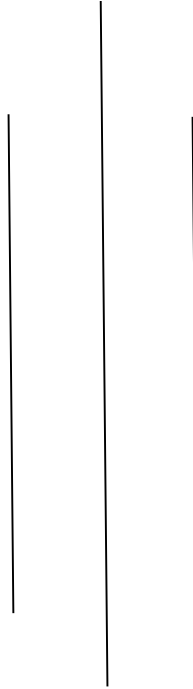


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REQUEST FOR PROPOSAL

for
Supply, Delivery and Installation of Server and Firewall



Infinity Laghubitta Bittiya Sanstha Limited

Gaindakot-02, Nawalparasi (Bardaghat Susta Purba)

November 4th , 2022

Invitation to Bids

- i. **Infinity Laghubitta Bittiya Sanstha Limited** (hereinafter referred to as “**Infinity**” or simply “**Microfinance**”) has issued this Request for Proposal (RFP) for the Supply, Delivery and Installation of Server
- ii. In order to meet the requirements, Infinity would like to invite tenders from eligible vendors as per details/**scope of work** mentioned in **Section IV** of this RFP document.
- iii. Bidder shall mean any entity (i.e. juristic person) who meets the **eligibility criteria** given in **Section III Form-3** of this RFP and willing to provide the hardware solution as required in this bidding document. The interested Bidders who agree to all the terms and conditions contained in this document may submit their Bids with the information desired in this bidding document (Request for Proposal).
- iv. Address for submission of Bids, contact details including email address for sending communications are given in **Section II Bid Data Sheet** of this RFP document.
- v. Interested Bidders are advised to go through the entire document before submission of Bids to avoid any chance of elimination. The eligible Bidders desirous of taking up the project for supply of proposed Server/ Service for Infinity are invited to submit their technical and commercial proposal in response to this RFP.
- vi. The criteria and the actual process of evaluation of the responses to this RFP and subsequent selection of the successful Bidder will be entirely at Microfinance’s discretion.
- vii. This RFP seeks proposal from Bidders who have the necessary experience, capability & expertise to provide the proposed hardware/software solution adhering to Laghubitta’s requirements outlined in this RFP.

Section I. Instructions to Bidders (ITB)

	A. General
1. Scope of Bid	1.1 Infinity Laghubitta Bittiya Sanstha Limited issues this Request for Proposal (RFP) document for the supply, delivery and installation of server in Infinity as specified in Section IV, Scope of Works.
2. Eligible Bidders	2.1 Bid is open to all Bidders who meet the eligibility criteria as mentioned in Section III Bidding Form-3 of this document.
	B. Contents of Bidding Document
3. Sections of the RFP Document	<p>3.1 The RFP Document includes following parts in accordance with ITB.</p> <p>PART 1 Bidding Procedures</p> <ul style="list-style-type: none"> • Section I. Instructions to Bidders (ITB) • Section II. Bid Data Sheet • Section III. Bidding Forms <p>PART 2 Supply Requirements</p> <ul style="list-style-type: none"> • Section IV. Scope of Works
4. Clarification of Bidding Document	4.1 A prospective Bidder requiring any clarification of the Bidding Document shall contact Infinity in writing at the Laghubitta's address <i>indicated in the Bid Data Sheet</i> .
5. Amendment of Bidding Document	<p>5.1 Infinity reserves the right to amend, rescind, and reissue the RFP at any time prior to the deadline for submission of the Bids by issuing addenda.</p> <p>5.2 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, Infinity may, at its discretion, extend the deadline for the submission of the Bids.</p>
	C. Preparation of Bids
6. Documents Comprising the Bid	<p>6.1 The Bidder must thoroughly study/analyze and properly understand the contents of this RFP document. Failure to furnish all information required in the RFP Document or submission of Bid not responsive to the Bidding Documents may result in rejection of Bid.</p> <p>6.2 The Bid shall comprise all the applicable details stated in Bid Data Sheet.</p> <p>6.3 The Bidder is solely responsible for the authenticity of the submitted documents.</p>

