated Antivirus solution and should be able to provide real-time detection of viruses and malicious code at the gateway for HTTP, SMTP, POP3, IMAP,VPN and FTP over HTTP Internet traffic |
| 2 | Virus, Worm, Trojan, Spyware, Adware Detection and Removal, Phishing Protection, Pharming Protection, Botnet Filter, Automatic Virus signature database update, Real-Time blacklist, Scans HTTP, HTTPS, FTP, SMTP/S, POP3, IMAP, Block files based on their type, Threat Logs with action, Inbound & Outbound Scanning, MIME header check. |
| 3 | The proposed system should have options to block different file types such as Executables, Dynamic files as part of the configuration |
| 4 | Frequent updates of virus pattern files should be available from the Web site, and option for scheduling for automatic download and installation should be available. |
| 5 | The proposed system should have reporting facility to generate reports on virus detected over different protocols, top sources for viruses, destination for viruses, top viruses etc. |
| 6 | Virus Gateway should have option to configure to respond to virus detection in several ways ie. Delete the file, quarantine the file, Alert email |
| 7 | The HTTP Antivirus gateway should be able to scan sites based on source, destination and URL regular expressions |

| Gateway AntiSpam Requirements | |
|---|---|
| 1 | The proposed system should integrate with external Trend micro anti spam device. |
| 2 | Communication between the logging device and firewall should be through a secure channel/encrypted |
| 3 | The proposed system should have ability to filter SMTP, POP3 and IMAP traffic |
| 4 | The proposed system should provide option to enable/disable antispam functionality for SMTP authenticated traffic. |
| 5 | The proposed system should have provision to define banned key words and check against those key words to identify spam mails. |
| Web Content Filtering and Application Control Requirements | |
| 1 | The proposed system should have integrated Web Filtering solution in the appliance |
| 2 | Websites & its category information should be locally stored inside the Appliance & it should not query any third party servers |
| 3 | The proposed system should be able to block different categories/sites based on users and groups |
| 4 | The proposed system should have configurable parameters to block/allow unrated sites, sites based on blocked words |
| 5 | The proposed system should be able to log and report usernames, request IP address, domain name, URL, website category and category type |
| Reporting Features Requirements | |
| 1 | The proposed system should provide user based, group based and IP address based reports for traffic discovery, Gateway level Anti Virus & Anti Spam, Intrusion detection and prevention and Web Content Filter |
| 2 | The proposed system should provide reports in HTML/Graphical/CSV/PDF format. A detailed log report should be available. |
| 3 | The proposed system should have options to create users with different access rights. |
| 4 | The reporting solution of the proposed system should be able to provide detailed Audit log for auditing and tracking system |
| 5 | Dedicated reporting tool on VM/Hyper-V should support over 90 predefined report types, without any additional charges or costs. |
| VPN Requirements | |
| 1 | The proposed system should have Integrated SSL / IPSec VPN functionality |
| 2 | The proposed system should support at least the following Encryption algorithm: 3DES,DES,AES |
| 3 | The VPN Clients should get authenticated using the following: |
| | 1) Pre-shared Secret |
| | 2) Active Directory |
| | 3) Digital Certificates |
| 4 | The proposed system should support most commonly available VPN IPSec Clients. The Clients should work on 32-bit as well as 64-bit Operating Systems |
| Management | |
| 1 | The firewall must have CLI, SSH & HTTPS based on device management |
| 2 | The firewall must have full-fledged on device management allowing all possible config to be performed directly on the firewall. |
| 3 | The firewall must have comprehensive logging, log analyzer, log correlation, search, filter, unified logs available directly on firewall or on a separate logging server |
| 4 | Solution will be preferred if it can correlate between config change & CPU / Resource utilization to make it easy to identify which config change has caused increased in CPU utilization. |
| 5 | Management solution must provide Executive Dashboard - Highlight Customizable Dashboard to provide quick insight to Applications / Users / Content / Files / Threat / Top Country / Top Rule Usage |
| 6 | In case of wrong config push / human error resulting in firewall isolation & lost communication with central management, Firewall must auto restore last known good config and restore communication with Central management without any manual intervention. |

