

**Important Dates:**

#	Particulars	Timelines
4	Last Date of Submission of RFP Response (Closing Date)	<b>03:00 PM on 10<sup>th</sup> July 2023</b> Mode: Online (on GeM Portal)
5	Eligibility Cum Technical Bid Opening Date	<b>3:30 PM on 10<sup>th</sup> July 2023</b> Mode: Online (on GeM Portal)

**Clause in RFP:**

Sr No.	Clause in RFP	Clarifications/ Changes made
1	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>A. General</b> 1. Bidder must be a Government Organization / PSU / PSE / partnership firm / LLP or private / public limited company in India at least for the last 5 years.	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>A. General</b> Bidder must be a Government Organization / PSU / PSE / partnership firm / LLP or private / public limited company in India at least for the last <b>3 years</b> .
2	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>A. General</b> 2. Bidder must be in the business of supplying and implementing Network Hardware in India for a period of last 5 years (As on RFP date).	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>A. General</b> 2. Bidder must be in the business of supplying and implementing Network Hardware in India for a period of last <b>3 years</b> (As on RFP date).
3	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>B. Financial</b> 1. The Bidder must have registered average annual turnover of Rs. 100 Crore or above during the last three completed financial years – 2019-20, 2020-21 and 2021-22* (Not inclusive of the turnover of associate companies). OR Below clause is applicable for bidders who fall under the category of Micro & Small Enterprise (MSEs) or Start-ups (Necessary valid documentary proof certifying the bidder as an MSE or Start-up needs to be submitted by the bidder). The Bidder must have registered average annual turnover of Rs. 40 Crore or above during the last three completed financial years – 2019-20, 2020-21 and 2021-22* (Not	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>B. Financial</b> 1. The Bidder must have registered average annual turnover of Rs. 100 Crore or above during the last three completed financial years – <b>2020-21, 2021-22 and 2022-23*</b> (Not inclusive of the turnover of associate companies). OR Below clause is applicable for bidders who fall under the category of Micro & Small Enterprise (MSEs) or Start-ups (Necessary valid documentary proof certifying the bidder as an MSE or Start-up needs to be submitted by the bidder). The Bidder must have registered average annual turnover of Rs. 40 Crore or above during the last three completed financial years – <b>2020-21, 2021-22 and 2022-23*</b> (Not

	inclusive of the turnover of associate companies).	inclusive of the turnover of associate companies).  <b>* If 2022-23 Financial Statements of any bidder is unaudited then Financial statements for 2019-20, 2020-21 and 2021-22 will be considered, along with an undertaking letter from the bidder that FY 2022-23 statements are not audited.</b> In this scenario Audited Financial statements for the financial year <b>2019-20, 2020-21 and 2021-22</b> are to be submitted
4	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>B. Financial</b> 2. The Bidder must be Net profit making entity continuously for the last three years i.e. financial years –2019-20, 2020-21 and 2021-22*  OR  The net worth of the bidder should be positive as on RFP date and should not have eroded by more than 30% in the last three years	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>B. Financial</b> 2. The Bidder must be Net profit making entity continuously for the last three years i.e. financial years – <b>2020-21, 2021-22 and 2022-23*</b>  OR  The net worth of the bidder should be positive as on RFP date and should not have eroded by more than 30% in the last three years  <b>* If 2022-23 Financial Statements of any bidder is unaudited then Financial statements for 2019-20, 2020-21 and 2021-22 will be considered, along with an undertaking letter from the bidder that FY 2022-23 statements are not audited.</b>  In this scenario Audited Financial statements for the financial year 2019-20, 2020-21 and 2021-22 are to be submitted
5	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>C. Experience &amp; Support Infrastructure</b> 2. Bidder must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India out of which	<b>Annexure 2: Evaluation Terms</b> <b>1.A Eligibility Bid Evaluation</b> <b>C. Experience &amp; Support Infrastructure</b> 2. Bidder must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India out of which one should be a Bank having

	<p>one should be a Bank having network of minimum 1500 domestic branches.</p> <p>(In case the bidder has experience in DC &amp; DR separately for any one organization, then the experience shall be taken as two number)</p>	<p>network of <b>minimum 1000 domestic branches.</b></p> <p>(In case the bidder has experience in DC &amp; DR separately for any one organization, then the experience shall be taken as two number)</p>
6	<p><b>Annexure 2: Evaluation Terms</b>  <b>1.A Eligibility Bid Evaluation</b>  <b>C. Experience &amp; Support Infrastructure</b>          3. Bidder should have successfully Supplied, Installed/ Commissioned &amp; Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.</p>	<p><b>Annexure 2: Evaluation Terms</b>  <b>1.A Eligibility Bid Evaluation</b>  <b>C. Experience &amp; Support Infrastructure</b>          3. Bidder should have successfully Supplied, Installed/ Commissioned &amp; Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during <b>last -3- Years</b> (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.</p>
7	<p><b>Annexure 2: Evaluation Terms</b>  <b>1.A Eligibility Bid Evaluation</b>  <b>C. Experience &amp; Support Infrastructure</b>          4. Bidder should have direct support offices in Mumbai and Hyderabad</p>	<p><b>Annexure 2: Evaluation Terms</b>  <b>1.A Eligibility Bid Evaluation</b>  <b>C. Experience &amp; Support Infrastructure</b>          4. Bidder should have direct support offices in Mumbai and Hyderabad. <b>In case direct support office of the bidder is not available in Mumbai &amp; Hyderabad then an undertaking to be provided by the Bidder stating that direct support office would be established by the bidder at both the locations within 30 days from the date of Purchase Order.</b></p>
8	<p><b>Annexure 11 – Project Details and Scope of Work</b>  <b>1.Project Scope</b></p> <p>z) Vendor has to provide the highest level of support available that will cover the following:</p> <ul style="list-style-type: none"> <li>Designated OEM Account Support Manager with escalation matrix for handling all Proactive &amp; Reactive Services during Warranty &amp; AMC Period. The Account Support Manager should be the single point of contact with end-to-end account ownership for all committed deliverables during Warranty &amp; AMC Period. No</li> </ul>	<p><b>Annexure 11 – Project Details and Scope of Work</b>  <b>1.Project Scope</b></p> <p>z) Vendor has to provide the highest level of support available that will cover the following:</p> <ul style="list-style-type: none"> <li>Designated OEM/<b>Bidder</b> Account Support Manager with escalation matrix for handling all Proactive &amp; Reactive Services during Warranty &amp; AMC Period. The Account Support Manager should be the single point of contact with end-to-end account ownership for all committed deliverables during Warranty &amp; AMC Period. No onsite</li> </ul>

	<p>onsite support is required during the daily operational activities.</p> <p>.....</p>	<p>support is required during the daily operational activities.</p> <p>.....</p>
	<p><b>Annexure 11 – Project Details and Scope of Work</b> <b>2.Payment Terms</b></p> <p>.....</p> <p>.....</p> <p>➤ Balance 12% of the delivered Equipment cost would be payable in year 4 and year 5 on submission of satisfactory service report from Bank’s project manager. The payment for balance 12% will be divided into eight equal instalments for year 4 &amp; year 5 and paid quarterly in advance from the start of 4<sup>th</sup> year warranty period.</p> <p>.....</p> <p>.....</p> <p>The invoices for claiming the payment should be submitted along with the following documents:</p> <p><b>C. For 12% Payment Claim</b></p> <p>a) Satisfactory service report from Bank’s project manager. The payment for balance 12% will be divided into eight equal installments for year 4 &amp; year 5 and paid quarterly in advance from the 4<sup>th</sup> year warranty period.</p> <p>.....</p> <p>.....</p>	<p><b>Annexure 11 – Project Details and Scope of Work</b> <b>2.Payment Terms</b></p> <p>.....</p> <p>.....</p> <p>➤ <b>Balance 12% of the cost of the delivered Equipment cost would be payable on completion of 5 years warranty period or against submission of Bank Guarantee (BG) in the format Annexure 22 issued by a scheduled commercial bank in India other than Bank of Baroda. Value of BG should be of an equal amount with a validity for 63 months period.</b></p> <p>.....</p> <p>.....</p> <p>The invoices for claiming the payment should be submitted along with the following documents:</p> <p><b>C. For 12% Payment Claim</b></p> <p>b) <b>On submission of Bank Guarantee for an equivalent amount, valid for a period of 63 months, issued by a scheduled commercial Bank in India (other than Bank of Baroda) or after completion of 5 years warranty period.</b></p> <p>.....</p> <p>.....</p>
9	<p><b>Annexure 11 – Project Details and Scope of Work</b> <b>10. Handover Services</b></p> <p>.....</p> <p>.....</p> <p>Handover Services of Tape Library which will be provided by the bidder after installation. The handed over shall include the following but not limited to:</p>	<p><b>Annexure 11 – Project Details and Scope of Work</b> <b>10. Handover Services</b></p> <p>.....</p> <p>.....</p> <p>Handover Services of <b>Equipment</b> which will be provided by the bidder after installation. The handed over shall include the following but not limited to:</p>

	<p>.....</p> <p>.....</p> <p>▶ The Bidder shall provide such necessary information, documentation to the Bank or its designee, for the effective management and maintenance of the deliverables under this assignment. The Bidder shall provide all updated documentation (in English) in electronic form where available or otherwise a single hardcopy of all existing procedures, policies and programs required for Tape Library.</p> <p>.....</p> <p>.....</p> <p>▶ Handover Process of hardware directly done by the Bidder / OEM. During this handover the Bidder would transfer all knowledge, knowhow and other things necessary for the Bank and / or its MSP to take over and continue to manage the Tape Library.</p> <p>.....</p> <p>.....</p>	<p>.....</p> <p>.....</p> <p>▶ The Bidder shall provide such necessary information, documentation to the Bank or its designee, for the effective management and maintenance of the deliverables under this assignment. The Bidder shall provide all updated documentation (in English) in electronic form where available or otherwise a single hardcopy of all existing procedures, policies and programs required for <b>Equipment</b>.</p> <p>.....</p> <p>.....</p> <p>▶ Handover Process of hardware directly done by the Bidder / OEM. During this handover the Bidder would transfer all knowledge, knowhow and other things necessary for the Bank and / or its MSP to take over and continue to manage the <b>Equipment</b>.</p> <p>.....</p> <p>.....</p>
10	<p><b>Annexure 11A</b>  <b>Technical Specifications - Modular Switch Type 1(Quantity- DC:2 DR:2)</b>          A5. For SFP/SFP+, it shall support 1/10/25 GbE and 25GBASE-MR-XSR, MultiRate SFP</p>	<p><b>Annexure 11A</b>  <b>Technical Specifications - Modular Switch Type 1(Quantity- DC:2 DR:2)</b>          A5. For SFP/SFP+, it shall support 1/10/25 GbE and <b>25G, MultiRate SFP</b></p>
11	<p><b>Annexure 11A</b>  <b>Technical Specifications - Modular Switch Type 1(Quantity- DC:2 DR:2)</b>          A 12. Switch Supervisor Engine Specs should have - Quad Core x86 CPU, 16Gb SDRAM and 8Gb Flash or 50G/100G SATA SSD</p>	<p><b>Annexure 11A</b>  <b>Technical Specifications - Modular Switch Type 1(Quantity- DC:2 DR:2)</b>          A 12. Switch Supervisor Engine Specs should have - Quad Core x86 CPU, 16Gb / SDRAM /<b>System Memory and 4Gb</b> Flash or 50G/100G SATA SSD</p>
12	<p><b>Annexure 11A</b>  <b>Technical Specifications - Modular Switch Type 1(Quantity- DC:2 DR:2)</b>          A 22. Switch should support power budget of 3.5W per 10Gb of performance</p>	<p><b>Annexure 11A</b>  <b>Technical Specifications - Modular Switch Type 1(Quantity- DC:2 DR:2)</b>          A 22. Switch should support power budget of 3.5W <b>per 100Gb</b> of performance</p>
13	<p><b>Annexure 11B</b>  <b>Technical Specifications – Switch Type 2 (Quantity- DC:8 DR:11)</b>          A 1. Switch should be populated with minimum 24x 1 Gig Copper, 24x 1/10/25</p>	<p><b>Annexure 11B</b>  <b>Technical Specifications – Switch Type 2 (Quantity- DC:8 DR:11)</b>          A 1. Switch should be populated with minimum 24x 1 Gig Copper, 24x 1/10/25 GbE SFP+</p>

	GbE SFP+ Multimode Fiber, 8x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1	Multimode Fiber, 6x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1
14	<b>Annexure 11B</b> <b>Technical Specifications – Switch Type 2 (Quantity- DC:8 DR:11)</b> A 2. Switch should support minimum 2.8 Tbps or more switching capacity/throughput	<b>Annexure 11B</b> <b>Technical Specifications – Switch Type 2 (Quantity- DC:8 DR:11)</b> A 2. Switch should support minimum 2 Tbps or more switching capacity/throughput
15	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> A 3. The appliance should support at least 10*1 GbE Copper Ports & 4 * 10 Gb SFP+ ports from day-1 and should be expandable to 4 * 40 G ports for future use . The appliance should have a dedicated Console and at least 1 USB ports.	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> A 3. The appliance should support at least 8*1 GbE Copper Ports & 4 * 10 Gb SFP+ ports from day 1. The appliance should have a dedicated Console and at least 1 USB ports.
16	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> A 6. Proposed Firewall should not be proprietary ASIC based in nature & should be open architecture based on multi-core cpu's to protect & scale against dynamic latest security threats.	Clause deleted
17	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> A 7. Firewall should have hot swappable dual power supplies, hot swappable hard disk & cooling fans.	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> A 7. The proposed solution should have dual redundant power supply and redundant fans
18	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> A 9. The OEM should have a Recommended Overall rating in latest NSS Lab Reports for NGFW Comparative report in Security Effectiveness	Clause deleted
19	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> B 1. All Performance threshold are to be considered in real time and UDP traffic measurements are not Valid	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> B 1. All Performance threshold are to be considered in real time with Enterprise Mix Traffic
20	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b>	Clause deleted