<p>7. Bid Submission Forms</p>	<p>7.1 The Bidder shall submit the Technical and Financial Bids using the form furnished in Section III, Bidding Forms. This form must be completed without any alterations to its format.</p>
<p>8. Documents Establishing the Eligibility of the Bidder</p>	<p>8.1 The Bidder has to submit the documents substantiating eligibility criteria as mentioned in Section III Bidding Form-3 of this document.</p>
<p>9. Earnest Money Deposit (EMD)/Bid Security</p>	<p>9.1 The EMD shall be minimum 5% of bid amount with minimum validity period of 90 days. The demand guarantee may in any of the following forms at the Bidder's option:</p> <ul style="list-style-type: none"> (a) Original copy of an unconditional Bank guarantee from "A" class Bank. The Bid Bond Guarantee shall be submitted using the format of "Bid Bond Text" included in Section III, Bidding Forms; or (b) If the EMD is in the form of cash, the cash should be deposited in Account No.: 0230010055938, Mega Bank Ltd. Narayangarh branch (Earnest Money Deposit) at Infinity Laghubhitta Bittiya Sanstha Limited OR in the A/C of Infinity Laghubhitta Bittiya Sanstha in any A Class Commercial Bank upon request of A/C No and submit the receipt of the deposited amount of cash along with the bid. <p>10.2 Any Bid not accompanied by EMD, shall be rejected by the Laghubhitta as non-responsive.</p> <p>10.3 The EMD of unsuccessful Bidders shall be returned within seven (15) days upon the successful Bidder furnishing of the signed Contract Agreement.</p> <p>10.4 The EMD of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract Agreement.</p> <p>10.5 The EMD may be forfeited;</p> <ul style="list-style-type: none"> a) if a bidder withdraws his Bid during the period of Bid validity. b) if a bidder makes any statement or encloses any form which turns out to be false / incorrect at any time prior to signing of Contract. c) if the successful Bidder fails to sign the contract or furnish Performance Bank Guarantee, within the specified time period in the RFP/Purchase Order.
<p>10. Format and Signing of Bid</p>	<p>10.1 The Bidder shall prepare bid as described in ITB and shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder.</p> <p>10.2 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.</p>

	D. Submission and Opening of Bids
11. Sealing and Marking of Bids	<p>11.1 Bidders shall submit their bids by hand/ by courier/by email. In special situation where submission of bids physically is not possible the Laghubitta may ask to submit it electronically through password protected email.</p> <p>11.2 Bidders submitting bids shall enclose the original of the Bid of the entire details except the price, in separate sealed envelope, duly Marking the envelope as “TECHNICAL PROPOSAL”. The price shall be placed in a separate sealed envelope marked as “FINANCIAL PROPOSAL”. These envelopes shall then be enclosed in one single envelope. The content of both bids shall be as mentioned in Bid Data Sheet.</p>
12. Deadline for Submission of Bids	<p>12.1 Bids must be received by Infinity at the address and no later than the date and time indicated in the Bid Data Sheet.</p> <p>12.2 The Laghubitta may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document.</p> <p>12.3 In the event of the specified date for submission of Bids being declared a holiday for Infinity, the Bids will be received up to the appointed time on the next working day.</p>
13. Late Bids	<p>13.1 Infinity shall not consider any Bid that arrives after the deadline for submission of Bids. Any Bid received by the Microfinance after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.</p>