| | |
|-----------------|---|
| 7 | Firewall must identify the amount of TLS traffic, non-TLS traffic, decrypted traffic, and non-decrypted TLS traffic, number of ssl sessions in a separate section for better visibility and troubleshooting. Firewall should also show decryption failure (if any) reason data in GUI for troubleshooting |
| 8 | The NGFW must support the ability to create custom reports directly from the Web GUI of the NGFW or reporting tool |
| Warranty | |
| 1 | 3 years 24x7 Enterprise comprehensive supports from OEM with maximum 2 hours of response time / 4 hour Call-to-Resolution Services & Support ever be a hardware failure replacement. |
| 2 | License For Both Primary & HA Firewall with next generation firewall security applications, including intrusion protection, application control, URL filtering, Anti-Bot, Anti-Virus/Anti-malware, etc. for 3 year |

26. CONFIGURATION & ASSOCIATED SERVICES

Following services have to be provided as a part of this tender:

- Configuration of the total security Solution to be installed in laptop, Desktop, Servers and other items, all necessary patches for security Solution must be installed at GGRC.
- Installation and Implementation activities that will be require a downtime of more than 4 hours will be carried out between 6 PM (present day) and 6 AM (following day). This will be done in co-ordination with concerned GGRC Team. A 48-hour notice to be given to GGRC for the same.

27. DELIVERY TERMS

- GGRC reserves the right to place a work/purchase order for entire scope or a part of it.
- The vendor shall supply, install and integrate the security Solution within 4 weeks from date of issue of purchase order.
- Because of teething issues and instant remedial measures a site engineer will be deployed at GGRC for first 1 week after the GO LIVE date for General Shift.
- The vendor has to resolve any operating system and application software, etc. problems for successful installation and operations.
- Any license, if required need to be provided by the successful Vendor.
- The successful vendor is solely responsible for any legal obligation related to licenses during support period of thirty six (36) months for Solution proposed as implemented by the Vendor.

28. SUPPORT FOR SECURITY SOLUTION

- The Selected Vendor shall provide OEM support for all products that are delivered & installed at sites for a period of 36 Months from the GO LIVE date.
- The product will cover technical on-site support from the vendor and back to back OEM support, software updates, OS upgrades, version upgrades, troubleshooting, TAC support from the OEM, new signature for security Solution and all relevant updates for all to ensure that the most updated security risk library is available at any given point in time.
- During the support period, the vendor will have to undertake preventive maintenance for proper operation, performance and output as specified in the technical specifications of all the security Solution supplied by the vendor.
- During the support period, the vendor should maintain the acceptance criteria and shall be responsible for all costs relating to service, Maintenance (preventive and corrective), technical support and transport charges from and to the sites in connection with the maintenance of the Solution.
- The vendor should inform GGRC about the end of support and end of life of the product proposed.
- The vendor should inform the product life cycle of all the products supplied by the vendor and should specify the product road map in the technical bid.
- The successful Vendor shall endure that services of professionally qualified persons will be available for preventive onsite maintenance of the security Solution during support period. GGRC shall approve the work permission of personal and then only they would be allowed to work on the network. Any other personal will be not allowed to access GGRC network.

Bidders Profile

Performa for Bidders Profile to be uploaded online in PDF format as well as submitted physically with required documents mentioned at "General Terms and Conditions" specified at Sr. No.1.

BASIC INFORMATION OF BIDDER

1. Name of the Organization :
 2. Contact Person :
 - *3. Official Address :
.....
.....
.....
 4. Mobile No. :
 5. Telephone No. :
 6. Fax No. :
 7. Email Address :
 8. Details of DD/Banker' Cheque /
Direct Deposit in Bank of EMD
(As **Annexure-I**) :
- * Documentary proof of address shall be attested with this Form.

