



TENDER DOCUMENT
FOR
Upgradation of Existing Network Infrastructure for Data center &
Disaster Recovery Site.

Reference Number: **MSCB/ITD/NWD/ 70 /2026-27** dated

सहकारातून समृद्धी

Cost of the Tender Document:

Rs.10,000/- plus GST (Rupees Ten Thousand Only) per copy.

Maharashtra State Co-operative Bank Ltd

Sir Vithaldas Thackersey Smruti Bhavan,9, Maharashtra Chamber of Commerce Lane,
Fort Mumbai 400001.

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1. Tender Highlights: Tender Highlights:

Document Reference	MSCB/ITD/NWD/ 70 /2026-27 dated 24.06.2026
Price of Tender Document	Rs. 10,000 /- plus GST @18% by NEFT Only
EMD Amount	Rs. 1,00,000/- by NEFT Only
Date of Commencement of Sale of Document	24.06.2026
Last date of submitting Pre-Bid Queries	01.07.2026
Date of Pre-Bid Meeting (Only those Bidders can participate who have purchased tender document)	03.07.2026
Last date of submission	15.07.2026 till 05:00 pm
Date of Technical Bid Opening	Will be communicated to bidder by email.
Date of Financial Bid Opening	Will be communicated to bidder by email.
Address for Communication	Manager, IT Department, Maharashtra State Co-operative Bank Limited, Sir Vithaldas Thackersey Smruti Bhavan, 9, Maharashtra Chamber of Commerce Lane, Fort, Mumbai 400001.
Contact Telephone Numbers	022-69801074 / 75
Email	shekhar.matekar@msc.bank.in virendra.zore@msc.bank.in ; mayur.aher@msc.bank.in ; vishal.pandey@msc.bank.in shamali.tonape@msc.bank.in

Terms and Conditions, eligibility criteria and procedure for submission of Bids are given in the tender document. The Tender document may be obtained by paying a non-refundable fee of Rs. 10,000/- (Rupees Ten Thousand only) plus GST @18% in NEFT Account No 0002116900000003 (IFS Code – MSC10082002, title of account – “EMD for Purchase of IT Products”). The same can also be downloaded from the official website of **MSCB** (msc.bank.in) and may be submitted along with non-refundable fee of Rs 10,000/- (Rupees Ten Thousand only) plus GST @18% in NEFT Account No 0002116900000003 (IFS Code – MSC10082002, title of account – “EMD for Purchase of IT Products”).

Date:

Place: Mumbai

 Dilip Dighe
Managing Director

2. MSC Bank Background:

Maharashtra State Co-operative Bank (hereafter refer as MSC Bank) is a premier co-operative institute at State level established in 1911. It is rendering its services to its increasing number of clientele in more diversified and multifarious bank services and facilities over last 11 decades and has established itself a leader of co-operative movement in the state of Maharashtra. It has been in the process of helping the economic development of rural Maharashtra through its six regional offices and 57 Branches in the State. The main business of the MSC Bank can be classified as direct financing for the District Central Co-operative Banks, Co-operative societies engaged in various fields like Sugar production, Marketing, Spinning Mills, various types of agriculture processing units; direct financing to some State level and National level co-operatives and refinancing through three tier system i.e. MSC Bank at apex level, DCC Banks at middle level and primary agriculture societies at grass root level.

At present the Bank has fully computerized environment with successfully running CBS. The Bank has a co-located Data Center at Airoli, Navi Mumbai and DR site at Bengaluru.

3. Tender Objective:

MSC Bank always aims to maintain and update network security across all its assets. In line with this objective, a tender process is being implemented for MSC bank's Upgradation of Existing Juniper, Array & Fortinet devices to its Network Infrastructure at Data center & Disaster Recovery Site. Accordingly interested bidders are invited to participate in this tender process.

INSTRUCTIONS TO BIDDER:

3.1 PRE-QUALIFICATION CRITERIA (Annexure 1)

Bidder must comply with all below-mentioned criteria (**Annexure 1**). Non-compliance of any of the criteria will entail rejection of the offer summarily. Photocopies of relevant documents / certificates should be submitted as proof in support of the claims made. MSC BANK reserves the right to verify /evaluate the claims made by the bidder independently. Any decision of MSC BANK in this regard shall be final, conclusive and binding on the bidder.

Sr. No.	Criteria	Documents to be submitted as a proof
1	The bidder should be a registered company in India under the Indian companies Act 1956/ companies Act 2013 / Partnership Act and should be in existence for minimum period of two years as on the date of RFP.	Proof, such as Registration/Incorporation Certificate is to be submitted.
2	The bidder should have a minimum of 7 (Seven) years' experience in IT & 4 years in the field of network/Security devices Supply, Installation, Migration, Implementation and Support Business & Cyber Security appliances.	a. Copy of Work order / agreement of the projects (ongoing or completed) to be provided as proof. b. The completion certificate for completed projects may also be furnished, if available.
3	Must have supplied & implemented minimum 5 Palo Alto Firewall, Array Load balancer, Juniper &	Copy of Work order / agreement of the projects (ongoing or completed) to be provided as proof. The completion certificate for completed projects may

	Fortinet switches in last 5 years.	also be furnished, if available.
4	Bidder should have executed at least one single order for supply & implementation of Firewall, Load balancer, core & Tor switches in last 5 years in any of banks/PSU/NBFC/BFSI/Big corporate.	Copy of Work order
5	Bidder should have a fully functional service / support center in Mumbai with certified Technical Support Staff to provide quality service support.	List of centres to be attached These engineers should be on roll or direct contract employees of bidder and not from any franchisee of the bidder. Certificate of staff to be provided
6	Bidder should have sound financial background and should have been making profits for the last 3 years and total turnover of the firm should be minimum of rupees 50 Crores for each year, during last three financial years.	Chartered Accountant (CA) certificate and Audited Balance Sheet and Profit and Loss for past three years.
7	The bidder should have never been blacklisted / barred / disqualified by any regulator / Statutory Body and the bidder/firm is otherwise not involved in any such incident what so ever, where the job undertaken / performed and conducted has been questioned by any authority, which may lead to legal action.	Self-declaration to that effect should be submitted along with the technical bid. On a later date if self-declaration is found to be void it may entail disqualification
8	The Back to Back OEM warranty & services should be 5 Years.	Self-declaration to that effect should be submitted along with the technical bid.
9	Bidder should have valid ISO Certification.	Valid documents to be submitted
10	All Annexures mentioned in RFP documents to be uploaded.	Annexures to be complied and declaration on letter head to be submitted.
11	The Bidder should have MAF from OEM in specified format mention in annexure.	MAFs from respective OEM(s) as per format given in Annexure-H covering each category of equipment need to be enclosed.

3.2 FORMAT FOR TECHNICAL OFFER/TECHNICAL BID

- a. The Technical offer must be made in an organized, structured and neat manner and shall be spiral bound. Booklet / Brochures/ leaflets / Bill of Material etc. should not be submitted in loose form.
- b. Bidder must ensure that all the documents are sealed and signed by the authorized signatory.
- c. The printed copy of Technical bid proposal as given in **Annexure – A to Annexure K, Annexure – 1 to Annexure 2** neatly typed on the letterhead of the bidder company, duly filled in, signed by authorized signatory and complete in all respect including annexure for detailed specifications of equipment's to be supplied etc. as directed.
- d. Other documents to be submitted in the Technical offer are: -
 - a) Index
 - b) Copies of bidder related documents
 - i. Bidder Registration Certificate of relevant authority.
 - ii. Sales Tax Registration Certificate, TAN No. /TIN No.
 - iii. GST Registration Certificate.
 - iv. Audited Balance Sheet and Profit and Loss for past three years.
 - v. IT Returns of last three years.
 - vi. Partners of leading multinational Networking devices.
 - c) Profile, Infrastructure of bidder / Partners, Establishment location – Branches, support and development centers etc.
 - d) Technical Documentation (Product Brochures, leaflets, manuals etc.).
 - e) Detailed Delivery Schedule for supply of Firewall.
 - f) Tentative briefing about the team to be deployed: number, qualifications etc.
 - g) List of customers and services provided. Please attach proofs of the same.
 - h) All Claims made by the bidder will have to be backed by documentary evidence. In case the same is found to be lacking in terms of the claims made, the bidder is liable to disqualification. MSC Bank may request the bidder to demonstrate all the technical functionalities and features (mentioned as 'compliant' in the bidder's technical bid) at the MSCB's discretion. Bidders who cannot show a feature or demonstrate functionality (mentioned as 'compliant' in the bidder's technical bid) will be disqualified
- e. A soft copy (Word/Excel/Power Point) of the entire Technical Bid document along with the Bill of Material (BOM) should also be submitted **on a Pen Drive in the same sealed envelope** along with the hard copy of the Technical Offer excluding Commercial Information.
- f. The Technical Bid submitted in response to this Tender Document along with the supporting material, will become the property of the MSC Bank.