<p>14. Bid Opening</p>	<p><u>Technical Proposal</u></p> <p>14.1 All the technical Bids received within the specified time and date will be opened for initial evaluation by Microfinance bid/procurement committee.</p> <p>14.2 All other envelopes shall be opened one at a time, and the following read out and recorded: the name of the Bidder; the presence of a EMD/Bid Security; whether the bid form is signed by the bidder or his agent; and any other details as the Microfinance may consider appropriate. NoBid shall be rejected at bid opening except for late bids.</p> <p>14.3 Bidders satisfying eligibility criteria and agree to comply with all the terms and conditions specified in the RFP will be evaluated for technical criteria/specifications/eligibility.</p> <p>14.4 After opening of the technical Bids and preliminary evaluation, some or all the Bidders may be asked to make presentations on the Software/Hardware Solution proposed to be offered by them. Only those Bids complied with technical criteria shall become eligible for Financial Bid opening and further RFP evaluation process.</p> <p><u>Financial Proposal</u></p> <p>14.5 The envelope containing the Financial Bids of only those Bidders, who are short-listed after technical evaluation, would be opened.</p> <p>14.6 The bids will be opened in the presence of representatives of the Bidders who choose to attend the same. However, Bids may be opened even in the absence of Bidders representatives.</p> <p>14.7 Infinity shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder and the Bid Price. The Bidders' representatives who are present shall be requested to sign the record.</p>
	<p style="text-align: center;">E. Evaluation and Comparison of Bids</p>
<p>15. Confidentiality</p>	<p>15.1 Information relating to the examination, evaluation, comparison, and post-qualification of Bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until Contract award.</p> <p>15.2 Any attempt by a Bidder to influence the Microfinance in the examination, evaluation, comparison, and post-qualification of the Bids or Contract award decisions may result in the rejection of its Bid.</p> <p>15.3 From the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Microfinance on any matter related to the bidding process, it should do so in writing.</p>
<p>16. Clarification of Bids</p>	<p>16.1 To assist in the examination, evaluation, comparison and post-qualification of the Bids, the Microfinance may, at its discretion, ask any Bidder for a clarification of its Bid.</p>
<p>17. Determination of Responsiveness</p>	<p>17.1 A substantially responsive bid is one that meets the requirements of the Bidding Document without material deviation, reservation or omission.</p> <p>17.2 The Microfinance shall examine the technical aspects of the bid in particular, to confirm that all requirements mentioned in RFP documents have been met without any material deviation or reservation.</p>

18. Evaluation and Comparison of Bids	18.1 The evaluation and comparison of Technical and Financial bids shall be performed as mentioned in bid data sheet.
19. Post-qualification of the Bidder	<p>19.1 The Microfinance shall determine to its satisfaction whether the Bidder that is selected as having the highest scorer and substantially responsive Bid is qualified to perform the Contract satisfactorily.</p> <p>19.2 An affirmative determination shall be a prerequisite to award the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Microfinance shall proceed to the next higher scorer to make a similar determination of that Bidder's capabilities to perform satisfactorily.</p>
20. Microfinance's Right to Accept/Reject Any or All Bids	20.1 The Microfinance reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the Bidders.
F. Award of Contract	
21. Award Criteria	21.1 The Microfinance shall select to award the Contract to the Bidder whose offer has been determined to be the highest scoring Bid on the basis of Techno Commercial Evaluation and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
22. Notification of Intention to Award	22.1 The Microfinance shall notify the concerned Bidder whose bid has been selected within seven days of the selection of the bid via the Letter of Intention included in the Contract Forms.