	B 3. NGFW must support atleast 4 Gbps of throughput with Firewall + IPS features	
21	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> B 6. NGFW should support atleast 5 million concurrent sessions	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> B 6. NGFW should support atleast 3 million concurrent sessions
22	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> B 7. NGFW should support atleast 50000 new connections per second	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> B 7. NGFW should support atleast 200000 new connections per second
23	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> C 15. Firewall should have a minimum 250 Gb storage	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> C 15. Firewall should have a minimum 240 Gb storage
24	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> D 6. Solution should support full-featured NBA capability to detect threats emerging from inside the network. This includes the ability to establish “normal” traffic baselines through flow analysis techniques (e.g., NetFlow) and the ability to detect deviations from normal baselines.	<b>Clause Deleted</b>
25	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> E 5. Solution must support ICMP , SNMP , All Routing Protocols , MPLS Routing , Multicast in IPv6	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> E 5. Solution must support ICMP , SNMP , All Routing Protocols , MPLS Routing in IPv6
26	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b> E 7. NGFW should support Active/Active model in IPv6 also	<b>Clause Deleted</b>
27	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2) F Management</b> 3. The management platform must be available in physical appliance or Software and should have dual power supplies.	<b>Annexure 11D</b> <b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2) F Management</b> 3. The management platform must be available in physical appliance and should have dual power supplies.
28	<b>Annexure 11D</b>	<b>Annexure 11D</b>

	<b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2) F Management</b> 11. The management platform must support 10 million of IPS events	<b>Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2) F Management</b> 11. The management platform must support <b>10 million of events</b>
29	<b>Annexure 11D Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2) F Management</b> 24. All appliances will be taken for 3 years Warranty and 4 years of AMC	<b>Annexure 11D Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2) F Management</b> 24. All appliances will be taken for <b>5 years Warranty</b>
30	<b>Annexure 11D Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2) F Advance Malware Protection</b> 8. Sandbox should provides safe and highly secure on-premises static and dynamic malware analysis to maintain the confidentiality of data. Its should easily integrate with existing security infrastructure and should also provide safe on-premises storage of malware analysis results.  9. Sandbox appliance Integrated redundant power supply and 2*10G interface support  10. Sandbox appliance must support analysis of minimum 10VMs or more simultaneously  11. Sandbox appliance should deliver dynamic and static analysis engines that provide a full understanding of malware behaviour  12. Sandbox appliance should provide detailed analysis reports of all malware sample activities, including network traffic	<b>Clauses deleted</b>
31	<b>Annexure 11D Technical Specifications – Next Generation Firewall ( Quantity- DC:2 DR:2)</b>	<b>*Additional Clause</b> Bank mentioned minimum technical specifications, OEM/Bidder should ensure performance is not impacted for any firmware/IOS upgrade.
32	<b>Annexure 11E Technical Specifications - Network Access Control System ( Quantity- DC:1 DR:1)</b> 13. Processor should be of minimum 2.1GHZ with 12 cores and upgradable for future use.	<b>Annexure 11E Technical Specifications - Network Access Control System ( Quantity- DC:1 DR:1)</b> 13. Processor should be of minimum <b>2.1GHZ with 12 cores.</b>



33	<b>Annexure 11E</b> <b>Technical Specifications - Network Access Control System ( Quantity- DC:1 DR:1)</b> 14. Should be of minimum 256GB RAM and upgradable upto 384GB.	<b>Annexure 11E</b> <b>Technical Specifications - Network Access Control System ( Quantity- DC:1 DR:1)</b> 14. Should be of minimum <b>256GB RAM</b> .
34	<b>Annexure 11E</b> <b>Technical Specifications - Network Access Control System ( Quantity- DC:1 DR:1)</b> 28. Should have functionality to add new features like IOS/Firmware upgrades from central location, etc.	<b>Clause Deleted</b>
35	<b>Annexure 11E</b> <b>Technical Specifications - Network Access Control System ( Quantity- DC:1 DR:1)</b> 29. Appliance will be taken for 3 years Warranty and 4 years of AMC	<b>Annexure 11E</b> <b>Technical Specifications - Network Access Control System ( Quantity- DC:1 DR:1)</b> 29. Appliance will be taken for <b>5 years Warranty</b>
36	<b>Annexure 16 Service Levels Penalty During Warranty Cost included</b> Warranty cost mentioned in commercial sheet for the respective item under Active components	<b>Annexure 16 Service Levels Penalty During Warranty Cost included</b> <b>Hardware</b> cost mentioned in commercial sheet for the respective item

Clarification of Pre-bid queries is enclosed as part this Addendum as per 'Annexure A'

Addendum to the following Annexures:

**1. Annexure 22 - Format of Bank Guarantee for early release of retention money**

All other Terms & Conditions are same as per our RFP no. GEM/2023/B/3471981 Dated 22<sup>nd</sup> May 2023 for Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR.

## Annexure 22 – Format of Bank Guarantee for early release of retention money

To  
Chief General Manager (IT)  
Bank of Baroda,  
Baroda Sun Tower  
Bandra Kurla Complex,  
Bandra (E), Mumbai 400028

Dear Sir,

1. WHEREAS ..... (Name of Bidder) a Company registered under the Indian Companies Act, 1956 and having its Registered Office at ....., (Please provide complete address) (hereinafter referred to as "Bidder") was awarded a contract by Bank of Baroda (BOB) vide their Purchase Order no. .... dated ..... (Hereinafter referred to as "PO") for .....

<Details of equipment that supplied to be filled in table>

and it has been agreed that a payment of Rs. ..../- (Rupees ..... only) will be made to the Bidder representing balance 10% of the consideration amount against the security of a Bank Guarantee from a Scheduled Commercial Bank in India.

2. Now this deed of guarantee witnessed that in consideration of BOB agreeing to release a sum of Rs. ..../- (Rupees ..... only) representing balance 10% of the consideration amount payable to the Bidder in terms of, the said agreement, we ..... (Bank) having our head office at ..... and amongst other places, a branch at ..... (Hereinafter referred to as the guarantor) do hereby expressly, irrevocably and unreservedly agree and undertake that:

a) In the event of Bidder committing breach of any of the undertakings or committing default in fulfilling any obligation arising out of said agreement, we ..... (bank) shall on demand, pay BOB without any demur Rs. ..../- (Rupees ..... only) and notwithstanding any right the Bidder may have against BOB or any disputes raised by the Bidder or any suit or proceedings pending in any competent Court of Law in India or otherwise or before any arbitrator, and BOB's written demand shall be conclusive evidence to us that such amount is payable by us under the said contract and shall be binding in all respects on the Guarantor.

3. The Guarantor shall not be discharged or released from the aforesaid undertaking and guarantee by any agreement, variations made between BOB and the Bidder, indulgence shown to the Bidder by BOB, with or without the consent and knowledge of the Guarantor or by any alterations in the obligations of the Bidder by any forbearance whether as to payment, time performance or otherwise.

4. (a) This guarantee shall remain valid until (date which is 3 months after expiry of warranty period), or until discharged by BOB in writing.
- (b) This guarantee shall be a continuing guarantee and shall not be revocable except with the previous written consent of BOB and save as aforesaid it will be in force until the Bidder complies with its obligations hereunder.
- (c) This Guarantee shall not be affected by any change in the constitution of the Bidder by absorption with any other body or corporation or dissolution or otherwise and this guarantee will be available to or enforceable against such body or corporation.
5. In order to give effect to this guarantee, BOB will be entitled to act as if the guarantor were the principal debtor and the guarantor hereby waives all and any of its rights of surety ship.
6. This guarantee shall continue to be in force notwithstanding the discharge of the Bidder by operation of law and shall cease only on payment of the full amount by the guarantor to BOB of the amount hereby secured.
7. This Guarantee shall be in addition to and not in substitution for any other guarantee or security for the Bidder given or to be given to BOB in respect of the said contract.
8. Any notice by way of request and demand or otherwise hereunder may be sent by post or any other mode of communication to the guarantor's address as aforesaid, and if sent by post, it shall be deemed to have been given at the time when it would be delivered in due course by post and in proving such notice when given by post it shall be sufficient to prove that the envelope containing the notice was posted and a certificate signed by an officer of BOB that the envelope was so posted shall be conclusive.
9. These presents shall be governed by and construed in accordance with Indian Law. Notwithstanding anything contained herein:
- a) Our liability under this Bank Guarantee shall not exceed Rs. ....../- (Rupees ..... only)
- b) This Bank Guarantee shall be valid up to (date which is 3 months after expiry of warranty period) and
- c) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before \_\_\_\_\_ (three months after the date of expiry of the warranty).
- d) The guarantor has under its constitution powers to give this guarantee and Shri. .... (Signatories) Officials / Managers of the Bank who has/have signed this guarantee has/have powers to do so.

Dated this ..... day of..... 201 at .....

For and on behalf of..... (Bank).

Authorized Signatory ..... in favor of the Bank

Designation .....

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

Sr. No.	Point / Section #	Clarification point as stated in the tender document / Existing Clause/	Comment/ Suggestion/ Deviation	Reply to the bidder query
1	Payment terms	Gem Bid#GEM/2023/B/3471981	ePBG Detail-ePBG @10% for 63 months  We would request you please keep ePBG from 10% to 3% for 63 months.	No change
2	Eligibility Bid Evaluation	Point 5 Bidder should have direct support offices in Mumbai and Hyderabad	Bidder should have direct support offices in Mumbai and Hyderabad- Self-certified letter signed by authorized official of the bidder mentioning address of direct support offices.  WE have head office in Mumbai & support office in Hyderabad but we don't have GST billing facility in office in Hyderabad.	Published as part of Addendum 1
3	Technical Specifications - Next Generation Firewall	Point 3. The appliance should support at least 10*1 GbE Copper Ports & 4 * 10 Gb SFP+ ports from day-1 and should be expandable to 4 * 40 G ports for future use . The appliance should have a dedicated Console and at least 1 USB ports	Kindly modify this clause as "The appliance should support at least 4 * 10 Gb SFP+ ports from day-1. The appliance should have a dedicated Console and at least 1 USB ports"  why 40 G and 10G copper interface are required. 4 x 10G SFP + are good enough for backbone connectivity, and 1.5 Gbps Threat protection throughput. Hence request to modify this clause.	Published as part of Addendum 1
4	Technical Specifications - Next Generation Firewall	Point 6. Proposed Firewall should not be proprietary ASIC based in nature & should be open architecture based on multi-core cpu's to protect & scale against dynamic latest security threats.	Kindly remove this clause.  Custom ASIC-based firewalls have the advantage of being designed specifically for the task of network security, with optimized hardware and software that can provide high throughput and low latency. They are easier to configure and manage as they are designed with integrated hardware assembly, as they often have a more streamlined interfaces aligned dedicated processors for acceleration and content inspection.	Published as part of Addendum 1
5	Technical Specifications - Next Generation Firewall	Point 7. Firewall should have hot swappable dual power supplies, hot swappable hard disk & cooling fans	The Firewall generally have in-built redundant FANs to ensure that the internal components are provided sufficient cooling and resiliency to failure. The replaceable/Swappable without reloading device clause is more towards specific OEMs and does not give any additional benefit from a hardware standpoint. Request you to modify the clause as " The proposed solution should have dual redundant power supply and redundant fans."  The Firewall generally have in-built redundant FANs to ensure that the internal components are provided sufficient cooling and resiliency to failure. The replaceable/Swappable without reloading device clause is more towards specific OEMs and does not give any additional benefit from a hardware standpoint. Request you to modify the clause as " <b>The proposed solution should have dual redundant power supply and redundant fans.</b> "	Published as part of Addendum 1
6	Technical Specifications - Next Generation Firewall	Point 6. Solution should support full-featured NBA capability to detect threats emerging from inside	This clause is towards the network behaviour analysis detection clause and not the Firewall clause. Hence kindly remove this clause	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply,**  
**Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB**  
**DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		the network. This includes the ability to establish "normal" traffic baselines through flow analysis techniques (e.g., NetFlow) and the ability to detect deviations from normal baselines.	This clause is towards the network behaviour analysis detection clause and not the Firewall clause. Hence kindly remove this clause	
7	Technical Specifications - Next Generation Firewall	Point 21. Solution must be able to inspect the SSL traffic	without decryption of the SSL certificate, security inspection cant happen and SSL inspection throughput should be more or equal to Threat protection throughput asked in the RFP. Hence request you to modify this clause as " <b>Solution must be able to inspect the SSL traffic and should have 1.5 Gbps SSL inspection throughput</b> "	No change
8	Technical Specifications - Next Generation Firewall	Point 1. All Performance threshold are to be considered in real time and UDP traffic measurements are not Valid	Kindly modify this clause as " <b>the performance threshold are to be considered in real time with Enterprise Mix Traffic</b> "	Published as part of Addendum 1
9	Technical Specifications - Next Generation Firewall	Point 3. NGFW must support atleast 4 Gbps of throughput with Firewall + IPS feature	Kindly remove this clause as its contradict to the below Point B.4 clause  Kindly remove this clause as its contradict to the below Point B.4 clause	Published as part of Addendum 1
10	Technical Specifications - Next Generation Firewall	Point 6. NGFW should support atleast 5 million concurrent sessions	Kindly revised this clause as NGFW should support atleast 3 Million concurrent sessions. for 1.5 Gbps threat protection throughput 3 Millions of concurrent connect are good enough, hence please revised this clause.	Published as part of Addendum 1
11	Technical Specifications - Next Generation Firewall	Point 7. NGFW should support atleast 50000 new connections per second	kindly revised this clause as "NGFW should support atleast 250,000 connections per seconds  Connections per second(CPS) deal with how quickly the firewall can create and store a new session that's accepted by a firewall policy. It is always recommended to have more sessions per seconds and inline with the concurrent connections. Hence request you to modify this value.	Published as part of Addendum 1
12	Technical Specifications - Next Generation Firewall	Point 15. Firewall should have a minimum 250 Gb storage	Kindly modify this clause as "Firewall should have a minimum 400 Gb storage"  250 Gb storage is very low and hence to support multiple capture files during the troubleshooting, offline logs needs higher storage. Hence request you to increase the Storage size.	Published as part of Addendum 1
13	Technical Specifications - Next Generation Firewall	Point 9. Sandbox appliance Integrated redundant power supply and 2*10G interface support	If Firewall Threat Protection throughput is 1.5 Gbps then why you would required 2 x 10G interfaces in sandbox.Hence modify this clause as "Sandbox appliance Integrated redundant power supply and 4*1G interface support"  ideally 2 x 10G interface is not required in the sandbpx because Threat protection throughout asked for the firewall is just an 1.5 Gbps. Hence kindly modify this clause.	Published as part of Addendum 1
14	Technical Specifications - Next Generation Firewall	Point 7. Must be capable of providing network-based detection of malware by checking the Threat signatures of known files and capability to do	Kindly specify the Quantity required for Sandbox. i.e. One in DC and One in DR Or Two in DC and Two in DR ?	Sandbox requirement has been removed