3.3 FORMAT FOR COMMERCIAL OFFER

- a. Rates should be quoted in Indian Rupees (INR) only.
- b. The taxes shall not be quoted in a column as given in the **Annexure E**.

- c. The Commercial offer must not contradict the technical offer in any way.
- d. The suggested format for submission of Commercial offer/Commercial bid is as follows:
 - 1) Index
 - 2) A detail Rate Schedule (as per **Annexure E**).
 - 3) The commercial offer must contain all price information.
 - 4) A Written statement by the authorized signatory that the bidder agrees to the payment schedule & penalties as mentioned in the Chapter 8C Schedule of Payment & 8G penalties.
- e. A soft copy (Word/Excel/Power Point) of the entire Technical Bid document should also be submitted **on a Pen Drive in the same sealed envelope (excluding commercial offer)** along with the Hard Copy of the Technical Offer.
- f. The specifications of the Network Security & Infrastructure Devices for Data center & Disaster Recovery Site are mentioned in Annexure B.

3.4 TWO BID SYSTEM

- a. The offer should be submitted in two (2) separate envelopes and later in one common envelope. The details thereof are as follows:
 - 1) **ENVELOPE-I (Technical Offer):**
 - The Technical Offer (TO) should be completed and complied with in all respects and contains all information/ documents asked for, except commercial offer.
 - The TO should be in strict adherence to the chapter **4.2** and shall include all items as asked for in it.
 - It is mandatory to submit technical details in the prescribed format (**Annexure B**) duly filled in along with the offer.
 - The TO should not contain any commercial offer information.
 - MSC Bank, at its sole discretion, may not evaluate a TO in case of non-submission or partial submission of technical details however technical scrutiny will be performed by adhering the procedure mentioned in the chapter 5 "Evaluation Criteria & Process" of this tender document.
 - 2) **ENVELOPE-II (Commercial Offer):**
 - The Commercial Offer (CO) should give all relevant price information and should not contradict the TO in any manner.
 - The CO should be in strict adherence to the **Chapter 4.3** and shall include all items as asked for in it.
 - CO should be given strictly in the format given as **Annexure E** of the Tender
- b. The Details such as Name, Address and Contact Numbers of the authorized person representing the bidder must be written on all two envelopes.
- c. Pen Drive containing the soft copies of the documents (excluding commercial offer) shall be placed in the respective envelopes.
- d. All two envelopes should be properly sealed.

3.5 GENERAL TERMS & CONDITIONS

- a. The tender document cannot be resold and / or transferred / assigned. If the same is done, tender documents are liable to be summarily rejected by the MSC Bank. Any decision of MSC Bank in this regard shall be final, conclusive and binding on the bidder.
- b. No changes should be made in this tender document. Bidder has a liberty to quote separately for new technical solutions or specifications wherever it is necessary other than general specifications.
- c. The products/services offered should strictly conform to the specifications given in the product literature. The technology proposed/marked for withdrawal from the market or under quality testing should not be offered.
- d. Commercial offers of those bidders will not be processed who are not qualified in the technical scrutiny as laid down in chapter 5.2.
- e. The price quoted by the bidder shall be inclusive of all taxes (tax details such as rate & amount to be elaborated for each item) along with supportive documents to the MSC Bank. However actual tax enforcement at the time of delivery of Network Devices shall apply.
- f. In case of technically qualified bidders with lowest overall price quote, the Bank reserves the right to request the lowest / qualified bidder to match the product wise lowest price of other bidders.
- g. Bidder should ensure efficient , effective & timely supply of Network Devices at DC & DR site as well as to ensure smooth operations of the complete system during the entire project life, the prospective bidder will be required to work in collaboration from the beginning of the project with the MSC Bank appointed Information Technology Consultant and Network Security Engineers.
- h. The bidder shall be responsible for the complete successful migration of existing DC/DR to new DC/DR.

A. EARNEST MONEY DEPOSIT

- i. Bidder shall deposit as part of its bid, EMD of Rs 1,00,000/- (Rs One lakh Only) electronically in NEFT Account No 0002116900000003 (IFS Code – MSC10082002, title of account – “EMD for Purchase of IT Products”) as EMD.
- ii. Unsuccessful bidder's EMD will be discharged within thirty (30) days from the Tender Award date.
- iii. No interest will be payable on EMD.

iv. Tender made without paying EMD will be rejected. Any decision of MSC BANK in this regard shall be final, conclusive and binding on the bidder.

v. **EMD may be forfeited:**

- If the bidder withdraws its bid during the period of bid validity.
- If bidder makes any statement or encloses any form which turns out to be false, incorrect and/or misleading at any time prior to signing of contract and/or conceals or suppresses material information; and / or
- In case of the successful bidder, if the bidder fails:
 - ✓ To sign the contract in the form and manner to the satisfaction of MSC Bank
 - ✓ To furnish performance security in the form and manner to the satisfaction of MSC Bank
- In case the successful bidder complies with the requirement mentioned above, EMD will be returned within 30 days of compliance thereof.

i. **PRE BID MEETING:**

There will be a pre-bid meeting with all the bidders, to address any queries in connection with the tender document. It is essential that all clarifications / queries to be submitted to the MSC Bank before the pre-bid date or the date specified for this purpose by email to:

shekhar.matekar@msc.bank.in

virendra.zore@msc.bank.in;

mayur.aher@msc.bank.in;

vishal.pandey@msc.bank.in

shamali.tonape@msc.bank.in

Only those bidders can participate pre-bid meeting who purchased the document.

j. **PERIOD OF VALIDITY OF BID:**

- 1) **Validity Period:** Bids shall remain valid for Sixty (60) days after the date of opening of commercial offer as prescribed by MSC Bank.
- 2) **Extension of Period of Validity:** Under exceptional circumstances, the MSC Bank may solicit the bidder's consent to an extension of the validity period. The request and the response thereto shall be made in writing. Extension of validity period by the bidder should be unconditional and irrevocable. EMD provided shall also be suitably retained further. A bidder may refuse the request without forfeiting the EMD. A bidder granted the request, will not be permitted to modify the commercial offer. The decision of MSC Bank in this behalf will be final, conclusive and binding on the bidder.

k. **MODIFICATION AND WITHDRAWAL OF OFFERS/BID:**

Bidder may modify or withdraw its bid/offer after its submission, provided that written notice of the modification or withdrawal is received by the MSC Bank prior to the closing date and time prescribed for submission of tender document. No offer can be modified

or withdrawn by the bidder, subsequent to the closing date and time for submission

of tender document.