<p>23. Signing of Contract</p>	<p>25.1 The successful Bidder shall sign the contract in the format provided by Microfinance after the submission of performance security.</p> <p>25.2 At the same time, the Microfinance shall also notify all other Bidders to take bid amount back from the Microfinance.</p> <p>25.3 Until the execution of a formal contract, the Bid Document, together with the Microfinance's notification of award and the vendor's acceptance thereof, would constitute a binding contract between the Microfinance and the successful Bidder.</p> <p>25.4 The contract/ agreement will be based on Bidder's offer document with all its enclosures, modifications arising out of negotiation /clarifications etc. and will include Service-Level Agreements (SLA), project plan – phases & milestones and schedule, copies of all necessary documents, etc.</p>
<p>24. Change in Requirement</p>	<p>25.1 No alterations, amendments, omissions, additions, suspensions or variations of the work under the contract shall be made by the successful Bidder except as directed by the Microfinance.</p> <p>25.2 The Microfinance may at any time order the bidder through notice to make changes in requirement then mentioned in RFP document if required. If any change in the work is likely to result in reduction/increment in cost, the parties shall agree in writing so as to the extent of change in contract Price.</p>
<p>G. Delivery and Payment</p>	
<p>26. Delivery</p>	<p>26.1 The supply and installation of Computer Server must be made within the two weeks from the date of issue of supply order. The supply should be affected as per the specifications furnished in Section IV (Technical Specifications).</p> <p>26.2 System integration testing, functional testing and user acceptance testing will be carried out as per the requirement of the Microfinance.</p> <p>26.3 On satisfactory completion of the aforementioned tests, the User Acceptance Test (UAT) letter will be issued to the vendor by the competent authority. Date of UAT completion will be considered as the Date of Acceptance.</p>
<p>27. Terms of Payment</p>	<p>27.1 Payment shall be done as per agreement.</p>
<p>28. Warranty and AMC</p>	<p>28.1 During the warranty and AMC, the Bidder will have to undertake comprehensive support of the Hardware/Software Solution supplied by the Bidder and updates for all standard hardware/software to be supplied to the Microfinance.</p> <p>28.2 All tendered items shall be under Five years on-site comprehensive warranty support from the date of installation including free spare parts, kits etc. excluding the consumable items.</p> <p>28.3 The vendor should fulfil the following conditions during warranty period if any of the system is down beyond 48 hours as the case may be, penalty will be charged or recovered from out of withheld amount toward warranty or payment due, per day per system at the rate of 0.2% of purchase value of item</p>

	<p>28.4 Any item failing at sub-component level more than three times in three months after installation, displaying chronic system design or manufacturing defects or quality control problem will be replaced by the vendor at his cost and risk within 30 days, from the date of last failure.</p>
<p>29. Penalty/Liquidated Damages</p>	<p>29.1 The contract may be terminated, if liquidated damages exceeds 10 percent of the Contract Price and blacklisting process shall be initiated for the Vendor's failure to complete the contractual obligations.</p> <p>29.2 Other charges shall be as per agreement.</p>

Section II. Bid Data Sheet

A. Introduction	
1	<p>Name of the Microfinance: Infinity Laghubitta Bittiya Sanstha Limited Address: Gaidakot-02, Nawalparasi (Bardaghat Susta Purba) Country: Nepal Electronic Mail Address: info@infinitylbl.com.np , prabhat@infinitylbl.com.np</p>
2	<p>Name of the Contracts: Request for Proposal (RFP) for The supply, delivery and installation of Server.</p>
B. Preparation of Bids	
3	<p>Bidder shall submit the entire documents duly endorsed (signed and stamped) with following documents in its Technical Bid:</p> <ul style="list-style-type: none"> • Technical Bid form on the lines of Section III Bidding Form-1 on Bidder's letter head. • Bidders Information as per Section III, Bidding Form-2. • Eligibility Criteria as mentioned in Section III, Bidding Form-3 with supporting documents. • Detailed explanation of functioning of Server Supply and installation. • Power of Attorney to sign the bid and contract. • Bid Bond or Earnest Money Deposit voucher. • Approximate Hardware Sizing • Response to Vendors Response Document • Company's Resource Strength • Proposed Project Team • Project Implementation schedule • Copy of Company Registration Certificate • Copy of VAT/ PAN Certificate • Copy of Tax Clearance Certificate of at least 3 years • Company Profile, including that of partners, if any. • Recommendation Letter from other clients <p>Note: Technical Proposal shall not contain any price information. Such proposal, if received, will be rejected.</p>
4	<p>Bidder shall submit pricing in its Financial Proposal:</p> <p>a) Financial proposals as prescribed in section III Bidding Form No. 4.</p> <p>Note:</p> <p>b) Total cost of Hardware/Software Solution with customization required, as per the SOW, and support has to be quoted in Financial Bid.</p> <p>c) The order will be placed for total Cost of "hardware/Software Solution/ Services/ Warranty and AMC".</p> <p>d) Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, irrespective of reasons whatsoever. A Bid submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected.</p> <p>e) Quoted Price shall include all cost including taxes and duties applicable if any. The applicable TDS will be deducted at the time of payment of invoices.</p>