ORGANISATION DETAILS

1. Constitution
(whether Sole Proprietorship /
Partnership / Private Ltd / Public Ltd. /
Public Sector :
2. Names of Proprietor/ Partners /
Directors / CEO :
3. Registration Certificate / Partnership
deed / Shop establishment
certificate(as **Annexure
II**) :
4. Bank Details :
Bank Name with branch :
Account No. :
IFSC Code :
(Bank Cheque as **Annexure-III**)

REGISTRATION WITH STATUTORY AUTHORITIES

1. EPF Registration (if applicable, as **Annexure-IV**) :
2. GST No.: (as **Annexure-V**) :
3. PAN No.: (as **Annexure-VI**) :

DETAILS OF WORK EXPERIENCE & WORK COMPLETION CERTIFICATE

1. Please provide below details of past work experience in reverse chronological order including your current Contracts and attach Work Orders. (**as Annexure VII**):

| SR NO | NAME & ADDRESS OF THE ORGANIZATION | NAME OF THE CONTACT PERSON & PHONE NO. | VALUE OF CONTRACT | PERIOD OF CONTRACT (SPECIFY FROM TO DATE) |
|-------|------------------------------------|--|-------------------|---|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |

2. Work Performance Certificate from past / Current Client in the **Format attached at Annexure-VIII**
3. Last two years Financial Turnover in the **Format attached at Annexure-IX**

DETAILS OF STAFF AVAILABLE FOR EXECUTION OF WORK

1. Details of staff available with the company for execution of work (to be submitted online as well as physically with “Technical bid cover.” As per Annexure - X)

STATUS OF COMPANY

1. Whether your company was black listed by any company or organization Yes / No (To be submitted online as well as physically as per the Format attached at **Annexure- XI** with “Technical bid cover.”) :

| | | |
|--|--------|----------------------|
| Signature of Bidder: Name : Designation: | | |
| Date: | Place: | Company's Round Seal |

DD/ Banker's Cheque of EMD

Original DD / **Banker's Cheque / Receipt of Direct deposit with Bank** for EMD of Rs. 15,000/- to be submitted online as well as physically in **cover –I**.

Annexure –II

Copy of Registration Certificate / Partnership deed / Shop Establishment Certificate should be **submitted** online as well as physically as **annexure-II** in Technical bid cover- II.

Annexure –III

Copy of Bank Cheque should be submitted online as well as physically as **annexure-III** in Technical bid cover- II

Annexure –IV

Self Attested Copy of EPF no. allotment letter if Applicable should be submitted online as well as physically as **annexure-IV** in Technical bid cover- II

Annexure –V

Self Attested Copy of GST Certificate should be submitted online as well as physically as **annexure-V** in Technical bid cover

Annexure –VI

Self Attested Copy of PAN Card should be submitted online as well as physically as **annexure-VI** in Technical bid cover- II

(Annexure –VII)

Copy of Work Orders from Previous Clients should be submitted online as well as physically as **annexure-VII** in Technical bid cover- II

FORMAT OF WORK PERFORMANCE CERTIFICATE

ANNEXURE –VIII

(Filled by Current /Past Clients and to be submitted online as well as physically in Technical bid cover- II)

1. Name of the Contract and Location:
2. **Scope of Contract:**
3. **Date of Commencement & Period :**

This is to certify that the work under the above named contract, including all amendments thereto,
has been satisfactorily completed or satisfactorily performing by
.....

Accordance with the terms of the contract.

During the period we found their services satisfactory.

This certificate is issued for tender purpose.

Seal of the Organization

Date : _____

Place : _____

Signature of the Competent Authority with Name and Designation

FORMAT FOR FINANCIAL TURNOVER (CAPACITY)
(To be submitted online as well as physically in Technical bid cover- II)

CERTIFICATE

This is to certify that M/s. _____ having its office at

Has achieved the following turnover during the last Two Financial year.

| FINANCIAL YEARS | ANNUAL TURNOVER (In Rs. CR) |
|-----------------|-----------------------------|
| 2019-2020 | |
| 2020-2021 | |

The above figure has been verified from the documents produced and it is true and correct to the best of our knowledge and belief.

Signature of the Chartered Accountant

Name of Chartered Accountant/ Firm :

Reg. No :

Date : _____

Place : _____

Note: It is mandatory to certify by Chartered Accountant (Company Auditor) with name and signature. The certified copy of balance sheet for last two years duly audited / certified by Chartered Accountant along with CA certificate for turn over & Net worth and a copy of Un-Audited Balance Sheet for the Current Financial Year to be submitted in physical in Technical bid cover along with this annexure.