I. PRELIMINARY SCRUTINY:

MSC Bank will scrutinize the offers/bids to determine whether they are complete, whether any errors have been made in the offer/bid, (whether required technical documentation has been furnished, whether the documents have been properly signed, and whether items are quoted as per the schedule.) as per procedure mentioned in the chapter 5 and also mentioned in the appropriate chapters of this tender document.

m. CLARIFICATION OF OFFERS/BIDS:

To assist in the scrutiny, evaluation and comparison of offers/bids, the MSC Bank may, at its sole discretion, ask some or all bidder for clarification of their offer/bid wherever required. The request for such clarifications and the response will necessarily be in writing and no change in the price or substance of the bid shall be sought, offered or permitted. Any decision of the MSC Bank in this regard shall be final, conclusive and binding on the bidder.

n. SIGNING OF THE BID:

The bid shall be signed by a person or persons duly authorized by the bidder with signature duly attested. In the case of a body corporate, the bid shall be signed by the duly authorized officers and supported by internal corporate authorizations.

o. ERASURES OR ALTERATIONS:

The offers/bids containing erasures or alterations will not be considered. There should be no hand-written material, corrections or alterations in the offer/bid. Technical details must be completely filled up. Correct technical information of the product being offered must be filled in. Filling up of the information using terms such as "OK", "accepted", "noted", "as given in brochure/manual" is not acceptable. MSC Bank may treat offers/bids not adhering to these guidelines as unacceptable. The bid form and the documents attached to it shall not be detached or removed one from the other and no alteration (s) or mutilation (s) (other than filling in all the blank spaces) shall be made in any of the bid documents attached thereto. Any alterations or changes to the entries in the attached documents shall be made by a separate covering letter, in the absence of which it shall be rejected forthwith. Any decision in this regard by MSC Bank shall be final, conclusive and binding on the bidder.

p. COST OF PREPARATION & SUBMISSION OF BID:

The bidder shall bear all costs for the preparation and submission of the bid. MSC Bank shall not be responsible or liable for reimbursing/compensating these costs, regardless of the conduct or outcome of the bidding process.

q. ARITHMETICAL ERRORS:

MSC Bank reserves the right to adjust arithmetical or other errors in the bid, in the manner in which MSC Bank considers appropriate or deem fit. Any adjustments so

made by the MSC Bank shall be stated to the bidder, if MSC Bank makes an offer to accept his

bid. The final decision as to any error manifest or otherwise shall be at the sole discretion of MSC Bank and be final, conclusive and binding on the bidder.

r. LANGUAGE:

The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and MSC Bank and supporting documents and printed literature shall be in English.

s. BID REJECTION CRITERIA:

The bid(s) will be rejected in case of any one or more of the following conditions:

- i. Bids are not substantive and not in strict compliance with the pro-forma given in this document.
- ii. Bids are not made in compliance with the procedure mentioned in this document.
- iii. Failure on part of the bidder to provide appropriate information as required in the bid proposal or any additional information as requested by the Bank including any supporting document.
- iv. Incomplete or conditional bids or partly quoted bids or bids that do not fulfill all or any of the conditions as specified in this document.
- v. The submission of more than one bid under different names by one bidder is not acceptable. If the same is found at any stage, all the bids by that bidder and related partners will be rejected.
- vi. Material inconsistencies in the information submitted.
- vii. Misrepresentations in the bid proposal or any supporting documentation.
- viii. Bid proposal received after the last date, time and submission mode specified in this document.
- ix. Bids found in unsealed cover, unsigned bids, bids signed by unauthorized person and alterations made by over writing /scratching in the bids.
- x. Bids containing erasures or overwriting except as necessary to correct typographical errors made by the bidder, in which case such corrections shall be authenticated by the person or persons signing the bid.
- xi. Any threat or communication to the bank officials or Consultant for marketing of any bidder name.

t. DISCLAIMERS AND EXCLUSIVE RIGHTS OF THE MSC BANK:

- 1) Any decision as to compliance of the terms and conditions of the tender document and on rejection of any tender document or any part thereof shall be at the sole discretion of MSC Bank and shall be final, conclusive and binding on the bidder.
- 2) At any time, up to the last date of receipt of Bids, the MSC Bank may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Tender Document by an amendment. All

such amendments shall be binding on the entire bidder. The bank shall inform such amendments to all the bidders only by e-mail on the PROVIDED Email ID by the bidder.

In order to afford prospective bidder reasonable time to take the amendment into account in preparing their Bids, the Bank may, at its discretion, extend the last date for the receipt of Bids and date of opening the bids which shall be conveyed to all the bidder only by e-mail on the PROVIDED Email ID by the bidder.

- 3) MSC Bank reserves the right to accept or reject in part or full any or all the offers without assigning any reasons thereof. Any decision of MSC Bank in this regard shall be final, conclusive and binding on the bidder.
- 4) MSC Bank reserves the right to re-issue the tender and or any part thereof without assigning any reason whatsoever, at the sole discretion of MSC Bank. Any decision in this regard shall be final, conclusive and binding on the bidder.
- 5) MSC bank reserves the right to give negative marks or disqualify in case if bank noticed the pricing quoted purposely low to get the tender award. In such situation bank may compare, evaluate the pricing quoted by the other bidders and arrived at appropriate decision for maintaining the banks interest by selecting the qualified bidder.
- 6) MSC Bank reserves the right to accept or reject any bid in part/full or annul the bidding process and reject all bids at any time prior to award of contract without assigning any reason, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the ground for its action. Any decision of the Bank in this regard shall be final, conclusive and binding on the bidder.
- 7) MSC Bank reserve the right, not an obligation, to carry out the capability assessment of the bidder (with the help of outside agency, if required) and pre-dispatch inspections at the cost of the bidder. The Bank's decision shall be final in this regard.
- 8) MSC Bank reserves a right to give minor deviations to any / the entire bidder in the techno-commercial specifications of bid. Any decision of the Bank in this regard shall be final and shall be binding on the bidder.
- 9) In case, any difference of opinion between bidder and the Bank about any term / clause / condition, the interpretation of the Bank shall be final and conclusive.
- 10) Right to alter quantities: The Bank reserves the right to issue Purchase Order in phases or to alter the quantities/brand/product specified in the offer. The Bank also reserves the right to delete one or more items from the list of items specified in offer. Any decision of the Bank in this regard shall be final, conclusive and binding on the bidder without any recourse.
- 11) No commitment to accept lowest or any offer/bid: MSC Bank shall be

under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers without assigning any reason whatsoever. MSC Bank has the right to re-issue tender/bid. MSC Bank reserves the right to make any changes in the terms and conditions of purchase that will be informed to all bidders. MSC Bank will not be obliged to meet and discuss with any bidder, and/or to listen to any representations once their offer/bid is rejected. Any decision of MSC Bank in this regard shall be final, conclusive and binding on the bidder without any recourse.



सहकारातून समृद्धी

MSC BANK
SCHEDULED BANK

4. SCOPE OF THE ENTIRE PROJECT

The bidder has to submit his offer. The purpose of RFP is to shortlist bidder for supply, installation, configuration & implementation of Existing Network Infrastructure for Data center & Disaster Recovery Site. Bank expects the bidder to provide end to end migration, implementation, go-live and best in class support for Existing Network Infrastructure for Data center & Disaster Recovery Site with competitive pricing which meets the highest industry standards to new services as per the technical specifications of the server given separately for the MSC Bank, at its data center at Airoli, Navi Mumbai and disaster recovery site at Bengaluru on a comprehensive onsite warranty for 5 years.

Delivery Location	Billing address
Data Center: ESDS Software Solutions Ltd. 201 & 202, A&B Wing, 2nd Floor, Reliable Tech Park, Central Rd N, Gavate Wadi, MIDC Industrial Area, Airoli, Navi Mumbai, Maharashtra 400708.	Head Office: Maharashtra State Co-Op Bank Ltd., Sir Vithaldas Thackersey Smruthi bhavan, 9, Maharashtra Chamber of Commerce Lane, Fort, Mumbai - 400 001.
DR Site: ESDS Software SOLUTION LTD., New STPI Building, Cyber park, 1st floor, EleAdvance Expert Care Supportonic city, Hosur Road, Plot no. 76 & 77, EleAdvance Expert Care Supportonics City Phase 1, Bengaluru, Karnataka- 560100	

5. STEPS INVOLVED IN THE PROJECT

- **INITIATION:**

The following Phases are included in project:

1. Installation of New Network Infrastructure at Data center & Disaster Recovery Site.

1.1 PHASE 1: Bidder should install new security devices, network devices in Bank's existing environment at DC & DR sites as a parallel setup after which connectivity and communication between New and Existing setup should be implemented.