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply,**  
**Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB**  
**DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		dynamic analysis unknown files on-premise on purpose built-appliance		
15	point i	i) Review and assess the Vulnerability Assessment (VA) points if any during the period of contract and accordingly recommend and implement the solution.	Our understanding is Bank's team/existing partner will do the vulnerability assessment (VA) and bidder need to close VA pointers for the proposed solution. Please confirm	Yes
16	point p	p) The successful vendor need to specify various infrastructure requirements which need to be provided for commissioning and smooth functioning of the equipment. This will include site requirements, power, cables, connectors, network cards / ports, UPS, environmental conditions, illumination etc	Our understanding is bidder needs to mention the pre-requisites for the mentioned clause and Bank will provision the same. Please confirm	Already mentioned in SOW that bidder needs to specify infra requirements.
17	point 4	Vendor will have to install the Hardware and hand it over to Bank for acceptance testing within 2 weeks from the date of receipt of the Hardware at our office and Bank's notification for installation of the HW / SW.	Request to consider the clause as below -  Installation and configuration of the proposed solution to be done within 4 weeks from the date of delivery of the hardware	No change
18	Technical Specifications Next Generation Firewall - F - Management - point 3	The management platform must be available in physical appliance or Software and should have dual power supplies.	Our understanding is the requirement for management server to manage the proposed firewall is a physical appliance. Please confirm	Published as part of Addendum 1
19	Technical Specifications Next Generation Firewall - F - Management - point 24	All appliances will be taken for 3 years Warranty and 4 years of AMC	Commercial format in page 94 mentions to quote with 5 years warranty whereas this clause mentions to quote with 3 years warranty and 4 years AMC. Please clarify	Published as part of Addendum 1
20	Annexure 11e Network Access Control System - point 29	Appliance will be taken for 3 years Warranty and 4 years of AMC	Commercial format in page 94 mentions to quote with 5 years warranty whereas this clause mentions to quote with 3 years warranty and 4 years AMC. Please clarify	Published as part of Addendum 1
21	Annexure 11e Network Access Control System	Additional query	Understanding the requirement is for wired, wireless and VPN systems and for 10000 endpoints from day 1. Please confirm	Yes
22	Annexure 11e Network Access Control System	Additional query	Understanding is following features are required from day 1. Please confirm as all the below features are license based and this will help the bidder in factoring the required licenses accordingly - Authentication and Authorization - Posturing - Profiling - Tacacs (device admin feature) is not required	All licenses for requirement provided in RFP should be included
23	Annexure 11e Network Access Control System	Additional query	Please confirm the following - This will help us in understanding the scope for deployment and compatibility of the proposed Network Access Control system - what is the total no of network devices and wireless devices - How many branches are factored for network control access system - What type of network devices are in the bank (eg - cisco juniper etc) - Which wireless device is used by bank? - Which VPN system is used by bank?	Bidder should study existing setup and deploy solution, current requirement is for 3500 networking devices

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

			- If agent needs to be rolled to the 10000 endpoints then, is bank using any patch management tool or bidder needs to roll out manually?	
24	Commercial Point g	a. Data Migration from existing system to the new system shall be a responsibility of the successful bidder and it to be carried out by the as part of Installation cost.	Please confirm the existing firewall and access control system deployed in Bank that needs to be migrated to the proposed solution	Currently CISCO ACS and CHECKPOINT firewall models are in use.
25	Commercial Point g	a. Data Migration from existing system to the new system shall be a responsibility of the successful bidder and it to be carried out by the as part of Installation cost.	Please confirm the no of policies to be migrated for firewall. For accesscontrol system, please confirm the current features in use. For how many endpoints it is deployed, no of branches and total no network devices	All existing and standard required policies to be deployed. 3500 network devices for ACS
26	Eligibility Criteria C2: Experience & Support Infrastructure	Bidder must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India out of which one should be a Bank having network of minimum 1500 domestic branches.  (In case the bidder has experience in DC & DR separately for any one organization, then the experience shall be taken as two number)	Bidder must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India out of which one should be a Bank having network of minimum 1000 domestic branches.  (In case the bidder has experience in DC & DR separately for any one organization, then the experience shall be taken as two number)	Published as part of Addendum 1
27	Eligibility Criteria C3: Experience & Support Infrastructure	Bidder should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.	Bidder should have successfully Designed, Build, Implemented & Managed Data Centre Switching Infrastructure (Active component of the OEM, whose products are quoted under this RFP) at minimum 2 Data Centers / Disaster Recovery Centres (Data Centre/ Disaster Recovery Centre of single Organization will be considered as one Order) running in India, having at least 50 Racks at each Data Center / Disaster Recovery Center, during last -5- Years (as on RFP date) and with a contract value of minimum Rs.3 Crore. The contract value shall comprise of only Network Infrastructure of similar work as specified in the scope of work to be covered as part of this RFP.	Published as part of Addendum 1
28	3. Delivery	The devices must be delivered and installed as per project scope within a period of 8 weeks in totality from the date of placing of purchase order by the Bank. The delivery and installation of hardware as per the required scope needs to be completed as per the timelines mentioned above.	Would request to ammend this as 28 weeks for delivery & additional 30 days for Installation	No change
29	11 termination	Bank reserves the right to terminate this RFP at any stage without any notice or assigning any reason. At any time during the course of the RFP process or before the award of contract or after execution of the contract that one or more terms and	Bank reserves the right to terminate this RFP at any stage without any notice or assigning any reason. At any time during the course of the RFP process or before the award of contract or after execution of the contract that one or more terms and conditions laid down in this Request For Proposal has not been met by the bidder or the bidder has made material misrepresentation or	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		<p>conditions laid down in this Request For Proposal has not been met by the bidder or the bidder has made material misrepresentation or has given any materially incorrect or false information. Bank may terminate his contract and may invoke performance bank guarantee or forfeit the security deposit as the case may be. Further bank may impose such restriction/s on the defaulting bidder as it deemed fit.</p> <p>After the award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, the Bank reserves the right to get the balance contract executed by another party of its choice by giving one month notice for the same, In such an event, the bidder is bound to make good the additional expenditure which the Bank may have to incur for the execution of the balance of the contract</p>	<p>has <b>intentionally</b> given any materially incorrect or false information. Bank may terminate his contract and may invoke performance bank guarantee or forfeit the security deposit as the case may be. Further bank may impose such restriction/s on the defaulting bidder as it deemed fit. After the award of the contract, if the selected bidder does not perform <b>as per the material RFP requirements</b> satisfactorily or <b>unduly</b> delays execution of the contract, the Bank reserves the right to get the balance contract executed by another party of its choice by giving one month notice for the same, In such an event, the bidder is bound to make good the additional expenditure which the Bank may have to incur for the execution of the balance of the contract <b>which shall in no event exceed more than 10% of what is payable to the bidder for the undelivered portion of the contract.</b></p> <p>[Please accept modifications and cap the risk purchase as requested]</p>	
30	Annexure 11 Pt 6	As per RFP	<p>Please add the following: <b><u>To the full extent permitted by law, bidder:</u></b> <b><u>(a) excludes all representations, warranties, terms and conditions, whether express or implied (and including those implied by statute, custom, law or otherwise), except as expressly set out in this Agreement;</u></b> <b><u>(b) does not give any warranty, representation or guarantee:</u></b> <b><u>(i) that any deliverable, product, advice, report, data or bidder service is free from errors or will operate uninterrupted or error-free.</u></b> <b><u>(ii) that the services, products or deliverables will ensure or enable the achievement of any desired business results for Bank not documented in the agreed specifications</u></b> <b><u>All third party products are supplied in accordance with the third party's standard terms, including as to licences and warranties.</u></b></p> <p><b><u>Bidder's service, product, support and warranty commitments do not cover claims resulting from the following and bidder may charge separately for services relating to such claims at the applicable published service rates:</u></b> <b><u>(a) improper use, site preparation, or site or environmental conditions or other non-compliance with applicable supporting material;</u></b> <b><u>(b) modifications or improper system maintenance or calibration not performed or authorised by bidder;</u></b> <b><u>(c) failure or functional limitations of any non-bidder software or product impacting systems receiving bidder support or service;</u></b> <b><u>(d) malware (e.g. virus, worm etc.) not introduced by bidder;</u></b> <b><u>(e) abuse, negligence, accident, fire or water damage, electrical disturbances, transportation by Bank, or other causes beyond bidder's reasonable control;</u></b> <b><u>(f) use of bidder-branded hardware and software in combination with non-bidder branded</u></b></p>	No change