UNDERTAKING IN REGARD TO STOP DEAL / BLACK LIST THEREOF
(To be filled by bidder and submitted online as well as physically in Technical bid cover- II)

Sub: Undertaking in regard to Stop Deal / Black List thereof.

Ref: TENDER NOTICE NO: GGRC/SYSD/FIREWALL/RFP/2022

I / We _____ authorized signatory of M/S
 _____ hereby declare that M/S
 _____ is not stop deal/blacklisted by GGRC/ GSFC or
 its subsidiary companies or by any Central/State Government PSU / Govt. Company or by any
 Central/State Government Department in India.

Note: Bidders has to reproduce above declaration in the text box area with filling of all blanks

Above furnished is true and correct to best of my knowledge.

| | |
|---|-----------------------|
| Signature of Bidder: Name : Designation | |
| Place: | Company's Round Seal: |

Bidders Eligibility Criteria**Annexure- XII**

| Sr. No | Criteria | Compliance (YES/NO) | Proof to be submitted |
|---------------|---|----------------------------|--|
| 1 | The vendor should be the original Equipment manufacturer (OEM) or authorized highest efficiency partner of OEM | | Documentary proof to be submitted of OEM or Documentary proof of authorized Highest efficiency partner letter issued by OEM authorizing partner for valid period of Quotation |
| 2 | Vendor Must have back support relation with the OEM's whose products are proposed by the vendor to GGRC | | Manufacturer's authorization Form/Letter must be submitted along with the bid. |
| 3 | The vendor should be firm /company registered in India with minimum Five Years of presence in India. | | Certificate of Incorporation to be provided. Proof of orders of similar nature over a period of last five years |
| 4 | The Vendor shall not quote for the products, whose end of sale/ End of support has been declared by the OEM and the certificate assuring the same has to be submitted with product having minimum support life 5 years from date of purchase. | | Vendor to provide the following documents: 1) Certificate from the OEM assuring that the proposed Solution has not reach end-of-life and end-of-support. 2) Authorization letter of the OEM stating the product has the most recent/stable version of the operating system that is to be installed at the site. 3) Authorization letter of the manufacturer stating the product has the most recent/stable hardware device that is to be installed at the site for all the Solution. |
| 5 | The Bidder should have turnover of Min. Rs. 2 Crores per annum for the past 2 financial years. I). 2019-20 II). 2020-21 | | last two years duly audited / certified by Chartered Accountant along with CA certificate |
| 6 | The bidder should have 3 years experience in supply, installation, and maintenance of firewall. | | Purchase order copy OR client certificate should be attached as proof. |
| 7 | The Bidder should have supplied the Firewall for at least five 3 customers in any sector in India during the last 3 years. | | Purchase order copy |

Part I Technical Bid

| General | | Compliance (Yes/No) | Remark |
|--------------------------------|--|--|---|
| 1 | Should be only of the following make: Checkpoint, Fortinet, Palo Alto, Cisco and Sonicwall | Make Should be Specify here | Model Should be specify here |
| 2 | The UTM will support 200 users from day one and will be scalable to cater to 20 extra users per year on an average giving the combined user count of more or less 500 users for the next 5 years | | |
| 3 | License cost should not be user based. There should be no limit on number of firewall rules, no of nodes/desktops, no of IPs, domains etc for all modules. | | |
| 4 | Cost for Implementation, integration with your device, support, version and signature updates for 3 years if any should be included. | | |
| 5 | The product should be covered 3 years complete/ comprehensive warranty that includes Hardware replacement within 24 hours in case of Hardware Device Failure, firmware and software upgrades and all signature upgrades. | | |
| 6 | The firewall must support Active-Passive redundancy. | | |
| 7 | Should support automatic ISP failover as well as ISP load sharing for outbound traffic | | |
| 8 | The Firewall should support Static, Policy Based, and Multicast routing | | |
| 9 | Warranty and AMC including hardware, software and associated licenses should be comprehensive on-site for a period of 3 years. | | |
| Hardware Architecture | | | |
| 1 | The proposed appliance must have minimum 8 x 1G copper RJ45 ports from day one. The appliance must have 4x GE SFP+ Slots, 2x 10 GE SFP+, from day one. All transreceivers modules, transceivers & license need to be provisioned from day one. WAN, HA, Sync & Management, USB port must be provided separately. | | |
| 2 | The proposed solution must have minimum 128 GB HDD drive for storing operating system image, system files, system logs & network traffic logs. | | |
| 3 | Product should be 1U or 2U Rack Mountable. Rack Mounting Kit should be provided at no extra cost. | | |
| Performance Requirement | | | |
| 1 | Minimum 1.0 Million concurrent sessions and 20,000 new sessions/Sec with “Always On” IPS | | |
| 2 | The proposed firewall must provide NGFW functionality from day one. All required license must be provided from day one. | | |
| 3 | The proposed firewall must provide Minimum 18Gbps Throughput. | | |
| 4 | The proposed firewall should Minimum 2.5 Gbps of IPS Throughput | | |
| 5 | The proposed firewall should be Minimum 1.5 Gbps of NGFW Throughput | | |