1.2 PHASE 2: Bidder should migrate all devices and finalize complete executions for the same.

2. Bidder must provide Manufacturer comprehensive Warranty, Support for 5 years from successful installation. Also, User Manuals or Operation Manuals for Upgradation of Existing Network Infrastructure at Data center & Disaster Recovery Site is a must.

- **RESPONSIBILITIES OF SELECTED BIDDER**

- a. **Supply, Installation, Configuration and migration**

- a. The bidder must provide details of the installation, migration, configuration, support and maintenance to the Bank.
- b. The Bidder shall deliver all the network devices items complying with prescribed technical specifications along with necessary accessories, licenses and software/ tool for status reporting and management of respective items.
- c. The bidder shall install, configure and integrate the items and resolve issues, if any, with Bank's existing network viz. LAN/WAN/DMZ/SAN etc.
- d. In case of Network Devices, bidder shall:
 - ✓ Upgrade latest firmware/Patches.
 - ✓ Help the Bank in resolving any device drivers related issues encountered while.
- e. Submission of Installation Certificate as per format prescribed in tender, duly signed by the Bank.
- f. Post installation, bidder should submit Configuration Document to Bank like LLD and HLD, Complete inventory with asset tagging and labeling and a flow document for data flow through the whole infrastructure setup.
- g. **Existing Juniper QFX5120-48Y Switches will be continued. In accordance to this Bank would request to add the support licenses for Existing Juniper Switches as per new procured network devices (Juniper Switches).**
Existing Juniper Switch Details: - QFX5120-48Y.
- h. **Bidder has to arrange for temporary Expansion Module specified in ANNEXURE-E point no. 3 in Phase 1 migration of Juniper Switch's without an extra cost.**

b. Training & Knowledge Transfer

- a. The selected Bidder will ensure knowledge transfer to the Bank at every stage of the project to enable the Bank to carry out the work as specified in this RFP in future after completion of this assignment.
- b. Submit detailed architecture for implementation / Integration with existing Bank infrastructure for entire solution in a phase wise manner.
- c. The bidder has to provide training to Bank officials and onsite support staff for using the propose network security devices.
- d. The bidder should provide all Network devices related manuals such as Administration manuals, User/ Operational manuals or any other SOP document which shall be used by Bank for maintenance and smooth day to day operations.

c. Shifting

- a. The Bank may, during the warranty/AMC period, shift the equipment to other location(s) within the Country. The bidder needs to ensure that the OEMs warranty / AMC is valid across India. Further, bidder undertakes to continue to provide warranty/AMC and maintain/support the goods at the new location. The charges towards physical shifting would be borne by the Bank.
- b. Bidder will be informed about old and new location/office details as and when the Bank decides to shift the network security devices due to operational/ business requirements. Bidder will deploy resource(s) for decommissioning of respective equipment at old location and Commissioning of the same at new location at no additional cost.

d. Warranty:

- a. The offer must include a minimum Comprehensive Warranty, Support & Services for onsite Manufacturer's warranty of 5 (Five) years from the date of successful installation and acceptance of all the network security devices by the MSC Bank.
- b. Bidder shall be fully responsible for the manufacturer's warranty in respect of proper design, quality workmanship and subscription of all equipment accessories etc. covered by the tender. Bidder must warrant all equipment's, accessories, spare parts etc. against any manufacturing defects during the warranty period. During the warranty period bidder shall maintain the systems and repair / replace at the installed site, at no charge to the MSC Bank, all defective components within definite time to not to hamper continuity of the Banks business to minimize downtime.
- c. Warranty should not become void if the MSC Bank buys any other supplemental equipment's from a third party and installs it with / or within these machines. However, the warranty will not apply to such third-party items installed by the MSC Bank.

• RESPONSIBILITIES OF THE BANK:

- a. The Bank shall provide space / infrastructure, related equipment and components etc. On day to day basis the officials of the Bank shall assist engineers deputed by the bidder for the job in their capacity.

- b. The Bank will provide the updated requirement / data for implementation from time to time.

- **TIME PERIOD FOR COMPLETION**

- a) The time line for completion of the project shall be maximum **8 weeks** from the date of issue of purchase order and further can be mutually decided with the selected bidder with sufficient reasons for extending the time line.
- b) The project will be deemed complete only when all the solutions and items as per the contract are delivered in good condition, installed, implemented along with the associated documentation and training provided to Bank's employees; as per the requirements of the contract executed between the Bank and the bidder. After the successful installation/implementation of the solutions, a User Acceptance Test Report and Business User Test Report will be released by the Bank which is a precondition for the release of payment to the bidder.
- c) The delivery period would be within **6 weeks** from the date of PO.

G. SECURITY AND COMPLIANCES:

- a) The bidder shall ensure that the entire IT infrastructure to be provided in response to this tender shall be in conformity with the requirements of applicable provisions of Information Technology Act, 2000 and related amendments to the act, Reserve Bank of India guidelines and other statutory and regulatory authorities.
- b) The bidder shall assist the Bank in planning for security and related authorization, registration, and audit capabilities.
- c) Bidder shall use the system access granted by the Bank only to the extent necessary to perform the Services.
- d) Bidder shall notify the Bank of any security violations & license requirement / action required from the Bank.
- e) Bidder shall agree not to share, leak, copy, reproduce, sell or damage or use the Bank's data to anywhere other than notifying Bank in writing having written approval from Bank Authority. In case of such experiences during the implementation or after the post implementation in future, the contract will be terminated with immediate effect by issuing notice in writing.

6. Evaluation Criteria Process and Post Selection Instructions, Terms & Conditions

Bidder evaluation and selection would be done based on a comprehensive Techno Commercial Evaluation.

1. The Bank has adopted a two (2) bid process in which the Bidder has to submit following bids in separate envelopes at the time of submission of bids as stipulated in this document.

b) Technical Bid

c) Commercial Bids

2. The Bank shall evaluate first the 'Minimum Eligibility/ Pre-Qualification Criteria' and based on its evaluation, 'Technical Bids' shall be undertaken for evaluation at the second stage. 'Commercial bids' shall be opened for only the shortlisted bidders out of technical evaluation. The final selection will be done based on Techno-commercial evaluation.
3. Evaluation criteria proposed to be adopted will be Quality cum Cost Based System (QCBS) where **Technical Bid** Score will get a weightage of **70%** and **Commercial Bid** Score a weightage of **30%**.
4. The evaluation by the Bank will be undertaken by a committee of officials or/and representatives formed by the Bank and its decision will be final.

A. Short-listing of bidder

1. The general criteria for selection shall be as below but subject to change and its sole discretion of Bank:
 - i. Technical Evaluation: 70% for qualify.
 - ii. Commercial Evaluation: 30%

As per bank policy this tender category is in general supplies. After qualification is done the selection of bidder will be purely on commercial evaluation only.

2. Technical Evaluation:

MSC BANK will prepare a short-list of technically qualified bidders who scores minimum, 50 marks in technical scrutiny. Commercial offers/bids of only those bidders will be opened who qualify in the technical scrutiny.

2.1 The marks for Technical Evaluation would be as per **Annexure 2**

3. Commercial Evaluation:

In this lowest bidder shall be allotted maximum 100 marks and accordingly other bidders will be allotted marks in proportion to the lowest bidder.

- a. The commercial bid shall be opened only for technically shortlisted bidders.