**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

			<p><b><u>products except where authorised or recommended by bidder. Bidder may charge separately for services relating to such claims at the applicable published rates.</u></b></p> <p>[HPE standard terms do not provide warranty for non-HPE branded products, do not provide extended warranties of branded/non branded products and do not provide warranty against malware, except at delivery</p>	
31	Annexure 11 Pt. 7	<p>AT shall comprise of completion of following activities:</p> <p>i. For each installed equipment and IR template should be prepared along with the technical specifications and its value as per quoted product.</p> <p>ii. Bank personnel will check the working system value against the product value before signing the acceptance of the installation of equipment</p> <p>iii. In case Bank is not satisfied with installation / configuration, party must reinstall and / or reconfigure the entire / partial solution.</p> <p>iv. Running of AT Schedule as per agreed AT Plan for systems</p> <p>All the License document along with Manual of the equipment's installed should be duly submitted</p>	<p>Please add the following:</p> <p><b><u>The Bank shall conduct acceptance tests within 7 days of receipt of notice from bidder that the deliverables are ready for acceptance. The deliverables shall be deemed to be accepted ("Deemed Acceptance") upon the failure to conduct acceptance test within 7 days (as above) or when the bidder uses the deliverables for productive purposes. Bidder shall be given a reasonable time period to rectify material non-conformance upon receipt of notice from Bank with appropriate details of material non-conformance.</u></b></p>	No change
32	Annexure 12	<p>We hereby undertake that the proposed hardware / software to be supplied will be free of malware, free of any obvious bugs and free of any covert channels in the code (of the version of the application being delivered as well as any subsequent versions/modifications done)</p> <p>Further we undertake that the Software/ hardware and Services which will be delivered or provided under this Agreement are not infringe any IPR such as patent, utility model, industrial design, copyright, trade secret, mask work or trade mark</p>	<p>We hereby undertake that <b><u>at the time of delivery</u></b>, the proposed hardware / software to be supplied will be free of malware, free of any obvious bugs and free of any covert channels in the code (of the version of the application being delivered as well as any subsequent versions/modifications done)</p> <p>Further we undertake that the Software/ hardware and Services which will be delivered or provided under this Agreement are not infringe any IPR such as patent, utility model, industrial design, copyright, trade secret, mask work or trade mark</p> <p>[Please accept minor modification]</p>	No change
33	Annexure 19 Pt. 10	<p>10. COVENANTS OF THE SERVICE PROVIDER</p> <p>x. shall be liable to BANK for any and all losses of any nature whatsoever arisen directly or indirectly by negligence, dishonest, criminal or fraudulent act of any of the representatives and employees of the Service Provider while providing the services to the BANK.</p>	<p>10. COVENANTS OF THE SERVICE PROVIDER</p> <p>x. shall be liable to BANK for any and all losses of any nature whatsoever arisen directly or indirectly by <b><u>gross</u></b> negligence, dishonest, criminal or fraudulent act of any of the representatives and employees of the Service Provider while providing the services to the BANK.</p> <p>[Please accept modification. We cannot agree to indirect damages claims.]</p>	No change
34	Annexure 19 Pt. 11	<p>11. CONFIDENTIALITY</p> <p>The confidentiality obligations shall survive the expiry or</p>	<p>11. CONFIDENTIALITY</p> <p>The confidentiality obligations shall survive the expiry or termination of the Agreement between the</p>	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply,**  
**Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB**  
**DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		termination of the Agreement between the Service Provider and the Bank.	Service Provider and the Bank <b>for a period of 3 years from the last date of disclosure of such Confidential Information.</b>	
			[We cannot agree to perpetual confidentiality obligations. Please accept modification]	
35	Annexure 19 Pt. 12	<p>12. INDEMNITY</p> <p>The Service Provider shall indemnify the Bank, and shall always keep indemnified and hold the Bank, its employees, personnel, officers, directors, (hereinafter collectively referred to as "Personnel") harmless from and against any and all losses, liabilities, claims, actions, costs and expenses (including attorneys' fees) relating to, resulting directly or indirectly from or in any way arising out of any claim, suit or proceeding brought against the Bank as a result of:</p> <ul style="list-style-type: none"> <li>• Bank's authorized / bona fide use of the Deliverables and /or the Services provided by Service Provider under this Agreement; and/or</li> <li>• an act or omission of the Service Provider and/or its employees, agents, sub-contractors in performance of the obligations under this Agreement; and/or</li> <li>• claims made by employees or subcontractors or subcontractors' employees, who are deployed by the Service Provider, against the Bank; and/or</li> <li>• claims arising out of employment, non-payment of remuneration and non-provision of statutory benefits by the Service Provider to its employees, its agents, contractors and sub-contractors</li> <li>• breach of any of the term of this Agreement or breach of any representation or false representation or inaccurate statement or assurance or covenant or warranty of the Service Provider under this Agreement; and/or</li> <li>• any or all Deliverables or Services infringing any patent, trademarks, copyrights or such other Intellectual Property Rights; and/or</li> <li>• breach of confidentiality obligations of the Service Provider contained in this Agreement; and/or</li> <li>• Negligence or gross misconduct attributable to the Service Provider or its employees or sub-contractors.</li> </ul>	<p>12. INDEMNITY</p> <p><b>Subject to the Limitation of Liability clause below,</b> The Service Provider shall indemnify the Bank, and shall always keep indemnified and hold the Bank, its employees, personnel, officers, directors, (hereinafter collectively referred to as "Personnel") harmless from and against any and all <b>third party</b> losses, liabilities, claims, actions, costs and expenses (including attorneys' fees) relating to, resulting directly or indirectly from or in any way arising out of any claim, suit or proceeding brought against the Bank <b>by a third party</b> as a <b>direct</b> result of:</p> <ul style="list-style-type: none"> <li>• <del>Bank's authorized / bona fide use of the Deliverables and /or the Services provided by Service Provider under this Agreement; and/or</del></li> <li>• an <b>grossly negligent</b> act or <b>wilful</b> omission of the Service Provider and/or its employees, agents, sub-contractors in performance of the obligations under this Agreement; and/or</li> <li>• claims made by employees or subcontractors or subcontractors' employees, who are deployed by the Service Provider, against the Bank; and/or</li> <li>• claims arising out of employment, non-payment of remuneration and non-provision of statutory benefits by the Service Provider to its employees, its agents, contractors and sub-contractors</li> <li>• <del>breach of any of the term of this Agreement or breach of any representation or false representation or inaccurate statement or assurance or covenant or warranty of the Service Provider under this Agreement; and/or</del></li> <li>• any or all Deliverables or Services infringing any patent, trademarks, copyrights or such other Intellectual Property Rights; and/or</li> <li>• <del>breach of confidentiality obligations of the Service Provider contained in this Agreement; and/or</del></li> <li>• <b>Gross</b> Negligence or gross misconduct attributable to the Service Provider or its employees or sub-contractors.</li> </ul>	No change
36	Annexure 19 Pt. 15	<p>15. TERMINATION</p> <p>In following events Bank shall terminate this assignment or cancel any particular order if service provider:</p>	<p>15. TERMINATION</p> <p>In following events Bank shall terminate this assignment or cancel any particular order if service provider:</p>	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		<p>Breaches any of its obligations set forth in this agreement and Such breach is not cured within 15 Working Days after Bank gives written notice; or</p> <ul style="list-style-type: none"> <li>• Failure by Service Provider to provide Bank, within 15 Working Days, with a reasonable plan to cure such breach, which is acceptable to the Bank. Or</li> <li>• The progress regarding execution of the contract/ services rendered by the Service Provider is not as per the prescribed time line, and found to be unsatisfactory.</li> <li>• Supply of substandard materials/ services</li> <li>• Delay in delivery / installation / commissioning of services.</li> <li>• Discrepancy in the quality of service / security expected during the implementation, rollout and subsequent maintenance process.</li> <li>• If deductions of penalty exceeds more than 10% of the total contract price</li> </ul>	<p>Breaches any of its <u>material</u> obligations set forth in this agreement and Such <u>material</u> breach is not cured within <del>30</del>45 Working Days after Bank gives written notice; or</p> <ul style="list-style-type: none"> <li>• Failure by Service Provider to provide Bank, within 15 Working Days, with a reasonable plan to cure such breach, <del>which is acceptable to the Bank.</del> Or</li> <li>• The progress regarding execution of the contract/ services rendered by the Service Provider is not as per the prescribed time line <u>and RFP requirements</u>, <del>and found to be unsatisfactory.</del></li> <li>• <del>Supply of substandard materials/ services</del></li> <li>• <u>Undue</u> Delay in delivery / installation / commissioning of services.</li> <li>• <u>Material</u> Discrepancy in the quality of service / security expected during the implementation, rollout and subsequent maintenance process.</li> <li>• If deductions of penalty exceeds more than 10% of the total contract price</li> </ul> <p><b><u>Either party may terminate this Agreement on written notice if the other fails to meet any material obligation and fails to remedy the breach within a reasonable period after being notified in writing of the details. If either party becomes insolvent, unable to pay debts when due, files for or is subject to bankruptcy or receivership or asset assignment, the other party may terminate this Agreement and cancel any unfulfilled obligations. Any terms in the Agreement which by their nature extend beyond termination or expiration of the Agreement will remain in effect until fulfilled and will apply to both parties' respective successors and permitted assigns.</u></b></p> <p>[Bidder will require a right to terminate. Please accept insertion.</p> <p>Termination to only take place for material breaches and subject to a cure period of 30 days.</p> <p>Kindly accept modifications.]</p>	
37	Annexure 19 Pt. 15	<p>Notwithstanding above, in case of change of policy or any unavoidable circumstances or without any reason Bank reserve the right to terminate this assignment or any subsequent agreement and / or any particular order, in whole or in part by giving Service Provider at least 60 days prior notice in writing.</p> <p>Effect of termination</p> <p>If bank terminates or cancels the assignment on the default mentioned in the termination clause, in such case bob reserves the right to get the balance contract executed by another party of its choice. In this event, the Service Provider shall be bound to make good the additional expenditure, which the Bank may have to incur to carry out bidding process for the selection of a new service provider and for execution of the</p>	<p>Notwithstanding above, in case of change of policy or any unavoidable circumstances or without any reason Bank reserve the right to terminate this assignment or any subsequent agreement and / or any particular order, in whole or in part by giving Service Provider at least <del>90</del> 60 days prior notice in writing.</p> <p>Effect of termination</p> <p>If bank terminates or cancels the assignment on the default mentioned in the termination clause, in such case bob reserves the right to get the balance contract executed by another party of its choice. In this event, the Service Provider shall be bound to make good the additional expenditure, which the Bank may have to incur <del>to carry out bidding process for the selection of a new service provider and for execution of the balance of the contract</del>, <b><u>which shall in no event exceed more than 10% of what is payable to the bidder for the undelivered portion of the contract.</u></b></p> <p>Immediately upon the date of expiration or termination of the Agreement, Bank shall have no further obligation to pay any fees for any periods commencing on or after such date.</p>	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		<p>balance of the contract.</p> <p>Immediately upon the date of expiration or termination of the Agreement, Bank shall have no further obligation to pay any fees for any periods commencing on or after such date.</p> <p>Without prejudice to the rights of the Parties, upon termination or expiry of this Agreement, Bank shall pay to Service Provider, within thirty (30) days of such termination or expiry, All the undisputed fees outstanding till the date of termination; Upon the termination or expiry of this Agreement:</p> <ul style="list-style-type: none"> <li>• The rights granted to Service Provider shall immediately terminate.</li> <li>• Upon Bank's request, with respect to (i) any agreements for maintenance, disaster recovery services or other third-party services, and any Deliverables not owned by the Service Provider, being used by Service Provider to provide the Services and (ii) the assignable agreements, Service Provider shall, use its reasonable commercial endeavors to transfer or assign such agreements and Service Provider Equipment to Bank and its designee(s) on commercially reasonable terms mutually acceptable to both Parties.</li> <li>• Upon Bank's request in writing, Service Provider shall be under an obligation to transfer to Bank or its designee(s) the Deliverables being used by Service Provider to perform the Services free and clear of all liens, security interests, or other encumbrances at a value calculated as stated.</li> </ul>	<p>Without prejudice to the rights of the Parties, upon termination or expiry of this Agreement, Bank shall pay to Service Provider, within thirty (30) days of such termination or expiry, All the undisputed fees outstanding till the date of termination;</p> <p>Upon the termination or expiry of this Agreement:</p> <ul style="list-style-type: none"> <li>• The rights granted to Service Provider shall immediately terminate.</li> <li>• Upon Bank's request, with respect to (i) any agreements for maintenance, disaster recovery services or other third-party services, and any Deliverables not owned by the Service Provider, being used by Service Provider to provide the Services and (ii) the assignable agreements, Service Provider shall, use its reasonable commercial endeavors to transfer or assign such agreements and Service Provider Equipment to Bank and its designee(s) on commercially reasonable terms mutually acceptable to both Parties.</li> <li>• Upon Bank's request in writing, Service Provider shall be under an obligation to transfer to Bank or its designee(s) the Deliverables being used by Service Provider to perform the Services free and clear of all liens, security interests, or other encumbrances at a value calculated as stated.</li> </ul> <p>[Please accept modifications capping risk purchase provisions and extending duration of notice for termination for convenience]</p>	
38	Annexure 19 Pt. 19	<p><b>19. LIMITATION OF LIABILITY</b></p> <p>Except the grounds mentioned under the para two of this clause, Service Provider's aggregate liability in connection with obligations undertaken as a part of the Agreement regardless of the form or nature of the action giving rise to such liability (whether in contract, tort or otherwise), shall be at actual and limited to the Total Contract Value.</p> <p>However, Service Provider's liability in case of claims against the Bank resulting from Willful Misconduct or Gross Negligence of Service Provider, its employees and Subcontractors or from infringement of patents, trademarks, copyrights or such other Intellectual Property Rights or breach of confidentiality obligations shall be unlimited.</p> <p>Bank shall not be held liable for and is absolved of any responsibility or claim / litigation arising out of the use of any</p>	<p><b>19. LIMITATION OF LIABILITY</b></p> <p>Except the grounds mentioned under the para two of this clause, Service Provider's aggregate liability in connection with obligations undertaken as a part of the Agreement regardless of the form or nature of the action giving rise to such liability (whether in contract, tort, <b>indemnity</b>, or otherwise), shall be at actual and limited to the Total Contract Value.</p> <p>However, Service Provider's liability in case of claims against the Bank resulting from Willful Misconduct or Gross Negligence of Service Provider, its employees and Subcontractors or from infringement of patents, trademarks, copyrights or such other Intellectual Property Rights or breach of confidentiality obligations (<b>excluding personal data or personal information</b>) shall be unlimited.</p> <p>Bank shall not be held liable for and is absolved of any responsibility or claim / litigation arising out of the use of any third party software or modules supplied by Service Provider as part of procurement under the Agreement.</p> <p>Under no circumstances <b>BOB</b> shall <b>either party</b> be liable to the Service Provider for direct, indirect, incidental, consequential, special or exemplary damages arising from <del>termination</del> of this</p>	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		<p>third party software or modules supplied by Service Provider as part of procurement under the Agreement.</p> <p>Under no circumstances BOB shall be liable to the Service Provider for direct, indirect, incidental, consequential, special or exemplary damages arising from termination of this Agreement, even if BOB has been advised of the possibility of such damages, such as, but not limited to, loss of revenue or anticipated profits or lost business.</p> <p>Subject to any law to the contrary, and to the maximum extent permitted by law neither parties shall be liable to other for any consequential/ incidental, or indirect damages arising out of this agreement.</p> <p>All employees engaged by the party shall be in sole employment of the party and the respective parties shall be solely responsible for their salaries, wages, statutory payments etc. That under no circumstances shall other party be liable for any payment or claim or compensation (including but not limited to compensation on account of injury/death/termination) of any nature to the employees and personnel of the other party.</p>	<p>Agreement, even if <del>BOB</del> <b>the party</b> has been advised of the possibility of such damages, such as, but not limited to, loss of revenue or anticipated profits or lost business.</p> <p>Subject to any law to the contrary, and to the maximum extent permitted by law neither parties shall be liable to other for any consequential/ incidental, or indirect damages arising out of this agreement.</p> <p>All employees engaged by the party shall be in sole employment of the party and the respective parties shall be solely responsible for their salaries, wages, statutory payments etc. That under no circumstances shall other party be liable for any payment or claim or compensation (including but not limited to compensation on account of injury/death/termination) of any nature to the employees and personnel of the other party.</p> <p>[Please accept mutual exclusion of indirect and consequential damages claims. We cannot accept uncapped liability for confidentiality breaches where personal data is involved. Please accept modification.]</p>	
39	Annexure 19 Pt. 19	19	<p>Please add the following:</p> <p>Bidder's ability to deliver services and products will depend on Bank's reasonable and timely cooperation and the accuracy and completeness of any information from Bank needed to deliver the services and products.</p> <p>Bidder will be not in breach of any of its obligations, or be liable under an indemnity, to the extent that the Bidder's act or omission which would constitute such a breach, or give rise to liability under an indemnity, is caused by an act or omission of Customer or a third party, affiliate or contractor of Customer.</p> <p>Bidder may rely upon any instructions, approvals or other information provided to Bidder by the Customer. Unless Bidder knew of any error, incorrectness or inaccuracy in such instructions, approvals or other information, Bidder is not liable on any basis for compliance with or reliance upon any such instructions, approvals or other information.</p> <p>Neither party may recover from the other party any amounts in respect of losses that would not have been suffered or incurred if that Party had taken reasonable steps to minimise its losses.</p> <p>[We will require the protection arising from these provisions. Please accept.]</p>	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