| | | | |
|--------------------------|---|--|--|
| 6 | Dual WAN/ISP support: should support automatic ISP failover as well as ISP load sharing/balancing for outbound traffic. Should have separate interfaces for terminating dual ISP Ethernet connectivity. | | |
| 7 | The device should be compatible with networking equipments from all the major vendors including Cisco, HP & Juniper, Dell | | |
| Firewall Features | | | |
| 1 | It must allow creating security policies based on L7 parameters such as Application, Users, and File Type etc in addition to IP & Port numbers. | | |
| 2 | While creating application based policy the firewall must auto select all default port numbers without need of admin to mention it separately Example - while allowing Active Directory as an application, firewall must auto include all relevant port numbers used for AD communications such as 135, 138, 139, 389, 445 etc | | |
| 3 | The Firewall must support Active - Passive deployment option with IPV4 & IPV6 with seamless failover between HA pairs. | | |
| 4 | The proposed solution must support Policy Based forwarding based on:- Zone - Source or Destination Address - Source or Destination port - Application (not port based) - AD/LDAP user or user Group - Services or ports | | |
| 5 | The proposed solution should support the ability to create QoS policy on a per rule basis: -by source address -by destination address -by application (such as Skype, Bit torrent, YouTube) -by static or dynamic application groups (such as Instant Messaging or P2P groups) -by port and services | | |
| Security Features | | | |
| 1 | The firewall must support comprehensive threat prevention security features including IPS, Antivirus, Anti Spyware, Anti Bot, DoS/DDOS etc from day one. | | |
| 2 | The proposed firewall must support attack recognition for IPv6 traffic the same way it does for IPv4 | | |
| 3 | The proposed solution must support different actions in the policy such as deny, drop, reset client/server | | |
| 4 | The proposed solution must have functionality of Geo Protection to Block the traffic country wise per policy and per applications as per customer requirement and shouldn't be a global parameter | | |
| 5 | The proposed solution must have an option to create custom signatures. | | |
| 6 | The Firewall must support ability to decrypt & inspect TLS 1.3 traffic. | | |
| 7 | The NGFW must support QoS marking and reclassification based on source/destination IP, port, protocol, user, applications, security zone etc. | | |
| 8 | The NGFW Anti-virus & anti Malware must able to analyse & prevent malicious file, virus, malware etc traversing on following protocols: HTTP, HTTPS, SMTP, SMTPS, IMAP, IMAPS, FTP, and SMB | | |