C. Submission and Opening of Bids

5	<p>In case of physical Bid Submission: For bid submission and inquiry in RFP document (Administrative) purposes only, the Microfinance address is: Infinity Laghubitta Bittiya Sanstha Ltd. General Service Department, Infinity Laghubitta Bittiya Sanstha Limited Gaidakot, Nawalparasi (Bardaghat Susta Purba) Tel: 078-503301, 503144, 9855047830, 9855047834 Email: info@infinitylbsl.com.np</p> <p>In case of Online Bid Submission: Address to : General Service Department, Infinity Laghubitta Bittiya Sanstha Limited Gaidakot, Nawalparasi (Bardaghat Susta Purba) Email: info@infinitylbsl.com.np , prabhat@infinitylbsl.com.np</p>
7	<p>The deadline for bid submission is: Date: 19th November, 2022 Time: 4:00 PM</p>
8	<p>The Technical bid opening shall take place at Infinity Bid/Procurement Committee.</p> <p>The Financial Bid shall be opened on a subsequent date which will be communicated to such Bidders who qualify in the Technical Bid.</p>

D. Evaluation and Comparison of Bids and Award of Contract

9

Technical Evaluation

29.4 Technical evaluation will include technical information submitted as per technical bid format, demonstration of proposed Hardware/Software Solution/ Services and reference calls, wherever required. The Bidder may highlight the noteworthy/superior features of their Hardware/Software Solution/ Services.

29.5 The evaluation will also take into account:

- a) Hardware/Software Solution/ services offered by the Bidder to any noticeable Microfinance. The Bidder should furnish the details.
- b) Does the proposed Solution handle the projected volumes and offers a proven solution to meet the requirements?
- c) Capability of the proposed solution to meet future requirements.
- d) Support on open platforms and solution based on latest technology (both software and hardware).
- e) Bidder support facilities: Support requirement like online support/ email support/ offline support, time period.

Financial Evaluation

- a) The Financial evaluation shall be done on the basis of quoted/negotiated Price received from the bidder.

Total Evaluation

Weightage of selection criteria shall be as follows:

- Technical Bid Evaluation 60%
- Financial Bid Evaluation 40%

The Microfinance may select to award the Contract to the Bidder whose offer has been determined to be the highest mark scorer in techno commercial evaluation, provided that the Bidder is determined to be responsive to perform the Contract satisfactorily.

Technical Proposal Submission (Form-1)
(On Company's Letter Head)

Date: _____

To:
Infinity Laghubitta Bittiya
Sanstha Limited
Gaindakot-02, Nawalparasi (Bardaghat Susta Purba)

Ref: Submission of RFP

We have examined the above RFP, the receipt of which is hereby duly acknowledged and we offer to supply, delivery and installation of desired Server System detailed in this RFP. We shall abide by the terms and conditions in the RFP. We also submit herewith the financial proposal and will also participate if qualified in the technical evaluation.

While submitting this Bid, we certify that:

1. The undersigned is authorized to sign on behalf of the VENDOR and the necessary support document delegating this authority is enclosed to this letter.
2. The prices submitted by us have not been disclosed and will not be disclosed to any other Bidder.
3. The price submitted in the financial proposal are as per the RFP
4. We agree to abide by all the terms and conditions and contents of Service Level Agreement.
5. Until a formal contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.
6. We certify that we have not made any changes in the contents of the RFP document read with its amendments/clarifications provided by the Microfinance submitted by us in our Bid document.
7. It is further certified that the contents of our Bid are factually correct. We also accept that in the event of any information / data / particulars proving to be incorrect, the Microfinance will have the right to disqualify us from the Bid.
8. We understand that you are not bound to accept the lowest or any Bid you may receive and you may reject all or any Bid without assigning any reason or giving any explanation whatsoever.
9. If our Bid is accepted, we undertake to enter into and execute at our cost, when called upon by the Microfinance to do so, acontract in the prescribed form and we shall be jointly and severally responsible for the due performance of the contract.
10. We hereby undertake and agree to abide by all the terms and conditions stipulated by the Laghubitta in the RFP document.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