40	Bid details	180 (Days)	Considering the current price volatility in market, bidder request reduced Bid Offer Validity of 90 days.	No change
41	Pt. 7 Performance Guarantee]	within 30 days from the date of receipt of the order or signing of the contract whichever is earlier in the format as provided in Annexure 15 to the extent of <b>10% of the Contract value</b> for the entire period of the contract plus 3 months and such other extended period as the Bank may decide for due performance of the project obligations. The guarantee should be of that of a <b>scheduled commercial bank</b> only, other than Bank of Baroda.	Bidder request PBG to be on 3% of contract value and validity to end with the end of contract.	No change
42	Pt. 11 termination	After the award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, the Bank reserves the right to get the balance contract executed by another party of its choice by giving one month notice for the same, In such an event, the bidder is bound to make good the additional expenditure which the Bank may have to incur for the execution of the balance of the contract	Bidder request that such costs be capped to 10% of the amounts payable by the bank for the undelivered portion of the goods/services.	No change
43	Annexure 11 – Pt. 2	The Bank shall have the right to withhold any payment due to the Bidder, in case of delays or defaults on the part of the Bidder.	Bidder request that bank shall have the right to withhold payment equal to the value of part delayed or defaulted, in case of delays or defaults on the part of the vendor.	No change
44	Annexure 11 – Pt. 2	The method and conditions of payments to be made to the successful vendor shall be: Ø 70% of the total cost of Equipment on delivery plus 100% of GST at actuals. Ø 18% of total cost after one month of successful installation and satisfactory functioning. SNR case - Wherever installation could not be carried out by the successful vendor due to the Bank's dependencies like Site not ready etc. even after 60 days beyond the date of delivery then the payment would be released, upon the successful vendor's submission of certificate from location concerned duly signed (with Bank's seal affixed) by the Bank Authority concerned on the Bank's dependencies like site is not ready etc. However, in such a case the successful vendor has to give an undertaking to complete installation within a week of being informed that the site is ready. 18% payment of the total cost after two months on delivery of hardware. Ø Balance 12% of the delivered Equipment cost would be payable in year 4 and year 5 on submission of satisfactory service report from Bank's project manager. The payment for	Bidder request following change to the payment term: -70% of the total cost of Equipment on delivery -18% of the total cost of Equipment on successful installation as services will be completed. -12% of the total cost of Equipment against equivalent amount bank guarantee valid for the period of warranty.	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		balance 12% will be divided into eight equal instalments for year 4 & year 5 and paid quarterly in advance from the start of 4th year warranty period.		
45	Annexure 11 – Pt. 3	Vendor will have to pay late delivery charges to the Bank @ 1% of the purchase order value inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery, to a maximum of 5% of the total purchase order value inclusive of all taxes, duties, levies etc.	Bidder request that bidder will have to pay liquidated damages of 1% of the unexecuted value of the deliverable per week or part thereof, for late delivery beyond the delivery period, to a maximum of 5% of the total purchase order.	No change
46	Annexure 11 – Pt. 3	All accessories as part of the hardware / software to make the devices operational should be delivered together with the equipment. Any component has not been delivered or if delivered is not operational on account of which the equipment is not functioning, will be deemed / treated as non-delivery of the equipment thereby excluding the Bank from all payment obligations under the terms of this contract.	Bidder is of understanding that Bank will pay once delayed goods are delivery or non-operational equipment are replaced after charging/adjusting late delivery charges as retribution.	Bank will pay as per the Payment Terms mentioned in RFP once the issues are resolved
47	Annexure 11 – Pt. 4	Vendor will have to pay late installation charges to the Bank @ 1% of the total Purchase Order Value per day or part thereof subject to maximum of 5% of the total purchase order value, for delay in installation, if the delay is caused owing to reasons attributable to the Vendor.	Bidder request that bidder will have to pay liquidated damages of 1% of the installation cost (@ 0.25% of the total Purchase Order Value) of the deliverable per week or part thereof, to a maximum of 5% of the total purchase order.	No change
48	Annexure 11 – Pt. 8	The Bank reserves the right to alter the requirements specified in the Tender. The Bank also reserves the right to delete one or more items from the list of items specified in the Tender. The Bank will inform all Bidders about changes, if any. The Bidder agrees that the Bank has no limit on the additions or deletions on the items for the period of the contract.	Considering the gems 'Buyer Added Bid Specific Terms and Conditions' - clause 1- Generic (page 7), bidder is of understanding that bank reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. No reduction in quantity is acceptable after release of PO. Please clarify.	Quantity will be mentioned in PO
49	Annexure 14 – Commercial Bid	k. In the case of additional requirements desired by the Bank during the period of 1 year from date of purchase order, the Bank can place the order for additional 25% of the over and above the quantity for which Order is placed with a particular bidder.	bidder request that prices of any additional required by the Bank after purchase order is placed to be mutually agreed, as the current \$ fluctuation and other market factors may lead to price changes beyond bidder control.	Additional requirements upto 25% can be placed at same rates as in current order
50	Annexure 16 – Service Levels	Penalty during warranty- % cost included - 'Warranty cost mentioned in commercial sheet for the respective item under Active components'	Bidder request clarification on how warranty cost will be arrived for Penalty calculation? Since as per commercial template annexure 14, price includes both cost of equipment plus warranty cost, however as per SLA annexure 16, penalty will be calculated on warranty cost.	Published as part of Addendum 1
51	Annexure 16 – Service Levels	Service Levels	Bidder request that total SLA charges to be subject to an overall cap of 5% of Total contract value.	No change
52				
53	Eligibility Evaluation Criteria Point No. 3/ C. Experience & Support Infrastructure	Bidder should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at	Requesting you to remove this clause, As a bidder we have experience of delivering OEM solution to customer's DC/ DR locations but DC/DR being TIER-III or any standard doesn't matter bidder's capability of solution delivery.	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.		
54	Eligibility Evaluation Criteria Point No. 3/ D. Others	Bidder must ensure that the equipment's to be supplied will not be End of Life/ Sale in next 3 years and will not be End of Support in next 5 years from the date of RFP	Requesting you to change this clause " Bidder must ensure that the equipment's to be supplied will not be End of Life/ Sale in next 1 years and will not be End of Support in next 5 years from the date of RFP	No change
55	1. Project Scope	k) The resolution/replacement time for any Switches, Firewall & ACS issue shall be 4 hours. There should be 24x7x365 support for any technical issue for all the supplied products through this RFP directly from the OEM and the vendor. The vendor has to provide Escalation Matrix and SPOC details for the delivery, installation and service support for the entire project and ensure timely completion of all the activities as per the schedule.	RMA of OEM is 4 Hr delivery ; on getting delivery within 4 HR , bidder will need min. 2 Hr extra time to replace hardware ; requesting change this clause " Any software issues should be attended & resolved within 4 HR & any Hardware replacement should be done within 24 HR"	No change
56	Payment Terms C. For 12% Payment Claim	Ø Balance 12% of the delivered Equipment cost would be payable in year 4 and year 5 on submission of satisfactory service report from Bank's project manager. The payment for balance 12% will be divided into eight equal instalments for year 4 & year 5 and paid quarterly in advance from the start of 4th year warranty period.	Rquesting you reduce it to 5%	Published as part of Addendum 1
57	Annexure 11 Pt. 3. Delivery	The devices must be delivered and installed as per project scope within a period of 8 weeks in totality from the date of placing of purchase order by the Bank. The delivery and installation of hardware as per the required scope needs to be completed as per the timelines mentioned above.	8 Weeks delivery timeline is very stringent considering global semi-conductor shortage & current delivey time line from OEM's is around 16-18 weeks; requeting you to re-look at timelines as per OEMs recommendation	No change
58	Annexure 11 Pt. 4. Installation	Installation at our Office, including unpacking of cartons/ boxes, will be the responsibility of the Vendor. Vendor will have to install the Hardware and hand it over to Bank for acceptance testing within 2 weeks from the date of receipt of the Hardware at our office and Bank's notification for installation of the HW / SW.	Requesting you to change this to 6 Weeks as requirement involved replacement of existing setup, downtimes & new configurations	No change
59	Annexure 11 Next Generation Firewall	NGFW must support atleast 4 Gbps of throughput with Firewall + IPS feature	Kindly remove this clause as its contradict to the below Point B.4 clause	Published as part of Addendum 1
60	Annexure 11D ; Technical Specifications - Next Generation Firewall A. General, point no. 7	Firewall should have hot swappable dual power supplies, hot swappable hard disk & cooling fans	<b>Requesting to change this clause to " Firewall should have hot swappable dual power supplies, hot swappable cooling fans" Hot swappable HDD would still be needed to stop the OS first and then remove the HDD as OS is kept in the HDD only. We have 2 HDD of 900Gb each in the Firewall model.</b>	Published as part of Addendum 1



**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

61	Annexure 11D ; Technical Specifications - Next Generation Firewall A. General,, point 9	The OEM should have a Recommended Overall rating in latest NSS Lab Reports for NGFW Comparative report in Security Effectiveness	<b>Requesting to please remove this point.</b> NSS report closed in 2018-19 year and there are no new reports coming. If needed we can provide testing report from our own lab.	Published as part of Addendum 1
62	Annexure 11D ; Technical Specifications - Next Generation Firewall C. Firewall , Page No. 14	Firewall should support redundant interfaces to provide interface level redundancy before device failover	Can you please elaborate more on this ? Are you looking for Fail to Wire Interfaces on the Firewall ?	The solution should run on High Availability/ Fail to wire is not mandatory
63	Annexure 11D ; Technical Specifications - Next Generation Firewall D. Next Generation IPS and URL Filtering; point no. 6	Solution should support full-featured NBA capability to detect threats emerging from inside the network. This includes the ability to establish "normal" traffic baselines through flow analysis techniques (e.g., NetFlow) and the ability to detect deviations from normal baselines.	<b>Requesting to please remove this point.</b> Baselining of threat based on Netflow & telemetry is something a NBAD solution should be doing. NBAD solution collects flows from all the network and then creates a baseline to it. This is something a NGFW wont be able to achieve.	Published as part of Addendum 1
64	Annexure 11D ; Technical Specifications - Next Generation Firewall E. IPv6 Support, Page No. 7	NGFW should support Active/Active model in IPv6 also	<b>Requesting to please remove this point.</b> IPv4 is only supported for Active/Active Clustering	Published as part of Addendum 1
65	Annexure 11D ; Technical Specifications - Next Generation Firewall E. IPv6 Support; Point No. 5	Solution must support ICMP , SNMP , All Routing Protocols , MPLS Routing , Multicast in IPv6	<b>Requesting to change this clause to "</b> Solution must support ICMP , SNMP , All Routing Protocols , MPLS Routing in IPv6" Multicast is only supported with Ipv4	Published as part of Addendum 1
66	Annexure 11D ; Technical Specifications - Next Generation Firewall E. Anti Virus and Anti Bot; Point No. 6	AV must be able to inspect SSL traffic	Can you please elaborate more on this ? SSL Inspection can be configured for selective traffic or all traffic.	No change
67	Annexure 11D ; Technical Specifications - Next Generation Firewall E. Anti Virus and Anti Bot; Point No. 7	AV and AB must have a managed and administered centrally	Can you please elaborate more on this ?	The required features should be managed centrally through console
68	Annexure 11E :Technical Specifications - Network Access Control System 13	Processor should be of minimum 2.1GHZ with 12 cores and upgradable for future use.	<b>Requesting to change this clause to "</b> Processor should be of minimum 2.1GHZ with 12 cores." The Cores and Processors are fixed and not upgradable in future	Published as part of Addendum 1
69	Annexure 11E :Technical Specifications - Network Access Control System. 14	Should be of minimum 256GB RAM and upgradable upto 384GB.	<b>Requesting to change this clause to "</b> Should be of minimum 256GB RAM." RAM is fixed at 256Gb and not upgradable.	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply,**  
**Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB**  
**DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