| Configuration Requirements | | | |
|--|--|--|--|
| 1 | The proposed system should Support LDAP, RADIUS, & Active Directory and in built database of the appliance for User Authentication | | |
| 2 | The proposed system should Provide Single Sign-on Integration for Windows | | |
| 3 | The proposed system should have the Facility to generate daily, weekly, monthly, and yearly Bandwidth Utilization Graphs for all the ISP Links | | |
| 4 | The proposed system should support Centralized Management from a single console | | |
| 6 | The proposed system should be able to generate real time traffic reports - Application wise & user wise | | |
| Intrusion Detection and Prevention (IDP) Requirements | | | |
| 1 | The proposed system should have signature and anomaly base intrusion detection and prevention system | | |
| 2 | The proposed system should support the creation of custom IDP signatures | | |
| 3 | The proposed system should report internal alerts based on username and not on hostnames or IP addresses. | | |
| 4 | The proposed system should automatically update the attack signatures database from a central database server | | |
| 5 | The proposed system should be able to detect and block HTTP proxy traffic | | |
| Gateway Antivirus Requirements | | | |
| 1 | The proposed system should have an integrated Antivirus solution and should be able to provide real- time detection of viruses and malicious code at the gateway for HTTP, SMTP, POP3, IMAP,VPN and FTP over HTTP Internet traffic | | |
| 2 | Virus, Worm, Trojan, Spyware, Adware Detection and Removal, Phishing Protection, Pharming Protection, Botnet Filter, Automatic Virus signature database update, Real-Time blacklist, Scans HTTP, HTTPS, FTP, SMTP/S, POP3, IMAP, Block files based on their type, Threat Logs with action, Inbound & Outbound Scanning, MIME header check. | | |
| 3 | The proposed system should have options to block different file types such as Executables, Dynamic files as part of the configuration | | |
| 4 | Frequent updates of virus pattern files should be available from the Web site, and option for scheduling for automatic download and installation should be available. | | |
| 5 | The proposed system should have reporting facility to generate reports on virus detected over different protocols, top sources for viruses, destination for viruses, top viruses etc. | | |
| 6 | Virus Gateway should have option to configure to respond to virus detection in several ways ie. Delete the file, quarantine the file, Alert email | | |
| 7 | The HTTP Antivirus gateway should be able to scan sites based on source, destination and URL regular expressions | | |

| Gateway AntiSpam Requirements | | | |
|---|--|--|--|
| 1 | The proposed system should integrate with external Trend micro anti spam device. | | |
| 2 | Communication between the logging device and firewall should be through a secure channel/encrypted | | |
| 3 | The proposed system should have ability to filter SMTP, POP3 and IMAP traffic | | |
| 4 | The proposed system should provide option to enable/disable antis spam functionality for SMTP authenticated traffic. | | |
| 5 | The proposed system should have provision to define banned key words and check against those key words to identify spam mails. | | |
| Web Content Filtering and Application Control Requirements | | | |
| 1 | The proposed system should have integrated Web Filtering solution in the appliance | | |
| 2 | Websites & its category information should be locally stored inside the Appliance & it should not query any third party servers | | |
| 3 | The proposed system should be able to block different categories/sites based on users and groups | | |
| 4 | The proposed system should have configurable parameters to block/allow unrated sites, sites based on blocked words | | |
| 5 | The proposed system should be able to log and report usernames, request IP address, domain name, URL, website category and category type | | |
| Reporting Features Requirements | | | |
| 1 | The proposed system should provide user based, group based and IP address based reports for traffic discovery, Gateway level Anti Virus & Anti Spam, Intrusion detection and prevention and Web Content Filter | | |
| 2 | The proposed system should provide reports in HTML/Graphical/CSV/PDF format. A detailed log report should be available. | | |
| 3 | The proposed system should have options to create users with different access rights. | | |
| 4 | The reporting solution of the proposed system should be able to provide detailed Audit log for auditing and tracking system | | |
| 5 | Dedicated reporting tool on VM/Hyper-V should support over 90 predefined report types, without any additional charges or costs. | | |
| VPN Requirements | | | |
| 1 | The proposed system should have Integrated SSL / IPSec VPN functionality | | |
| 2 | The proposed system should support at least the following Encryption algorithm: 3DES,DES,AES | | |
| 3 | The VPN Clients should get authenticated using the following: | | |
| | 1) Pre-shared Secret | | |
| | 2) Active Directory | | |
| | 3) Digital Certificates | | |