- b. The Bank reserves the right to contact any bidder, Client/Bank for clarification or information submitted, to contact current and past customers of the bidder and to use other sources of obtaining information regarding the bidder, which may be deemed appropriate and would assist in the evaluation
- c. Bank reserves the right to determine selection process. The Bank in its best interest also reserves the right to reject/modify the proposed product/solution even after short listing.
- d. Bidder, in their proposal, must address any exceptions or alternate offerings to this tender if any. The Bank has attempted to provide information herein to assist Bidder to respond properly to this tender. However, it is not intended to limit a proposal's content or to exclude any relevant or essential data there from. Bank reserves the sole right to determine what is considered to be "equivalent" or "equal".

B. Statutory Requirements and Right of inspection.

The Contract will be executed by abiding laws and the directives, instructions, guidelines issued by the Regulators and competent authority from time to time. During the tenure of the Contract nothing shall be done by the bidder in contravention of any law, act and/ or rules/regulations, there under or any amendment thereof governing inter-alia customs, foreign exchange, etc., and shall keep the MSC BANK indemnified in this regard.

C. SCHEDULE OF PAYMENT:

The generic payment schedule with the finalized bidder shall be as follows:

- **70%** of the order value will be paid on Delivery of the Network Security & Infrastructure Devices, NDA and execution of Service Level Agreement (SLA).
- **10%** of the order value will be paid on successful completion of Phase 1 installation / Implementations. The MSC Bank will make this payment against the sign off acceptance of the installations / Implementations.
- **10%** of the order value will be paid on successful Implementation of Phase 2 / final Implementation and sign off.
- **10%** will be paid against a performance bank guarantee (as per the format prescribed by the MSC Bank) for the network devices value, valid for 5 (Five) years warranty period. (Annexure J)

OR

10% of the total order value shall be paid upon submission of a FIXED DEPOSIT for 5 years. The Bank will hold the fixed deposit as security against PBG. Bidder need to submit the duly discharge FDR along with signature and seal. The Bank will place a lien on the FDR and reserves the right to offset any amount due under the agreed performance.

- Bank reserves the rights to withheld payment if the bidder fails to comply with the tender terms & conditions & adhere to the time line mentioned in the appropriate chapter of the tender document.

D. RATES

The rates quoted shall remain firm throughout the period of contract and this contract will remain valid up to the date of completion of the job by the bidder and shall not be subject to any upward modification whatsoever.

E. TAXES AND DUTIES

The applicable taxes should be mentioned separately and shall have to be included separately in the invoices by the selected bidder.

Variation (+/-) in rate of tax if any will be on the Banks accounts.

F. PERFORMANCE GUARANTEE:

The selected bidder shall furnish unconditional and irrevocable Bank Guarantee for 10% of the order value, for a period of 5 years in favor of MSC Bank, from a scheduled commercial bank acceptable to MSC Bank towards due performance of the contract in accordance with the specifications and conditions of the bid document mentioned in paragraph C. (3) above.

The bidder shall submit the above guarantee within 60 days from the effective date (the date of acceptance of the order). The contract performance guarantee shall be kept valid for 5 (Five) years till the completion of the Guarantee/Warranty period. The guarantee should have additional claim period of three months after expiry of guarantee.

G. PENALTIES:

For any delay in installation and commissioning of the Network Security & Infrastructure Devices within specified schedule, the MSC Bank will charge penalty @ 0.5% of the order value per week or part thereof, subject to maximum of 5%. Bidder must repair any equipment that is reported to be down within next 24 Hrs. from the time of reporting. In case bidder fails to meet the above standards of maintenance, there will be a penalty as specified in the table as under:

Sr. No.	Name of Component	Amount in Rs.
1	Palo Alto Firewall	5,000/-
2	Array Load balancer	5,000/-
3	Juniper Switch	5,000/-
4	Fortinet Switch	5,000/-

The original machine should replace the temporary substitute machine or equipment duly repaired within a week's time, failing which the above penalty will be imposed for the number of days exceeding one week.

H. INSURANCE:

The Bank will not pay for any insurance charges against loss or damage of whatsoever nature in respect of Network devices, employee of the bidder or third-party contract working for the bidder. The bidder shall be responsible for the same and expectation of

providing required insurance is necessity whenever and wherever required.

I. FORCE MAJEURE DURING THE PENDENCY:

Force Majeure is herein defined as any cause, which is beyond the control of the selected bidder or MSC Bank as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

1. Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics.
2. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos.
3. Terrorist attack, public unrest in work area.

Provided either party shall within 10 days from occurrence of such a cause, notify the other in writing of such causes. The bidder or MSC Bank shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above. Any delay beyond 30 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality and dispute resolution mechanism survive termination of the contract.

J. CONFIDENTIALITY

Bidder agrees that they shall hold in trust any Information received by them, under the Contract/Agreement, and the strictest of confidence shall be maintained in respect of such Information. Bidder also agrees:

1. To maintain and use the Information only for the purposes of the Contract/ Agreement and only as permitted by MSC Bank;
2. To only make copies as specifically authorized by the prior written consent of MSC Bank and with the same confidential or proprietary notices as may be printed or displayed on the original;
3. To restrict access and disclosure of Information to such of their employees, agents, strictly on a "need to know" basis, to maintain confidentiality of the Information disclosed to them in accordance with this Clause
4. To treat all Information as confidential.

Confidential Information does not include information which:

1. Bidder knew or had in its possession, prior to disclosure, without limitation on its confidentiality;
2. Is independently developed by the bidder without breach of the Contract/Agreement;
3. Information in the public domain as a matter of law;
4. Is received from a third party not subject to the obligation of confidentiality with respect to such information;
5. Is released from confidentiality with the written consent of the MSC Bank.

Bidder shall have the burden of proving that Clauses (1) or (2) above are applicable to the information in the possession of the bidder. Notwithstanding the foregoing, the bidder acknowledge that the nature of the Service(s) to be performed under the Contract/Agreement may require the bidder's personnel to be present on premises of MSC Bank /Purchaser or may require the bidder's personnel to have access to computer networks of MSC Bank while on or off premises of MSC Bank. It is understood that it would be impractical for MSC Bank to monitor all information made available to the bidder under such circumstances and to provide notice to the bidder of the confidentiality of all such information. Therefore, the bidder agrees that any technical or business or other information of the bidder that the bidder's personnel, or agents acquire while on the MSC Bank 's premises, or through access to MSC Bank 's computer systems or databases while on or off MSC Bank 's premises, shall be deemed Confidential Information. Confidential Information shall at all times remain the sole and exclusive property of MSC Bank. Upon termination of the Contract /Agreement, Confidential Information shall be returned to MSC Bank or destroyed, if incapable of return. The destruction shall be witnessed and so recorded, in writing, by an authorized representative of each of MSC Bank and the bidder. Nothing contained herein shall in any manner impair rights of MSC Bank in respect of the Service(s), and Documents, etc.

In the event that MSC Bank hereto becomes legally compelled to disclose any Confidential Information, the bidder shall disclose to a third party any Confidential Information without the prior written consent of MSC Bank. The obligations of this Clause shall be satisfied by handling Confidential Information with the same degree of care, which the receiving Party applies to its own similar confidential information but in no event less than reasonable care.

The provision of this clause shall survive termination of the Contract till such Confidential Information enters public domain.

The Successful Bidder shall treat all documents, information, data and communication of and with Purchaser as privileged and confidential and shall be bound by the terms and conditions of the Non-Disclosure Agreement. The Successful Bidder shall execute Non-Disclosure Agreement simultaneously at the time of execution of this Contract. The Successful Bidder shall not, without Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, sample or information or data or drawings / designs furnished by or on behalf of Purchaser in connection therewith, to any person other than a person employed by the Bidder in the performance of the Contract. Disclosure to any such employed person shall be made in utmost confidence and shall extend only so far as may be necessary and relevant for purpose of such performance and shall be subject to the terms and conditions of the Non-Disclosure Agreement. The Bidder shall not, make use of any document, data or information etc., enumerated in this Bid Documents save and except for due performance and observance of the Contract. Any document, enumerated in this Bid Documents shall remain the property of Purchaser and shall be returned (in all copies) to Purchaser on completion of the Bidder's performance under and in accordance with the Contract, if so required by Purchaser. The winner of this BID shall sign the Non-Disclosure Agreement at the time of execution and shall treat all information of the Purchase order including BOM, design, services, commercial value and terms as confidential and shall not share with any 3rd party including OEM and shall not use as ref for any other tenders in future.