70	Annexure 11E :Technical Specifications - Network Access Control System 27	The solution should have enterprise license without any restrictions on number of users for all the components	<b>Requesting to change this clause to " The solution should have license based on Concurrent user count. " License is subscription based on concurrent User count. If the user count increases more license needs to be bought and added to solution</b>	No change
71	Annexure 11A : Technical Specifications - Modular Switch Type 1 Point No. 2	Switch should be populated with minimum 192x 1 Gig Copper SFP, 144x 1/10/25 GbE SFP+ multimode fiber, 30x 40/100 Gbps QSFP/QSFP+/QSFP28 from Day 1	While we have Modular chassis with required ports given in RFP. However, we recommend to have 1G copper and 10/25G fiber ports requirements on fixed leaf switches for future scalability. Future horizontal scalability can be achieved with this architecture. Leaf, spine next gen architecture is recommended for datacenter with inbuilt automation, multitenancy, Zero trust, Microsegmentation , proactive AI based visibility	No change
72	Annexure 11A : Technical Specifications - Modular Switch Type 1 Point No. 2	Switch should be populated with minimum 192x 1 Gig Copper SFP, <b>144x 1/10/25 GbE SFP+ multimode fiber, 30x 40/100 Gbps</b> QSFP/QSFP+/QSFP28 from Day 1	Please clarify the count for SFP required 1g or 10g or 25 g	SFP Should support 1g/10g/25g
73	Annexure 11A : Technical Specifications - Modular Switch Type 1 Point No. 3	2 Supervisor slots,4 line cards with1gig ports where 1st & 2nd Line Cards should be 1gig Copper SFP from day 1, 3rd & 4th Line Cards should support 1/10/25 GbE SFP+ populated with 1 Gig Copper SFP from day1 where line card 3rd & 4th ports can change from 1G Copper into 1/10/25 GbE SFP+ usable port with the change of SFP+ transceiver and no other additional cost, 5th, 6th & 7th Line Cards should be populated with 1/10/25 GbE SFP+ Multimode fiber, and 8th Line Card with 40/100 Gbps QSFP/QSFP+/QSFP28 from day1	While we have Modular chassis with required ports given in RFP. However, we recommend to have 1G copper and 10/25G fiber ports requirements on fixed leaf switches for future scalability. Future horizontal scalability can be achieved with this architecture. Leaf, spine next gen architecture is recommended for datacenter with inbuilt automation, multitenancy, Zero trust, Microsegmentation , proactive AI based visibility	No change
74	Annexure 11A : Technical Specifications - Modular Switch Type 1 Point No. 5	For SFP/SFP+, it shall support 1/10/25 GbE and 25GBASE-MR-XSR, MultiRate SFP	25GBASE-MR-XSR part code is specific OEM specific. we have 10/25G multirate SFP. Request to specify generic specs for SFP in this clause	Published as part of Addendum 1
75	Annexure 11A : Technical Specifications - Modular Switch Type 1 Point No. 38	Solution should leverage the centralized network database to provide network analytics	Request to modify specs as mentioned " Solution should support a single consolidated view of all the objects including links, devices, their relationships, the real-time status of their utilization, and a quick at-a-glance assessment of the current status of the entire system or any subset of the system for better event correlations"	No change
76	Annexure 11A : Technical Specifications - Modular Switch Type 1	New clause	Request to add this clause in specs " Fabric /SDN controller should provide micro-segmentation rules and policies for workloads connected to DC fabric for east-west traffic . It must support segmentation of VM based attributes like hostname, OS, VM Tags"	No change
77	Annexure 11A : Technical Specifications - Modular Switch Type 1	New clause	Request to add this clause in specs " Fabric must be capable of dynamically insert physical and virtual L4 - L7 (FW, LB, IPS) services between multiple segment using policy base traffic redirect"	No change
78	Annexure 11A : Technical Specifications - Modular Switch Type 1	New clause	Request to add this clause in specs " Flow telemetry should support hardware acceleration so that it is not impacting CPU performance "	No change
79	Annexure 11A : Technical Specifications - Modular Switch Type 1	New clause	Request to add this clause in specs " Solution should provide instant visibility into any applicable bugs, security advisories and field notices for running hardware and configuration"	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

80	Point No. 1	Switch should be populated with minimum 24x 1 Gig Copper, 20x 1/10/25 GbE SFP+ Multimode Fiber, 4x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1	While we have option for 48 port switch, which can be used as 1G copper and 1/10/25G fiber, however we recommend to have separate switch for copper and fiber port requirement. separate switch for copper and fiber will help to consolidate copper and fiber port requirement and thus reduce hardware footprint in the data center.	No change
81	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 1	Switch should be populated with minimum 24x 1 Gig Copper, 20x 1/10/25 GbE SFP+ Multimode Fiber, <b>4x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1</b>	If we consider 48 ports of 25G each then it required 48*25G = 1.2Tbps throughput. we have uplink 6 x 100G = 600G + 600G = 1.2Tbps uplink provisioned in 6 ports. So, request to consider 6 x 40/100G for uplink ports; based on the analysis made on the other column, please provide relaxation on the number of uplink port to <b>[6x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1]</b>	No change
82	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 1	Switch should be populated with minimum 24x 1 Gig Copper, <b>20x 1/10/25 GbE SFP+ Multimode Fiber, 4x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1</b>	Please clarify the count for SFP required 1g or 10g or 25 g	SFP Should support 1g/10g/25g
83	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 8	Switch should support upto 16K IPv4 Routes.	Request to modify specs as mentioned "The switch should support atleast 500k IPv4 LPM routes from day1"	No change
84	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 5	Should support programming in python, C++,GO or other supported protocol for programming the switch.	please elaborate the use case; Kindly advise the resource base on C++ & GO & Python for readiness on Cisco Platform training to manage the deployment and development	No change
85	Annexure 11B : Technical Specifications – Switch Type 3	New clause	Request to add this clause in specs " Switch platform should support MAC Sec (802.1AE) encryption in hardware"	No change
86	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 1	Switch should be populated with minimum 24x 1 Gig Copper, 24x 1/10/25 GbE SFP+ Multimode Fiber, 8x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1	While we have option for 48 port switch, which can be used as 1G copper and 1/10/25G fiber, however we recommend to have separate switch for copper and fiber port requirement. separate switch for copper and fiber will help to consolidate copper and fiber port requirement and thus reduce hardware footprint in the data center.	Published as part of Addendum 1
87	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 1	Switch should be populated with minimum 24x 1 Gig Copper, 24x 1/10/25 GbE SFP+ Multimode Fiber, <b>8x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1</b>	If we consider 48 ports of 25G each then it required 48*25G = 1.2Tbps throughput. we have uplink 6 x 100G = 600G + 600G = 1.2Tbps uplink provisioned in 6 ports. So, request to consider 6 x 40/100G for uplink ports; based on the analysis made on the other column, please provide relaxation on the number of uplink port to <b>[6x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1]</b>	No change
88	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 1	Switch should be populated with minimum 24x 1 Gig Copper, <b>24x 1/10/25 GbE SFP+ Multimode Fiber, 8x 40/100 Gbps QSFP/QSFP+/QSFP28 ports from Day 1</b>	Please clarify the count for SFP required 1g or 10g or 25 g	No change
89	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 8	Switch should support upto 16K IPv4 Routes.	Request to modify specs as mentioned "The switch should support atleast 500k IPv4 LPM routes from day1"	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

90	Annexure 11B : Technical Specifications – Switch Type 3 Point No. 5	Should support programming in python, C++,GO or other supported protocol for programming the switch.	please elaborate the use case; Kindly advise the resource base on C++ & GO & Python for readiness on Cisco Platform training to manage the deployment and development	No change
91	Annexure 11B : Technical Specifications – Switch Type 3	New clause	Request to add this clause in specs " Switch platform should support MAC Sec (802.1AE) encryption in hardware"	No change
92				
93	Point 3. The appliance should support at least 10*1 GbE Copper Ports & 4 * 10 Gb SFP+ ports from day-1 and should be expandable to 4 * 40 G ports for future use . The appliance should have a dedicated Console and at least 1 USB ports	Point 3. The appliance should support at least 10*1 GbE Copper Ports & 4 * 10 Gb SFP+ ports from day-1 and should be expandable to 4 * 40 G ports for future use . The appliance should have a dedicated Console and at least 1 USB ports	Kindly modify this clause as "The appliance should support at least 4 * 10 Gb SFP+ ports from day-1. The appliance should have a dedicated Console and at least 1 USB ports"  why 40 G and 10G copper interface are required. 4 x 10G SFP + are good enough for backbone connectivity, and 1.5 Gbps Threat protection throughput. Hence request to modify this clause.	Published as part of Addendum 1
94	Point 6. Proposed Firewall should not be proprietary ASIC based in nature & should be open architecture based on multi-core cpu's to protect & scale against dynamic latest security threats.	Point 6. Proposed Firewall should not be proprietary ASIC based in nature & should be open architecture based on multi-core cpu's to protect & scale against dynamic latest security threats.	Kindly remove this clause.  Custom ASIC-based firewalls have the advantage of being designed specifically for the task of network security, with optimized hardware and software that can provide high throughput and low latency. They are easier to configure and manage as they are designed with integrated hardware assembly, as they often have a more streamlined interfaces aligned dedicated processors for acceleration and content inspection.	Published as part of Addendum 1
95	Point 7. Firewall should have hot swappable dual power supplies, hot swappable hard disk & cooling fans	Point 7. Firewall should have hot swappable dual power supplies, hot swappable hard disk & cooling fans	The Firewall generally have in-built redundant FANs to ensure that the internal components are provided sufficient cooling and resiliency to failure. The replaceable/Swappable without reloading device clause is more towards specific OEMs and does not give any additional benefit from a hardware standpoint. Request you to modify the clause as " <b>The proposed solution should have dual redundant power supply and redundant fans.</b> "	Published as part of Addendum 1
96	Point 21. Solution must be able to inspect the SSL traffic	Point 21. Solution must be able to inspect the SSL traffic	without decryption of the SSL certificate, security inspection cant happen and SSL inspection throughput should be more or equal to Threat protection throughput asked in the RFP. Hence request you to modify this clause as " <b>Solution must be able to inspect the SSL traffic and should have 1.5 Gbps SSL inspection throughput</b> "	No change
97	Point 1. All Performance threshold	Point 1. All Performance threshold are to be considered	Kindly modify this clause as " <b>the performance threshold are to be considered in real time with Enterprise Mix Traffic</b> "	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

	are to be considered in real time and UDP traffic measurements are not Valid	in real time and UDP traffic measurements are not Valid		
98	Point 3. NGFW must support atleast 4 Gbps of throughput with Firewall + IPS feature	Point 3. NGFW must support atleast 4 Gbps of throughput with Firewall + IPS feature	Kindly remove this clause as its contradict to the below Point B.4 clause	Published as part of Addendum 1
99	Point 6. NGFW should support atleast 5 million concurrent sessions	Point 6. NGFW should support atleast 5 million concurrent sessions	Kindly revised this clause as NGFW should support atleast 3 Million concurrent sessions. for 1.5 Gbps threat protection throughput 3 Millions of concurrent connect are good enough, hence please revised this clause.	Published as part of Addendum 1
100	Point 7. NGFW should support atleast 50000 new connections per second	Point 7. NGFW should support atleast 50000 new connections per second	kindly revised this clause as "NGFW should support atleast 250,000 connections per seconds  Connections per second(CPS) deal with how quickly the firewall can create and store a new session that's accepted by a firewall policy. It is always recommened to have more sessions per seconds and inline with the concurrent connections. Hence request you to modify this value.	Published as part of Addendum 1
101	Point 15. Firewall should have a minimum 250 Gb storage	Point 15. Firewall should have a minimum 250 Gb storage	Kindly modify this clause as "Firewall should have a minimum 400 Gb storage"  250 Gb storage is very low and hence to support multiple capture files during the troubleshooting, offline logs needs higher storage. Hence request you to increase the Storage size.	Published as part of Addendum 1
102	Point 9. Sandbox appliance Integrated redundant power supply and 2*10G interface support	Point 9. Sandbox appliance Integrated redundant power supply and 2*10G interface support	If Firewall Threat Protection throughput is 1.5 Gbps then why you would required 2 x 10G interfaces in sandbox.Hence modify this clause as "Sandbox appliance Integrated redundant power supply and 4*1G interface support" ideally 2 x 10G interface is not required in the sandbpx because Threat protection throughout asked for the firewall is just an 1.5 Gbps. Hence kindly modify this clause.	Published as part of Addendum 1
103	Eligibility Criteria C.2	Bidder must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India out of which one should be a Bank having network of minimum 1500 domestic branches	Request you to kindly amend this clause as " Experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (HW of any OEM) of 2 nos of DC or DR for a period of last 5 years in public sector/Commercial bank/Govt Oragnization/PSUs/Telecom Sector in Indian out out which one should be a bank.	Published as part of Addendum 1
104	Eligibility Criteria C.3	Bidder should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware	Request you to kindly clarify wether the project value is 3 cr & in that Networking is part of it or 3 cr should be Networking component value.	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.	If it is 3 Cr network then kindly amend it to 75 Lacs or More.	
105	3. Delivery	The devices must be delivered and installed as per project scope within a period of 8 weeks in totality from the date of placing of purchase order by the Bank.	Kindly amend this clause as "The devices must be delivered and installed as per project scope within a period of 16-18 weeks in totality from the date of placing of purchase order by the Bank. "	No change
106	3. Delivery	Vendor will have to pay late delivery charges to the Bank @ 1% of the purchase order value inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery, to a maximum of 5% of the total purchase order value inclusive of all taxes, duties, levies etc.	Kindly amend this clause as "Vendor will have to pay late delivery charges to the Bank @ 0.5% of the purchase order value inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery.	No change
107				
108	Annexure 11	Migration	Migration of what? What is the existing architecture	
109	Annexure 11	The devices must be delivered and installed as per project scope within a period of 8 weeks in totality from the date of placing of purchase order by the Bank	We need atleast 12 weeks time for delivery	No change
110	Annexure 11	Vendor will have to install the Hardware and hand it over to Bank for acceptance testing within 2 weeks from the date of receipt of the Hardware at our office and Bank's notification for installation of the HW / SW.	We need atleast 5 weeks time for installation	No change
111	Annexure 11D	The firewall shall be able to handle VoIP traffic securely with "pinhole opening" and support SIP, SCCP, MGCP and H.323 ALGs	Need clarity on the protocols	No change
112	Annexure 11D	Firewall should have a minimum 250 Gb storage	It is mandate clause or not	Published as part of Addendum 1
113	Annexure 11D	The solution must provide IP reputation feed that comprised of several regularly updated collections of poor reputation of IP addresses determined by the proposed security vendor	Need clarity on the statement	This technical specification feature is required for proposed NGFW
114	Annexure 11D	Should support Open based Application ID for access to community resources and ability to easily customize security to address new and specific threats and applications signature quickly	Need clarity on the statement	This technical specification feature is required for proposed NGFW
115	Annexure 11D	IPS should understand and take action on Denial of Service /DDOS used to crafts and send multiple communication Request that can potentially cause attached system to become temporarily unresponsive. It Should have prevention against	Need clarity on the statement	This technical specification feature is required for proposed NGFW