Bidder's Information (Form-2)

1.	Bidder's Legal Name	
2.	Bidder's Address:	
3.	Bidder's Country of Registration:	
4.	Bidder's Year of Registration:	
5.	Bidder's Authorized Representative Information: Name: Designation: Address: Telephone/Fax numbers: Email Address	
6.	Bidder's Telephone/Fax numbers:	
7.	Bidder's Email Address:	
8.	Bidder's Website:	

Signature

Seal of Company

Bidder's Eligibility Criteria (Form-3)

Bidders meeting the following criteria are eligible to submit their Bids along with supporting documents. If the Bid is not accompanied by all the required documents supporting eligibility criteria, the same would be rejected:

S. No.	Eligibility Criteria	Compliance (Yes/No)	Remarks /Document to be Included
1.	The Bidder must be a firm/company/organization registered under applicable Act in Nepal.		Copy of the Partnership deed/Certificate of Incorporation issued by Registrar of Companies.
2	The Bidder must be registered in Inland Revenue Department office.		Copy of PAN/VAT registration certificate.
3	The bidder must have deposited the income tax of 3 years		Copy of tax deposit certificate.
4	Bidder should provide manufacturing authorization letter		

Signature

Company Seal

Financial Proposal Submission (Form-4)

The Financial Proposal needs to contain the information listed hereunder in a sealed envelope bearing the identification – “Supply, delivery and Installation of Server”.

Name of the Bidder: _____

S.No.	Item	Amount in Rupees	Remarks
A.1	Cost of the Server		
A.2	Cost of Firewall: Next Generation Firewall with 12/24 Months Protection		
A.3	Cost of MS SQL Server (2014 or above)		
A.4	AMC Cost after expiry of warranty. <i>(This cost should be in %per annum of license cost of hardware/software) (as per need)</i>		
Total Cost (A)			

- The above mentioned rate shall be included of all applicable taxes and duties. (VAT, TDS, etc)
- Breakdown of above cost shall be provided separately with financial proposal

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date

Bid Bond (Form-5, in case of BG)

..... Issue Date

Infinity Laghubitta
Bittiya Sanstha Limited
Gaidakot, Nawalparasi
(Bardaghat Susta Purba))

Re.: Our Letter of Guarantee (Bid Bond) No..... Ref No

Dear Sir/s,

On Request of M/s (Name, Address and Contacts of applicant) (Hereinafter called the **Principal**), We, ... **(Name and Address of the Issuing Sanstha)** ... (Hereinafter called the **Guarantor**), hereby issue this **Bid Bond Bank Guarantee** to the extent of **NPR xx,xxx,xxx.xx (Nepalese Rupees Only)** for bidding for Supply, Delivery and Installation of Server System in Infinity Laghubitta Bittiya Sanstha Limited under the following terms and conditions;

The Guarantor irrevocably undertakes and agrees to pay you sum not exceeding the above mentioned guarantee amount subject to the extent the Principal is liable to pay you without any demur, upon receipt of your first written claim along with this original guarantee and its latest extension/amendment, if any at our counter on or before expiry date, certifying that the Principal is in breach of its obligation under the bid conditions because the Principal-

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder or
- (b) having been notified of the acceptance of its Bid during the period of bid validity,
 - (i) fails or refuses to execute the Contract Form, if required, and/or
 - (ii) fails or refuses to furnish the performance security, in accordance with the Instructions to Bidders

This guarantee shall be effective from (effective Date) and is valid until..... (expiry Date) and a claim under it must be submitted within (expiry Date).