| | | | |
|-------------------|---|--|--|
| 4 | The proposed system should support most commonly available VPN IPSec Clients. The Clients should work on 32-bit as well as 64-bit Operating Systems | | |
| Management | | | |
| 1 | The firewall must have CLI, SSH & HTTPS based on device management | | |
| 2 | The firewall must have full-fledged on device management allowing all possible config to be performed directly on the firewall. | | |
| 3 | The firewall must have comprehensive logging, log analyzer, log correlation, search, filter, unified logs available directly on firewall or on a separate logging server | | |
| 4 | Solution will be preferred if it can correlate between config change & CPU / Resource utilization to make it easy to identify which config change has caused increased in CPU utilization. | | |
| 5 | Management solution must provide Executive Dashboard - Highlight Customizable Dashboard to provide quick insight to Applications / Users / Content / Files / Threat / Top Country / Top Rule Usage | | |
| 6 | In case of wrong config push / human error resulting in firewall isolation & lost communication with central management, Firewall must auto restore last known good config and restore communication with Central management without any manual intervention. | | |
| 7 | Firewall must identify the amount of TLS traffic, non-TLS traffic, decrypted traffic, and non-decrypted TLS traffic, number of ssl sessions in a separate section for better visibility and troubleshooting. Firewall should also show decryption failure (if any) reason data in GUI for troubleshooting | | |
| 8 | The NGFW must support the ability to create custom reports directly from the Web GUI of the NGFW or reporting tool | | |
| Warranty | | | |
| 1 | 3 years 24x7 Enterprise comprehensive supports from OEM with maximum 2 hours of response time / 4 hour Call-to-Resolution Services & Support ever be a hardware failure replacement. | | |
| 2 | License For Both Primary & HA Firewall with next generation firewall security applications, including intrusion protection, application control, URL filtering, Anti-Bot, Anti-Virus/Anti-malware, etc. for 3 year | | |

PART II Financial Bid

(To be submitted online only)

**Financial Bid of SUPPLY, INSTALLATION & MAINTENANCE OF FIREWALL
(WITH 3 Yrs OEM WARRANTY) UNDER BUY-BACK OF SONICWALL NSA 5600 FIREWALL
(Amount in ₹)**

| S.NO. | ITEM | MAKE | MODEL | QTY (A) | Unit Price (Excluding Taxes) (B) | TOTAL (AxB) (Excluding Taxes) (C) | Total Buyback value of SONICWALL NSA 5600 (D) | Net Total (C-D) (Excluding Taxes) (E) |
|-------|---|------|-------|------------|--|--|---|--|
| 1 | SUPPLY, INSTALLATION & MAINTENANCE OF FIREWALL (WITH 3 Yrs OEM WARRANTY) UNDER BUY- BACK OF SONICWALL NSA 5600 FIREWALL | | | 2 | | | | |

Note: Tax percentage extra as applicable.

CHECKLIST

(TO BE SUBMITTED ONLINE AS WELL AS PHYSICALLY FORM IN SEAL COVER OF “EMD COVER DOCUMENTS” AS WELL AS “TECHNICAL BID COVER DOCUMENTS”)

| SR NO | NAME OF DOCUMENT | SUBMITTED YES / NO |
|-------|---|--------------------|
| 1. | Bidders Profile | |
| 2. | Original DD / Banker's Cheque / Receipt of Direct deposit with Bank (GGRC Bank Account) of EMD of Rs. 15,000/- Physically in cover –I | |
| 3. | Registration Certificate / Partnership deed / Shop Establishment Certificate. (Annexure –II) | |
| 4. | Copy of Bank Cheque (Annexure –III) | |
| 5. | Self Attested Copy of EPF no. allotment letter if Applicable (Annexure –IV) | |
| 6. | Self Attested Copy of GST Certificate (Annexure –V) | |
| 7. | Self Attested Copy of PAN Card (Annexure –VI) | |
| 8. | Copy of Work Orders from Previous Clients / Current clients (Annexure –VII) | |
| 9. | Format of work Performance Certificate (to be filled by past / Current Client) (Annexure –VIII) | |
| 10. | Format for financial turnover (capacity) Annexure –IX and Attested Copy of the Audited Balance Sheets for the completed two Financial Years and unaudited balance sheets of current year physically along with Annexure –IX. | |
| 11. | Undertaking in regard to Stop Deal / Black List (Annexure-X) | |
| 13 | Eligibility Criteria | |
| 14 | PART -I- Technical Bid | |
| 15 | PART-II-Financial Bid (To be submitted online only) | |

| | |
|---|-----------------------|
| Signature of Bidder: Name : Designation | |
| Place: | Company's Round Seal: |