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		Script DDoS tool that utilizes high bandwidth web servers to generate malicious DDoS traffic.		
116	Annexure 11D	Appliance should be capable of blocking callbacks to C&C Servers	Need clarity on the statement	This technical specification feature is required for proposed NGFW
117	Annexure 11E	Should be of minimum 256GB RAM and upgradable upto 384GB.	Current supports 256GB but need to check if it is upgradable to 384GB	Published as part of Addendum 1
118	Annexure 11E	Should have a option to add additional interfaces in case of future requirement	Need to check if interfaces can add or not	No change
119	Annexure 11E	The device should have its own management software, which can be used remotely (through secured Web interface) to monitor, troubleshoot & manage the nodes.	Can you elaborate more on the secured Web interface? A web interface can be accessed remotely unless and until there is IP reachability.	Web interface is required within the Bank
120	Annexure 11E	The management software should integrate with any third party product suite.	Can you please specify what products you want to integrate with management software? Help us with the solution names & model no. if any.	The solution should support different make and models of networking devices across OEMs
121	Annexure 11E	The device should seamlessly integrate with existing network equipments	Need clarity on the name of the existing network equipment used by the BOB	The solution should support existing different make and models across OEMs
122	Annexure 11E	The solution should have enterprise license without any restrictions on number of users for all the components	Cisco NAC licenses are based on the number of concurrent endpoints with active network connections whereas Posture licenses are on a per-user basis.	No change
123	Annexure 11E	Should have functionality to add new features like IOS/Firmware upgrades from central location, etc.	Can you elaborate on what new features you are looking for that need to be added in a new Firmware release	Clause removed
124	Annexure 11E	Appliance will be taken for 3 years Warranty and 4 years of AMC	Why 3 years of Warranty and 4 years of AMC	Published as part of Addendum 1
125	A.6/Annexure 11A	Switch should have minimum 24 Tbps backplane switching capacity available from day 1	For Line Rate Support, throughput must be min 50Tbps.	No change
126	A.12/Annexure 11A	Switch Supervisor Engine Specs should have - Quad Core x86 CPU, 16Gb SDRAM and 8Gb Flash or 50G/100G SATA SSD	<u>Request/Modification</u> = "Switch Supervisor Engine Specs should have - Quad Core x86 CPU, 16Gb SDRAM/ <b>System Memory</b> and <b>4GB</b> Flash or 50G/100G SSD"  <u>Justification</u> = Aligning FLASH memory scale to the standard requirements in an enterprise grade switch, also Flash is not a performance parameter and in case of SDRAM/System memory : Different OEM have different terminology and will ensure wider OEM participation. Further the Sup support 100G + SSD which can be used for storage if required.	Published as part of Addendum 1
127	A.22/Annexure 11A	Switch should support power budget of 3.5W per 10Gb of performance	Switch should support power budget of 3.5W per 100Gb of performance. (3.5W per 10G port is very high)	Published as part of Addendum 1
128	D.11/Annexure 11A	Switch should have latency below 5microsec	The latency ask is on higher side we recommend it to be 3microsec"Switch should have latency below 3microsec."	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply,**  
**Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB**  
**DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

129	D.12/Annexure 11A	In Future any line card should be able to change into higher BW line cards, rates for line cards/transceiver should be fixed for the entire 7 years.	We need clarification on what is expected over here?	Line cards/transceiver rate should be mentioned in commercial format mentioned in RFP
130	A.10/Annexure 11B	Switch should support minimum 2.8 Tbps or more switching capacity/throughput	As the ask is for line rate switch this speed should be 2Tbps(48*25+8*100=2000Gbps = 2Tbps)	Published as part of Addendum 1
131	D.7/Annexure 11B	Switch should support minimum 5micro sec or less of latency for high speed switching.	Latency ask should be 1microsec or less. 5microsec is very high	No change
132	A.10/Annexure 11C	Switch should support minimum 1.5 Tbps or more switching capacity/throughput	As the ask is for line rate switch this speed should be 2Tbps(48*25+8*100=2000Gbps = 2Tbps)	No change
133	D.7/Annexure 11C	Switch should support minimum 5micro sec or less of latency for high speed switching.	Latency ask should be 1microsec or less. 5microsec is very high	No change
134	Annexure 11D - General - Point -3	The appliance should support at least 10*1 GbE Copper Ports & 4 * 10 Gb SFP+ ports from day1 and should be expandable to 4 * 40 G ports for future use . The appliance should have a dedicated Console and at least 1 USB ports.	Request to remove 4 * 40G ports as for a 2.5 GB throughput Firewall - 4 * 40 G ports is a very high requirement. We strongly recommend that even if 1 x 40G port is connected, it will be bring down the firewall with the CPU's clocking 100% utilisation. The Firewall is already populated with 4x 10G ports which itself is 40G of throughput alongwith 10 x 1G of copper ports. If all the ports are populated the total throughput through the ports will be 50G for a 2.5G requirement.	Published as part of Addendum 1
135	Annexure 11D - General - Point -7	Firewall should have hot swappable dual power supplies, hot swappable hard disk & cooling fans	Request to change the clause and remove the hot swappable Hard disk from this clause, In a Firewall Appliance with the asked throughput requirements it does not have a hot swappable Hard Disk and typically comes with single Hard Disk.	Published as part of Addendum 1
136	Annexure 11D - Firewall - Point -14	Firewall should support redundant interfaces to provide interface level redundancy before device failover	Request more Clarity/ details on this clause. What is meant by redundant interfaces/interface level redundancy.	The solution should run on High Availability
137	Annexure 11D - Firewall - Point -15	Firewall should have a minimum 250 Gb storage	This is a vendor specific clause, Request to change the storage to 240 Gb.	Published as part of Addendum 1
138	Annexure 11D - Next Generation IPS and URL Filtering - Point -6	Solution should support full-featured NBA capability to detect threats emerging from inside the network. This includes the ability to establish "normal" traffic baselines through flow analysis techniques (e.g., NetFlow) and the ability to detect deviations from normal baselines.	The features asked in this point is more related and relevant to Forensics / PCAP solution and not a firewall. Netflows typically can be sent to Netflow Analyzer / NBAD and not on Firewall. Request to remove this clause as this is not functional feature of a firewall.	Published as part of Addendum 1
139	Annexure 11D - Next Generation IPS and URL Filtering - Point -15	Should support Open based Application ID for access to community resources and ability to easily customize security to address new and specific threats and applications signature quickly	Request you to kindly clarify what is meant by support Open based application ID for access. Request more details.	This technical specification feature is required for proposed NGFW
140	Annexure 11D - Advance Malware Protection - Point - 9	Sandbox appliance Integrated redundant power supply and 2*10G interface support	For the NGFW throughput asked in the RFP - 2 * 10G interface support seems to be highly sized and increases the BoQ unnecessarily. We request change in the clause to 8*1G ports. Which we strongly recommend will suffice for the given requirement.	Published as part of Addendum 1
141	Annexure 11D - Advance Malware Protection - Point - 10	Sandbox appliance must support analysis of minimum 10VMs or more simultaneously	Request to change clause to -Sandbox appliance must support analysis of minimum 8 VMs or more simultaneously.	Published as part of Addendum 1



**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

142	Annexure 11D - Management - Point -3	The management platform must be available in physical appliance or Software and should have dual power supplies.	Require more clarity - if we have to propose Hardware Appliance or a Software Based Management Platform.	Clause modified
143	Annexure 11D - Management - Point -11	The management platform must support 10 million of IPS events	Request more clarity and rationale behind the number 10 million IPS events.	Published as part of Addendum 1
144	Annexure 02 –Evaluation Terms	Bidder should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.	Please make it Bidder/OEM. Else please relax this point	Published as part of Addendum 1
145	Annexure 11 – Project Details and Scope of Work	The devices must be delivered and installed as per project scope within a period of 8 weeks in totality from the date of placing of purchase order by the Bank.	4-5 Months	No change
146	Annexure 11 – Project Details and Scope of Work	Ø 70% of the total cost of Equipment on delivery plus 100% of GST at actuals. Ø 18% of total cost after one month of successful installation and satisfactory functioning. Ø Balance 12% of the delivered Equipment cost would be payable in year 4 and year 5 on submission of satisfactory service report from Bank's project manager. The payment for balance 12% will be divided into eight equal instalments for year 4 & year 5 and paid quarterly in advance from the start of 4th year warranty period.	Please make payment terms as - "90% against delivery and 10% Against Installation or against submission of PBG of 10% value."	Published as part of Addendum 1
147	Annexure 11 – Project Details and Scope of Work 1. Project Scope	c) The successful vendor will configure, install, de-install, re-install, re-configure (in case Bank need any configure change) at no extra cost during the entire contract period.	Requesting to pay the mutual agreed installation cost for in case of change of location	No change
148	Annexure 11 – Project Details and Scope of Work 1. Project Scope	s) After installation the successful vendor need to provide OEM authorized certification / training program to Bank's identified people, regarding installation, configuration, operation, basic troubleshooting etc as per Bank's requirement. Detailed training requirement will be shared with the successful vendor.	Request to share the required OEM authorized certification / training program because it has separate cost which need to be considered	No change
149	Annexure 11 – Project Details and Scope of Work 4. Installation	Installation at our Office, including unpacking of cartons/ boxes, will be the responsibility of the Vendor. Vendor will have to install the Hardware and hand it over to Bank for acceptance testing within 2 weeks from the date of receipt of the Hardware at our office and Bank's notification for installation of the HW / SW.	Request to share the existing network architecture to provide proper solution	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

150	F Management	24 All appliances will be taken for 3 years Warranty and 4 years of AMC	This clause is contradicting as Contract period is 5 years	Published as part of Addendum 1
151	Technical Specifications - Network Access Control System	29 Appliance will be taken for 3 years Warranty and 4 years of AMC	This clause is contradicting as Contract period is 5 years	Published as part of Addendum 1
152	1. Project Scope Point - q	Bidder should submit a list of all features provided by the proposed Switches, Firewall & ACS framework in addition to the technical specifications mentioned in this RFP document that will be available to the bank without any additional charges and will be under support.	List of available features apart from given technical specifications will be dependent on Bank's existing setup. Hence kindly make this clause applicable to successful bidder.	No change
153	1. Project Scope Point - s	After installation the successful vendor need to provide OEM authorized certification / training program to Bank's identified people, regarding installation, configuration, operation, basic troubleshooting etc as per Bank's requirement. Detailed training requirement will be shared with the successful vendor.	Kindly clarify Training requirement in detail, so that bidder can consider the cost accordingly.  1. Please clarify if OEM Certification Training is required or Operational Training is required for supplied components? 2. How many peoples to be considered for training? 3. Which location and what is the expected duration of Training? 4. It is presumed to be One time activity. Else please specify the frequency.	No change
154	10. Handover Services	Handover Services of Tape Library which will be provided by the bidder after installation. The handed over shall include the following but not limited to:	Multiple places "Tape Library" has been mentioned in this clause, however it is not part of this RFP. Hence, request to review and remove it.	Published as part of Addendum 1
155	10. Handover Services	The bidder should ensure training for all the users at the time of UAT and bidder should be flexible to give training in the form of knowledge transfer to the users as and when required/demanded by the bank at any point contract period.	Post installation training requirement is already mentioned in Point- S, hence request to remove this clause.	No change
156	Technical Specifications - Modular Switch Type 1(Quantity- DC:2 DR:2)	Fabric manager must provide Centralised Management - Single pane of Glass for managing, monitoring and provisioning the entire Fabric.	There is no line item for Fabric Manager in Commercial bid. Please clarify.	Item should be mentioned as part of modular switch
157	Annexure 02 –Evaluation Terms	Bidder must be a Government Organization / PSU / PSE / partnership firm / LLP or private / public limited company in India at least for the last 5 years.	We have undergone restructuring of our company business resulting in formation of subsidiary company (Operational from Feb 2020) to focus on specific line of business of the RFP. Hence the subsidiary bidding company will have to rely on its parent company to comply with the Experience & financial Eligibility clauses of the RFP. Request you to modify the clause as: The Bidder or Bidder's Parent company (incase bidder is 100% owned subsidiary of its Parent company) must be a Government Organization / PSU / PSE / partnership firm / LLP or private / public limited company in India at least for the last 5 years.	Published as part of Addendum 1
158	Annexure 02 –Evaluation Terms	Bidder must be in the business of supplying and implementing Network Hardware in India for a period of last 5 years (As on RFP date).	We have undergone restructuring of our company business resulting in formation of subsidiary company (Operational from Feb 2020) to focus on specific line of business of the RFP. Hence the subsidiary bidding company will have to rely on its parent company to comply with the Experience & financial Eligibility clauses of the RFP.	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