Notwithstanding anything contained in the foregoing clauses, our liability under this guarantee is restricted to NPR (Nepalese Rupees.....Only). Unless a demand or claim made in writing by you to us under this guarantee reaches us by (expiry Date) within our normal Banking office hours, all our obligations hereunder shall cease and we will not entertain any claim beyond or after that date.

Retention of the guarantee does not confer any rights upon you beyond the expiry date and this guarantee should be returned to us without delay.

.....
Authorized Signatories

(Bank Stamp)

.....
Authorized Signatories

Section IV. Scope of Works

Technical Specifications Server and Firewall

The server to be procured will be used as either a primary server.

1	Form Factor	Shall be 2U Rack Mount
2	Processor Type	should support 2 x Intel Xeon Gen 2 Bronze, Silver, Gold, or Platinum processors, Up to 22 cores (1.9 GHz core speeds)
3	Required	Should have 1 x Intel Xeon Silver 4216 16C 100W 2.1GHz Processor
4	Memory	Should provide 1 x 32GB 2933MHZ RDIMM Memory Should Support upto 12 DIMM (RDIMM/LRDIMM) Sockets Should Support memory up to 768 GB
5	Drive bays	Should have Up to 16 SFF hot-swap drive bays: 8x 2.5" SAS/SATA + 8x 2.5" SAS/SATA Should provide 2 x 2.5" 5300 960GB Entry SATA 6Gb Hot Swap SSD
6	Storage Controller	Should support 12 Gb SAS/SATA RAID adapters with up to 8GB flash-backed cache Should provide 12 Gb SAS RAID adaptor
7	Interface	Should have 2 x 1GbE Ethernet Port, 1x USB 2.0 port, 2x USB 3.0 ports, 1x VGA port
8	Cooling	Should have non-hot-swap system fans with N+1 redundancy.
9	Power Supply	Should support Up to two redundant hot-swap 750 W Platinum Should provide 2 x 750W (230V/115V) Platinum Hot-Swap Power Supply
10	Video	Should have 16 MB integrated Memory
11	Operating System	Should Support Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware ESXi
12	Monitor	Energy Star 7.1 and Eu RoHS Certified 18.5" WLED Monitor with 5 ms response time
13	Keyboard and Mouse	OEM Keyboard and OEM optical mouse
14	Remote management	Management of the server over LAN, WAN with SSL encryption, virtual media license and KVM over IP
15	Accessories	the server should be supplied along with software utilities for system configurations installation and system information, cables, user manual, rack mount kit. Driver software for all the adapters as per the configuration and required operating system

16	Certification	Windows & Linux
17	Warranty	Three years onsite comprehensive

Next Generation Firewall :		
Must have a 64-bit hardware platform & based on Multi-Core Architecture.		
The NGFW Operating System (current or previous version of same OS family) shall be tested and certified for NSS/ ICSA/ EAL4 or above under Common Criteria Program for security related functions or under Indian Common Criteria Certification Scheme (IC3S) by STQC, DEITY, Govt. of India. At least 2 certificate/Test report should be uploaded along with bid. Product should be MTCTE certification from TEC		
The proposed solution should support High Availability Active-Active/Active-Passive mode		
Next-Gen Firewall appliance should have minimum preinstalled 8*1 Gig copper ports, 2*1 GbE SFP, 2 * 10 SFP+ Port flexible to use any port as LAN, WAN, or DMZ ports.		
Multicore Processor based NGFW, Identity based Firewall, limit on surfing quota & surfing time, based on per user & group.		
Due to intense load of network traffic we would require minimum of 12 GB of RAM/Memory or higher to perform during peak traffic volumes		
Firewall Should have below minimum performance		
a. Firewall throughput 35,000 Mbps		
b. Threat Protection throughput 2,000 Mbps		
c. 10 million Concurrent sessions		
d. IPS throughput 9,500 Mbps		
e. 185,000 New Sessions/second		
f. Firewall IMIX throughput 20,000 Mbps		
f. SSL/TLS Inspection throughput 22,00 Mbps		
200 GB SSD or higher with local storage for logging, reporting and email quarantine purpose.		
Should supports routing: static, default, multicast (PIM-SM) and dynamic (RIP, BGP, OSPF) and DoS and DDoS attacks and ports can blocking		
Proposed solution should have features like restricting network traffic from specific Country or Continent basis in every firewall rule.		
Proposed solution should have Advanced Threat Protection capability to Detect and block network traffic attempting to contact command and control servers using multi-layered DNS, AFC, and firewall.		
Web protection feature should have URL Filter database with millions of sites across 80+ categories and file type filtering by mime-type, extension and active content types (e.g. Activex, applets, cookies, etc.)		
Proposed firewall should have control over application traffic based on category/individual application, characteristics, technology and risk level.		