K. TERMINATION OF CONTRACT

The Bank shall be entitled to terminate the agreement with the bidder at any time by giving 30 days (Thirty days) written notice in advance to the bidder.

L. EFFECT OF TERMINATION

- a. Bidder agrees that it shall not be relived of its obligations under the reverse transition mechanism notwithstanding the termination of the assignment
- b. Bidder agrees that after completion of the term or upon earlier termination of the assignment the bidder shall, if required by the bank continue to provide maintenance services to the Bank at no less favorable terms than those contained in this tender

M. Ownership and Retention of Documents

- a. MSC Bank shall own the documents, prepared by or for the bidder arising out of or in connection with the Contract.
- b. Forthwith upon expiry or earlier termination of the Contract and at any other time on demand by MSC Bank, the bidder/ shall deliver to MSC Bank all documents provided by or originating from MSC Bank / Purchaser and all documents produced by or from or for the bidder in the course of performing the Service(s), unless otherwise directed in writing by MSC Bank at no additional cost.
- c. Bidder shall not, without the prior written consent of MSC Bank / Purchaser store, copy, distribute or retain any such Documents. Bidder shall preserve all documents provided by or originating from MSC Bank /Purchaser and all documents produced by or from or for the bidder in the course of performing the Service(s) in accordance with the legal, statutory, regulatory obligations of MSC Bank / Purchaser in this regard.

N. ARBITRATION

All disputes, differences, claims and demands arising under or pursuant to or touching the contract shall be referred to the sole arbitrator to be appointed by the bank. The award of the sole arbitrator shall be final and binding on both the parties under the provisions of the Arbitration and Conciliation Act or by statutory modification/re-enactment thereof for the time being in force. Such arbitration shall be held at Bank's head office located in Mumbai in Maharashtra state.

O. JURISDICTION OF COURTS

Bidder will abide by all applicable Indian laws and regulations and will obtain (or demonstrate current possession of) any and all permits, licenses, certifications or other approvals that may be required and/ or appropriate for performing services hereunder. The laws of India will govern any agreement resulting from this tender. In all matters and disputes arising there under, the appropriate Courts at Mumbai in Maharashtra state only shall have the jurisdiction to entertain and try them.

P. REPRESENTATIONS AND WARRANTIES

In order to induce MSC Bank to enter into the Contract, bidder hereby represents and warrants as of the date hereof, which representations and warranties shall survive the term and termination hereof, the following:

1. That the bidder/ has the requisite qualifications, skills, experience and expertise in providing Service(s) contemplated hereunder to third parties, the technical know-how and the financial

- wherewithal, the power and the authority to enter into the Contract and provide the Service(s) sought by MSC Bank / Purchaser.
2. That the bidder is not involved in any major litigation, potential, threatened and existing, that may have an impact of affecting or compromising the performance and delivery of Service(s) under the Contract/Agreement.
 3. That the representations made by the bidder in its bid are and shall continue to remain true and fulfill all the requirements as are necessary for executing the duties, obligations and responsibilities as laid down in the Contract/Agreement and the Bid Documents and unless MSC Bank / Purchaser specifies to the contrary, the bidder shall be bound by all the terms of the bid.
 4. That the bidder has the professional skills, personnel and resources/ authorizations that are necessary for providing all such Services as are necessary to perform its obligations under the bid and this Contract/Agreement.
 5. That the bidder shall ensure that all assets including but not limited to software, licenses, Databases, documents, etc. developed, procured, deployed and created during the term of the Contract are duly maintained and suitably updated, upgraded, replaced with regard to contemporary and statutory requirements.
 6. That the bidder shall use such assets of MSC Bank as the Bank may permit for the sole purpose of execution of its obligations under the terms of the bid, Tender or the Contract. The bidder shall however, have no claim to any right, title, lien or other interest in any such property, and any possession of property for any duration whatsoever shall not create any right in equity or otherwise, merely by fact of such use or possession during or after the term hereof.
 7. That the bidder shall procure all the necessary permissions and adequate approvals and licenses for use of various software, for Firewall to be supplied and any copyrighted process/product free from all time claims, titles, interests and liens thereon and shall keep MSC Bank indemnified in relation thereto.
 8. That all the representations and warranties as have been made by the bidder with respect to its bid are true and correct, and shall continue to remain true and Applicable only in case bidder is a bidder within the meaning of Companies Act, 1956 correct through the term of the Contract.
 9. That the execution of the Service(s) herein is and shall be in accordance and in compliance with all applicable laws.
 10. That the bidder has the corporate power to execute, deliver and perform the terms and provisions of the Contract and has taken all necessary corporate action to authorize the execution, delivery and performance by it of the Contract.
 11. That all conditions precedent under the Contract has been complied.
 12. That neither the execution and delivery by the bidder of the Contract nor the bidder's compliance with or performance of the terms and provisions of the Contract (i) will contravene any provision of any applicable law or any order, writ, injunction or decree of any court or governmental authority binding on the bidder or (ii) will conflict or be inconsistent with or result in any breach of any or the terms, covenants, conditions or provisions of, or constitute a default under any agreement, contract or instrument to which the bidder is a party or by which it or any of its property or assets is bound or to which it may be subject or (iii) will violate any provision of the Memorandum and Articles of Association of

the bidder.

13. That all registrations, recordings, filings and notarizations of the Contract and all payments of any tax or duty, including without limitation stamp duty, registration charges or similar amounts which are required to be effected or made by the bidder which is necessary to ensure the legality, validity, enforceability or admissibility in evidence of the Contract have been made.
14. That the bidder confirms that there has not and shall not occur any execution, amendment or modification of any agreement/contract without the prior written consent of MSC Bank, which may directly or indirectly have a bearing on the Contract or Service(s).
15. That the bidder owns, has license to use or otherwise has the right to use all Intellectual Property Rights, which are required or desirable for the Service(s) and the bidder does not, in carrying on its business and operations, infringe any Intellectual Property Rights of any person. None of the Intellectual Property or Intellectual Property Rights owned or enjoyed by the bidder or which the bidder is licensed to use, which are material in the context of the bidder's business and operations are being infringed nor, so far as the bidder is aware, is there any infringement or threatened infringement of those Intellectual Property or Intellectual Property Rights licensed or provided to the bidder by any person.
16. All Intellectual Property Rights (owned by the bidder or which the bidder is licensed to use) are valid and subsisting. All actions (including registration, payment of all registration and renewal fees) required to maintain the same in full force and effect have been taken thereon and shall keep MSC Bank /Purchaser, its directors, officers, employees, agents, representatives and consultants indemnified in relation thereto.

Q. CANCELLATION OF THE CONTRACT & COMPENSATION

MSC Bank reserves the right to cancel the contract placed on the selected bidder and recover expenditure incurred by MSC Bank under the following circumstances: -

1. Bidder commits a breach of any of the terms and conditions of the bid.
2. Bidder goes into liquidation, voluntarily or otherwise.
3. An attachment is levied or continues to be levied for a period of seven days upon effects of the bid.
4. The progress regarding execution of the order accepted, made by the selected bidder is found to be unsatisfactory.
5. If deductions on account of liquidated damages exceeds more than 5% of the total contract price.
6. If uptime is less than 98% during warranty of Network security devices.
7. In case the selected bidder fails to deliver the quantity as stipulated in the delivery schedule of 6 weeks, MSC Bank reserves the right to procure the same or similar product from alternate sources at the risk, cost and responsibility of the selected bidder.
8. After the award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, MSC Bank reserves the right to get the balance contract executed by another party of its choice by giving one month's notice for the same. In this event, the selected bidder is bound to make good the additional expenditure, which MSC Bank may have to incur in executing the balance contract. This clause is applicable even if for any reason, the contract is cancelled.
9. MSC Bank reserves the right to recover any dues payable by the selected bidder from any amount outstanding to the credit of the selected bidder, including the pending bills and/or

invoking the bank guarantee under this contract.