			Request you to modify the clause as: The Bidder or Bidder's Parent company (incase bidder is 100% owned subsidiary of its Parent company) must be in the business of supplying and implementing Network Hardware in India for a period of last 5 years (As on RFP date).	
159	Annexure 02 –Evaluation Terms	The Bidder must have registered average annual turnover of Rs. 100 Crore or above during the last three completed financial years – 2019-20, 2020-21 and 2021-22* (Not inclusive of the turnover of associate companies).  Audited Financial statements for the financial years 2019-20, 2020-21 and 2021-22*.	Request to modify the clause as: The Bidder must have registered average annual turnover of Rs. 100 Crore or above during the last three completed financial years – 2020-21, 2021-22 and 2022-23* (Not inclusive of the turnover of associate companies).  Audited Financial statements for the financial years 2020-21, 2021-22 and 2022-23*.	Published as part of Addendum 1
160	Annexure 02 –Evaluation Terms	The Bidder must be Net profit making entity continuously for the last three years i.e. financial years –2019-20, 2020-21 and 2021-22*  Audited Financial statements for the financial years 2019-20, 2020-21 and 2021-22*.	Request to modify the clause as: The Bidder must be Net profit making entity continuously for the last three years i.e. financial years –2020-21, 2021-22 and 2022-23*  Audited Financial statements for the financial years 2020-21, 2021-22 and 2022-23*.	Published as part of Addendum 1
161	Annexure 02 –Evaluation Terms	Bidder must be in Business of Supply, Configuration and Implementation of Data Center Network Infrastructure and providing end to end operational support & maintenance of the Network Infrastructure, for a period of at least last 3 Years (as on RFP date).	We have undergone restructuring of our company business resulting in formation of subsidiary company (Operational from Feb 2020) to focus on specific line of business of the RFP. Hence the subsidiary bidding company will have to rely on its parent company to comply with the Experience & financial Eligibility clauses of the RFP. Request you to modify the clause as: The Bidder or Bidder's Parent company (incase bidder is 100% owned subsidiary of its Parent company) must be in Business of Supply, Configuration and Implementation of Data Center Network Infrastructure and providing end to end operational support & maintenance of the Network Infrastructure, for a period of at least last 3 Years (as on RFP date).	No change
162	Annexure 02 –Evaluation Terms	Bidder must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India out of which one should be a Bank having network of minimum 1500 domestic branches. (In case the bidder has experience in DC & DR separately for any one organization, then the experience shall be taken as two number)	We have undergone restructuring of our company business resulting in formation of subsidiary company (Operational from Feb 2020) to focus on specific line of business of the RFP. Hence the subsidiary bidding company will have to rely on its parent company to comply with the Experience & financial Eligibility clauses of the RFP. Request you to modify the clause as: The Bidder or Bidder's Parent company (incase bidder is 100% owned subsidiary of its Parent company) must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for in a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India out of which one should be a Bank/ <b>BFSI</b> having network of minimum 1500 domestic branches. (In case the bidder has experience in DC & DR separately for any one organization, then the experience shall be taken as two number)	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

163	Annexure 02 –Evaluation Terms	Bidder should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.	We have undergone restructuring of our company business resulting in formation of subsidiary company (Operational from Feb 2020) to focus on specific line of business of the RFP. Hence the subsidiary bidding company will have to relay on its parent company to comply with the Experience & financial Eligibility clauses of the RFP. Request you to modify the clause as: The Bidder or Bidder's Parent company (incase bidder is 100% owned subsidiary of its Parent company) should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of <del>TIER-III</del> Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.	Published as part of Addendum 1
164	3. Delivery	The devices must be delivered and installed as per project scope within a period of 8 weeks in totality from the date of placing of purchase order by the Bank. The delivery and installation of hardware as per the required scope needs to be completed as per the timelines mentioned above. Vendor will have to pay late delivery charges to the Bank @ 1% of the purchase order value inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery, to a maximum of 5% of the total purchase order value inclusive of all taxes, duties, levies etc. If delay exceeds the maximum percentage of 5%, Bank reserves the right to cancel the respective purchase order.	Need modification of clause: The devices must be delivered and installed as per project scope within a period of 8 20 weeks in totality from the date of placing of purchase order by the Bank. The delivery and installation of hardware as per the required scope needs to be completed as per the timelines mentioned above. Vendor will have to pay late delivery charges to the Bank @ 4% 0.5% of the purchase order value of <b>undelivered</b> merchandise/ equipments inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery, to a maximum of 5% of the total purchase order value inclusive of all taxes, duties, levies etc. If delay exceeds the maximum percentage of 5%, Bank reserves the right to cancel the respective purchase order.	No change
165	4. Installation	Installation at our Office, including unpacking of cartons/ boxes, will be the responsibility of the Vendor. Vendor will have to install the Hardware and hand it over to Bank for acceptance testing within 2 weeks from the date of receipt of the Hardware at our office and Bank's notification for installation of the HW / SW. Vendor will have to pay late installation charges to the Bank @ 1% of the total Purchase Order Value per day or part thereof subject to maximum of 5% of the total purchase order value, for delay in installation, if the delay is caused owing to reasons attributable to the Vendor.	Need modification of clause: Installation at our Office, including unpacking of cartons/ boxes, will be the responsibility of the Vendor. Vendor will have to install the Hardware and hand it over to Bank for acceptance testing within 2 8 weeks from the date of receipt of the Hardware at our office and Bank's notification for installation of the HW / SW. Vendor will have to pay late installation charges to the Bank @ 1% of the <b>uninstalled</b> Purchase Order Value per day or part thereof subject to maximum of 5% of the total purchase order value, for delay in installation, if the delay is caused owing to reasons attributable to the Vendor.	No change
166	A.6/Annexure 11A	Switch should have minimum 24 Tbps backplane switching capacity available from day 1	For Line Rate Support, throughput must be min 50Tbps.	No change
167	A.12/Annexure 11A	Switch Supervisor Engine Specs should have - Quad Core x86 CPU, 16Gb SDRAM and 8Gb Flash or 50G/100G SATA SSD	<u>Request/Modification</u> = "Switch Supervisor Engine Specs should have - Quad Core x86 CPU, 16Gb SDRAM/ <b>System Memory</b> and <b>4GB</b> Flash or 50G/100G SSD"  <u>Justification</u> = Aligning FLASH memory scale to the standard requirements in an enterprise grade	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

			switch,also Flash is not a performance parameter and in case of SDRAM/System memory : Different OEM have different terminology and will ensure wider OEM participation. Further the Sup support 100G + SSD which can be used for storage if required.	
168	A.22/Annexure 11A	Switch should support power budget of 3.5W per 10Gb of performance	Switch should support power budget of 3.5W per 100Gb of performance. (3.5W per 10G port is very high)	Published as part of Addendum 1
169	D.11/Annexure 11A	Switch should have latency below 5microsec	The latency ask is on higher side we recommend it to be be 3microsec"Switch should have latency below 3microsec."	No change
170	D.12/Annexure 11A	In Future any line card should be able to change into higher BW line cards, rates for line cards/transceiver should be fixed for the entire 7 years.	We need clarification on what is expected over here?	Line cards/transceiver rate should be mentioned in commercial format mentioned in RFP
171	A.10/Annexure 11B	Switch should support minimum 2.8 Tbps or more switching capacity/throughput	As the ask is for line rate switch this speed should be 2Tbps(12*25+8*100=2000Gbps = 2Tbps)	Published as part of Addendum 1
172	D.7/Annexure 11B	Switch should support minimum 5micro sec or less of latency for high speed switching.	Latency ask should be 1microsec or less. 5microsec is very high	No change
173	A.10/Annexure 11C	Switch should support minimum 1.5 Tbps or more switching capacity/throughput	As the ask is for line rate switch this speed should be 2Tbps(12*25+8*100=2000Gbps = 2Tbps)	No change
174	D.7/Annexure 11C	Switch should support minimum 5micro sec or less of latency for high speed switching.	Latency ask should be 1microsec or less. 5microsec is very high	No change
175	A. Eligibility Bid Evaluation	The OEM should be a Class-I Local Supplier as defined in the Order No. P-45021/2/2017-PP(BE-II) dated 16.09.2020 by DPIT(PPD)/MoC/GOIANDThe OEM needs to comply with the Minimum Local Content Percentage (%) as defined in Table-A (Page 5 of 12) Order No. 18-10/2017-IP dated 29.08.2018 by DOT/MOC/GOI and File no. 1 (10)/ 2017-CLES MeIT/ GOI/od dated 6.12.2019. (Evaluation Process: Bank will first evaluate the technical bids of the Bidders complying with preference to 'Make in India' initiative of Govt. of India. In case two or more than two bidders complying with preference to 'Make in India' initiative are found technically eligible, as per technical specifications mentioned in Annexure 11 of the RFP, then commercial bids of only these bidders will be opened.In case sufficient bidders complying with preference to 'Make in India' initiative are not found technically eligible as per technical specifications mentioned in Annexure 11 of the RFP, then commercial bids of all technically eligible bidders will be opened.)	No. Would request to please remove this clause.	No change
176	3. Delivery	The devices must be delivered and installed as per project scope within a period of 8 weeks in totality from the date of placing of purchase order by the Bank. The delivery and	Would request to ammend this as 28 weeks for delivery & additonal 30 days for Installation	No change

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		installation of hardware as per the required scope needs to be completed as per the timelines mentioned above.		
177	[B] Important Clarifications: Point No. III	Request the department to clarify if consortium is allowed or not. If not, then request the department to allow Consortium of one lead bidder and one partner.		Consortium is not allowed please refer Eligibility Criteria A1
178	Annexure 02 –Evaluation Terms: A. Eligibility Bid Evaluation Section B- Financial	Request the department to amend this as : "The Bidder must have registered average annual turnover of Rs. 70 Crore or above during the last three completed financial years – 2019-20, 2020-21 and 2021-22* (Not inclusive of the turnover of associate companies). OR The Bidder must have registered average annual turnover of Rs. 100 Crore or above during the last three completed financial years – 2020-21 and 2021-22, 2022-23 (Not inclusive of the turnover of associate companies). OR Below clause is applicable for bidders who fall under the category of Micro & Small Enterprise (MSEs) or Start-ups (Necessary valid documentary proof certifying the bidder as an MSE or Start-up needs to be submitted by the bidder). The Bidder must have registered average annual turnover of Rs. 40 Crore or above during the last three completed financial years – 2019-20, 2020-21 and 2021-22* (Not inclusive of the turnover of associate companies). * If 2021-22 Financial Statements of any bidder is unaudited, then Financial statements for 2018-19, 2019-20 and 2020-21 will be considered, along with an undertaking letter from the bidder that FY 2021-22 statements are not audited. In this scenario Audited Financial statements for the financial year 2018-19, 2019-20 and 2020-21 are to be submitted."	This will maximize participation.	Published as part of Addendum 1
179	Annexure 02 –Evaluation Terms: A. Eligibility Bid Evaluation Section C- Experience & Support Infrastructure Point No.2	Request the department to amend this as : "Bidder must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -1- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India. (In case the bidder has experience in DC & DR separately for	This will maximize participation.	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

		any one organization, then the experience shall be taken as two number)		
180	Annexure 02 –Evaluation Terms: A. Eligibility Bid Evaluation Section C- Experience & Support Infrastructure Point No.3	Request the department to amend this as : "Bidder should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -1- numbers of Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 10 Crore."	This will maximize participation.	Published as part of Addendum 1
181	Annexure 02 –Evaluation Terms: A. Eligibility Bid Evaluation Section C- Experience & Support Infrastructure Point No.5	Request the department to amend this as : " Bidder should have direct support offices in Mumbai and Hyderabad or bidder should establish direct support offices in Mumbai and Hyderabad within 45 days of Award of Contract."	This will maximize participation.	Published as part of Addendum 1
182	A. Eligibility Bid Evaluation	Bidder must be a Government Organization / PSU / PSE / partnership firm / LLP or private / public limited company in India at least for the last 5 years.	We recommend to modify the clause as : Bidder must be a Government Organization / PSU / PSE / partnership firm / LLP or private / public limited company in India at least for the last <b>5 3</b> years. <b>(As on RFP date)</b>	Published as part of Addendum 1
183	A. Eligibility Bid Evaluation	Bidder must be in the business of supplying and implementing Network Hardware in India for a period of last 5 years (As on RFP date).	Since the clause no. C.1 on page no. 29 of ATC is not matching with the clause A.2 on page no. 22 of the RFP.  We recommend to modify the clause as : Bidder must be in the business of supplying and implementing Network Hardware in India for a period of last <b>5 3</b> years (As on RFP date).	Published as part of Addendum 1
184	A. Eligibility Bid Evaluation	Bidder must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India out of which one should be a Bank having network of minimum 1500 domestic branches.  (In case the bidder has experience in DC & DR separately for any one organization, then the experience shall be taken as two number)	<b>The clause NO. 7 of GEM rfp page no. 4 and clause no. C.2 , page no. 30 of ATC RFP are not matching.</b> <b>We suggest to modify the clause as :</b> <b>Bidder/OEM</b> must have experience in Supply, Installation/ Commissioning & Support for Network Infrastructure (Hardware of the OEM whose products are quoted under this RFP) of -2- numbers of Data Centre or Disaster Recovery Centre for a period of last -5- <b>3</b> Years (as on RFP date) in Public Sector Banks/ Commercial Banks/ Financial Institutions/ Government Organizations/Public Sector Undertakings (PSUs)/ Telecom sector in India/ <b> Private Companies</b> <del>out of which one should be a Bank having network of minimum 1500 domestic branches.</del>  (In case the bidder has experience in DC & DR separately for any one organization, then the experience shall be taken as two number)	Published as part of Addendum 1

**Annexure A**  
**Pre-bid queries response as part of Addendum 1**  
**Bank's clarification on Pre-bid Queries from Prospective Bidders for RFP: Supply, Installation and Maintenance of Network and Firewall devices at BoB sponsored RRB DC/DR (Bid no. GEM/2023/B/3471981 dated 22<sup>nd</sup> May 2023)**

185	A. Eligibility Bid Evaluation	Bidder should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.	<b>The clause NO. 7 of GEM rfp page no. 4 and clause no. C.2 , page no. 30 of ATC RFP are not matching.</b> <b>We suggest to modify the clause as :</b> <b>Bidder/OEM</b> should have successfully Supplied, Installed/ Commissioned & Supported Network Infrastructure (Hardware of the OEM, whose products are quoted under this RFP) at minimum -2- numbers of TIER-III Data Centers / Disaster Recovery Centers (Data Center/ Disaster Recovery Center of single Organization will be considered as one Order) running in India, during last -5- 3 Years (as on RFP date) and with a contract value of minimum Rs. 3 Crore on each work.	Published as part of Addendum 1
-----	-------------------------------	---	--	---------------------------------