<p>Gateway level Intrusion Prevention (IPS) should have high-performance with IPS deep packet inspection engine with selective IPS patterns for maximum performance and protection, should have 5000+ signatures and also provision to create custom IPS signatures</p>
<p>Should support Site-to-site VPN, Remote access VPN using pre-shared key & Certificate based, L2TP VPN, PPTP VPN, SSL VPN, IPsec on multiple operating system platforms with base license on firewall ie., without the need additional licenses for VPN client or firewall firmware image.</p>
<p>Firewall should support clientless VPN using HTML5 & self-service portal supporting RDP, HTTP, HTTPS, SSH, Telnet and VNC for Clientless VPN users.</p>
<p>Firewall must automatically/manually download important security patch updates like Anti virus & IPS signatures on the scheduled intervals to stay up to date. Auto update to latest hot fixes during virus outbreak all this without rebooting appliance.</p>
<p>Proposed firewall should email detailed reports of Web, App, AV, IPS, ATP, VPN usage, IP/Users & other compliance reports. Alerts have to be sent over email along with configuration backup on scheduled intervals like daily, weekly, monthly.</p>
<p>Firewall should support local Authentication and remote authentication servers like Active Directory, eDirectory, RADIUS, LDAP and TACACS+. Should also include options for Client authentication agents for Windows, Mac OS X.</p>
<p>The solution should support Internal/External 2FA (Two-Factor Authentication) Hardware/software for minimum 200 User from day one (Software should support Android and iOS platform).</p>
<p>The firewall solution Should support API for 3rd party integration option to add, update, delete configuration, Update policy for IPS, Web filter, Application filter and has option to manage interface and route.</p>
<p>Firewall Should support Transparent(Single Sign On), proxy authentication (NTLM) or client authentication.</p>
<p>Firewall should support on-box reporting as cost effective solution using it's locally available storage, with minimum firewall resource utilized (CPU & Memory) during logging & reporting. Should have Pre-defined dashboards for Traffic, Security, and User behavior analysis report. Granular Web & Application usage reporting, Network & Threats (IPS, TP, Wireless), VPN, Email, Compliance like HIPAA, PCI, reports.</p>
<p>Two Year Subscription license for Firewall, Advanced Threat Protection (ATP), Intrusion Prevention System (IPS),Anti-malware, Web and App visibility, control, and protection,24x7 support, security and software updates, adv. exchange warranty for the period of licenses.License period will be counted after activation.</p>
<p>Manufacturing authorization certificate valid for this specific enquiry should be enclosed.</p>

CUSTOMIZATION

Any major changes as customization in the Server Installation should be clearly stated by the vendor. The vendor shall also submit the customization parameters, change control procedure, response time and the associated commercials.

AMC PERIOD

Free Warranty Period and Start of AMC Period in the Hardware/Software Solution should be clearly stated by the vendor. The vendor shall also submit the cost of AMC and its validity.

PROJECT IMPLEMENTATION PLAN

The vendor should clearly include the nominal project implementation plan with its milestone during the submission of the proposa