R. LIQUIDATED DAMAGES

Notwithstanding MSC Bank's right to cancel the order, liquidated damages at 0.5% of the system value per site per week will be charged for every week's delay in the execution of the purchase order beyond the specified delivery/installation schedule subject to a maximum of 5% of the value of the systems ordered. MSC Bank reserves its right to recover these amounts by any mode such as adjusting from any payments to be made by MSC Bank to the bidder. Liquidated damages will be calculated per week on per site basis.



Annexure – A
Offer Covering Letter

To,
Maharashtra State Co-operative Bank Ltd
Sir Vithaldas Thackersey Smruthi Bhavan,
9 Maharashtra Chamber of Commerce Lane, Fort Mumbai 400001.

Dear Sir,

Sub: Upgradation of Existing Network Infrastructure for Data center & Disaster Recovery Site.

We have examined the Tender and we offer to upgradation of existing network infrastructure for data center & disaster recovery site as per the terms and conditions and technical specifications spelt out, and in accordance with the schedule of prices indicated in the commercial bid and made part of this offer/bid.

We agree to abide by this offer till expiry of the period of validity of our offer and our offer shall remain binding upon us and may be accepted by MSC BANK any time before the expiry of that period.

We agree to abide by providing **warranty for 5 (Five) years** from the date of successful installation and acceptance of all the network security devices by the MSC Bank.

Until a formal contract is prepared and executed, this offer, together with MSC BANK's written acceptance thereof and MSC BANK's notification of award shall constitute a final, conclusive and binding contract between us.

We also certify that the information/data/particulars furnished in our bid are factually correct. We also accept that in the event of any information/data/particulars proving to be incorrect, MSC BANK will have the right to disqualify us from the bid.

We understand that MSC BANK may reject any or all of the offers without assigning any reason whatsoever. Any decision of MSC BANK in this regard shall be final, conclusive and binding on us.

The above arrangement is binding on our successors and assigns. We agree not to assign these provisions / presents without prior written approval of MSC BANK.

Yours faithfully,
(Name and Designation)
For and on behalf of _____

Pl. furnish the corporate authorization on letterhead.

Annexure – B

Technical Bid

Note: This bill of material must be attached in Technical Offer/Technical Bid as well as Commercial Offer/Commercial bid. The format will be identical for both technical and commercial offers/bids, except that **the technical offer should not contain any price information**. Technical offers/bids without the detail (including make, model and detail technical specs) bill of material will be liable for rejection forthwith.

Bidder must take care in filling price information in the commercial offer/commercial bid, to ensure that there are no typographical or arithmetic errors. All fields must be filled up correctly.

1. Palo Alto Firewall (DC-2 & DR-1)

Sr no	Technical Requirement	Compliance (Yes/No)
1	OEM should be recognized as a Leader in Gartner Magic Quadrant for Network Firewalls	
2	Proposed appliance should be purpose-built Next Generation Firewall appliance	
3	Solution should support East-West traffic inspection within Data Center	
4	Firewall should support Layer 7 application visibility and control	
5	Firewall should support application-based policy enforcement independent of port/protocol	
6	Firewall should support User-ID based policy controls	
7	Firewall should support Content-ID based inspection	
8	Appliance should support minimum 6 Gbps NGFW throughput	
9	Appliance should support minimum 4 Gbps Threat Prevention throughput	
10	Appliance should support minimum 4 Gbps IPSec VPN throughput	
11	Appliance should support minimum 70,000 new sessions/sec	
12	Appliance should support minimum 400,000 concurrent sessions	
13	Appliance should support minimum 2,500 security policies	
14	Appliance should support minimum 3,000 NAT policies	

15	Appliance should support minimum 400 security zones	
16	Firewall should support App-ID technology	
17	Firewall should support User-ID technology	
18	Firewall should support SSL/TLS inspection and decryption	
19	Firewall should support inbound and outbound SSL decryption	
20	Appliance should support minimum 45,000 concurrent decrypted sessions	
21	Firewall should support IPS, Anti-Virus and Anti-Spyware protection	
22	Firewall should support DNS security	
23	Firewall should support URL filtering	
24	Firewall should support Wildfire/Sandboxing or equivalent malware analysis	
25	Firewall should support Anti-Ransomware protection	
26	Appliance should support custom application signatures	
27	Appliance should support minimum 6,000 custom application signatures	
28	Firewall should support external dynamic block lists/feed integration	
29	Appliance should support minimum 1M domain entries in EDL	
30	Appliance should support minimum 100,000 URL entries in EDL	
31	Firewall should support Layer 2 deployment mode	
32	Firewall should support Layer 3 deployment mode	
33	Firewall should support Virtual Wire deployment mode	
34	Firewall should support transparent deployment	
35	Appliance should support Virtual Routing instances	
36	Firewall should support policy-based forwarding	

37	Firewall should support VLAN tagging	
38	Appliance should support minimum 4,000 VLAN tags	
39	Appliance should support minimum 3,000 logical interfaces	
40	Appliance should support minimum 12 x 1G RJ45 interfaces	
41	Appliance should support minimum 2 x 1G SFP interfaces	
42	Appliance should support minimum 2 x 10G SFP+ interfaces	
43	Appliance should support dedicated management port	
44	Appliance should support Console and USB management access	
45	Firewall should support static and dynamic routing	
46	Firewall should support IPv4 and IPv6	
47	Firewall should support QoS and traffic shaping	
48	Firewall should support DSCP marking	
49	Firewall should support DHCP server and relay functionality	
50	Firewall should support site-to-site IPSec VPN	
51	Firewall should support remote access VPN	
52	Appliance should support minimum 1,500 VPN tunnels/users	
53	Firewall should support multicast routing	
54	Firewall should support NAT including Static NAT, Dynamic NAT and PAT	
55	Appliance should support minimum 128,000 translated IP addresses	
56	Firewall should support centralized logging and monitoring	
57	Firewall should support syslog integration	
58	Firewall should support SNMP monitoring	

59	Firewall should support REST/XML API integration	
60	Firewall should support Role Based Access Control (RBAC)	
61	Firewall should support TACACS+ and RADIUS authentication	
62	Firewall should support Active Directory integration	
63	Firewall should support High Availability in Active/Passive mode	
64	Firewall should support High Availability in Active/Active mode	
65	HA deployment should support state synchronization	
66	HA deployment should support automatic failover	
67	Proposed solution should include 2 Appliances in HA mode	
68	Proposed solution should include all subscriptions/licenses required for complete security functionality	
69	Proposed solution should include Threat Prevention License	
70	Proposed solution should include URL Filtering License	
71	Proposed solution should include DNS Security License	
72	Proposed solution should include Wildfire/Sandbox License	
73	Proposed solution should include Global Protect/Remote Access License if applicable	
74	Proposed solution should include centralized management license if applicable	
75	Solution should support audit trail logging for all administrator activities	
76	Solution should support compliance reports for ISO 27001	
77	Solution should support compliance reports for PCI-DSS	
78	Solution should support compliance reports for HIPAA/GDPR equivalent standards	
79	Solution should support scheduled executive and security reports	
80	Solution should support custom audit and compliance reporting	

81	OEM should provide 24x7 TAC support	
82	OEM should provide hardware replacement support	
83	OEM support should be directly from OEM or OEM authorized partner	
84	Solution should include minimum 5 years comprehensive support and subscriptions	
85	Bidder should provide installation and commissioning services	
86	Bidder should provide migration assistance from existing firewall	
87	Bidder should provide administrator training and knowledge transfer	
88	Solution should support future scalability without hardware replacement	

2. Array Load-balancer (DC-2 & DR-1)

Sr no	Technical Requirement	Compliance (Yes/No)
1	The proposed solution should be a dedicated appliance as ADC not as add on license Feature on NGFW and WAF.	
2	The appliance should be high performance purpose built next generation multi-tenant hardware with Network function virtualization. The Appliance should support multiple network functions virtualization with dedicated hardware resources for each virtual instance. It should also run 3rd party and open-source network functions on same appliance as Linux- CentOS /Ubuntu based applications.	
3	Each Virtual instance must have assigned dedicated hardware resources including I/O interfaces, memory, CPU, Hardware SSL card Cores, other optimization techniques - SRIO, DPDK CPU Pinning in order to ensure every network function perform without affecting other functions with guaranteed performance.	
4	The Appliance should have dedicated 16x10GbE/25GbE SFP+ ports and support 53K RSA SSL TPS for 2048 key and 38 K ECC SSL TPS, L7 RPS 10 million and L4 CPS 4.8 Million and 4 virtual instances scalable to 16 from day 1	
5	The Appliance should have 4TB HDD and dual power supply.	
6	The appliance should have dedicated SSL Acceleration hardware card for handling SSL Traffic. The SSL traffic should not be process by CPU of the appliance	
7	The solution should be able to load balancer both TCP and UDP based applications with layer 2 to layer 7 load balancing including WebSocket and WebSocket Secure.	
8	The solution should support server load balancing algorithms i.e. round robin, weighted round robin, least connection, Persistent IP, Hash IP, Hash Cookie, consistent hash IP, shortest response, proximity, SNMP, SIP session ID, hash header etc.	

9	The solution should support Multi-level virtual service policy routing, -Static, default and backup policies for intelligent traffic distribution to backend servers	
10	The solution should support for policy nesting at layer7 and layer4. it should able to combine layer4 and layer7 policies to address the complex application integration.	
11	The solution should have script-based functions support for content inspection, traffic matching and monitoring of HTTP, SOAP, XML, diameter, generic TCP, TCPS. It should support e-Policies to customize new features/rules to re-direct the traffic on specific parameters.	
12	The solution using e-policy then should support algorithms including round robin, least connections, shortest response, persistence ip, hash ip, hash ip and port, consistent hash IP and SNMP	
13	The solution should provide application & server health checks for well-known protocols such as ARP, ICMP, TCP, DNS, RADIUS, HTTP/HTTPS, RTSP etc.	
14	The Solution should provide real time Dynamic Web Content Compression to reduce server load and solution should provide selective compression for Text, HTML, XML, DOC, Java Scripts, CSS, PDF, PPT, and XLS Mime types.	
15	The solution should provide advanced high-performance memory/packet based reverse proxy Web cache; fully compliant with HTTP1.1 to enhance the speed and performance of web servers	
16	The solution should provide support for cache rules/filters to define granular cache policies based on cache-control headers, host name, file type, max object size, TTL objects etc.	
17	The solution should provide secure online application delivery using hardware-based high performance integrated SSL acceleration hardware. SSL hardware should support both 2048, 4096-bit keys for encrypted application access.	
18	The solution must support Single Sign-On (SSO) for web-based applications and web-based file server access. It should also support SAML secure application access	
19	The solution should provide performance optimization using TCP connection multiplexing, TCP buffering and IEEE 802.3ad link aggregation. Support for TCP optimization options including windows scaling, timestamp & Selective Acknowledgement for enhanced TCP transmission speed TCP optimization option configuration should be defined on per virtual service basis not globally.	
20	The solution should support certificate parser and solution should integrate with client certificates to maintain end to end security and non-repudiation.	
21	The solution should support OCSP protocol to check the validity of the certificates online. Certificate bases access control, CRL's (HTTP, FTP, and LDAP) support.	
22	The solution should provide full ipv6 support and OEM should be IPv6 gold-certified. OEM should be listed bidder for ipv6 phase-2 certification.	
23	The solution should support advance ACL's to protect against network-based flooding attacks. Administrator should able to define ACL's rules based on connections per second (CPS) and concurrent connections (CC), cookie value.	
24	Should support QOS for traffic prioritization, CBQ, borrow and unborrow bandwidth from queues. It should provide QOS filters based on port and protocols including TCP, UDP and ICMP Protocols. Should support rate shaping for setting user defined rate limits on critical application.	
25	The solution should support site selection feature to provide global load balancing features for disaster recovery and site redundancy.	
26	It should support advance functions Authoritative name sever, DNS proxy/DNS NAT, full DNS server with DNSEC, DNS DDOS, application load balancing from day one. It should be capable of handling complete Full DNS bind records including A, MX, AAAA, CNAME, PTR, SOA etc.	

27	The solution should provide comprehensive and reliable support for high availability and N+1 clustering based standard VRRP RFC 2338 on Per VIP based Active-active & active standby unit redundancy mode.	
28	the solution should support Stateful session failover with N+1 clustering support when deployed in HA mode.	
29	The appliance should have extensive reporting and logging with inbuilt tcp dump like tool and log collection functionality. The appliance should have SSH CLI, Direct Console, SNMP, Single Console per Cluster with inbuilt reporting.	
30	The solution should support XML-RPC/REST API for integration with 3rd party management and monitoring of the devices. The appliance should provide detailed logs and graphs for real-time and time-based statistics	
31	The appliance must support multiple configuration files with 2 bootable partitions for better availability and easy upgrade / fallback. The system should support led warning and system log alert for failure of any of the power and CPU issues	
32	The proposed OEM should be MII class I certified and Intellectual property rights should be registered in India other than trademark and copyright and among top 3 IDC OEM under ADC category.	

3. Juniper Switch (DC-3 & DR-2)

S. No.	Specifications	Compliance (Yes / No)
1	Mention the product details here	
1.1	Please mention Make, Model No. and Part Code	
2	Solution Requirement	
2.1	The Switch should support non-blocking Layer 2 switching and Layer 3 routing	
2.2	Switch should be 1U and rack mountable in standard 19" rack.	
3	General and Hardware Requirements	
3.1	Switch should have 48 no's of 1/10/25GbE SFP+/SFP28 Ports populated with 48 x 10/25G (Multimode) Dual Rate SFP+ Transceivers from Day-1.	
3.2	Switch should have 8 Nos x 40/100GbE ports loaded with 100G QSFP+ 1M DAC for interconnection and 100G QSFP AOC 10M for uplink to core from Day1.	
3.3	Switch should not have any single point of failure like power supplies and fans etc. should have 1:1/N+1 inbuilt level of redundancy with Field Replaceable Units.	
3.4	Switch should have 16GB DRAM and 48GB internal Flash/Storage and 32MB buffer	
4	Performance and Scale Requirements	
4.1	Switch should support minimum 3.6 Tbps of switching bandwidth, 2.6 Bpps forwarding rate with less than 1 microsecond latency.	
4.2	Switch should support minimum 250,000 MAC addresses and 64,000 ARP entries	
4.3	Switch should support 200,000 IPv4 unicast routes and 100,000 IPv6 unicast routes entries in the routing table including 100,000 IPv4 multicast routes	
4.4	Should support both Cut-through and Store and forward modes of operation as necessary. It should be configurable at field.	
5	Layer 2 Requirements	
5.1	Switch should support for different logical interface types like loopback, 4K VLANs, SVI/RVI, Port Channel, multi chassis port channel/LAG etc.	

5.2	Spanning Tree Protocol (IEEE 802.1D, 802.1W, 802.1S)	
5.3	Switch should support 80 Nos. of link aggregation group and support 64 number of ports per Link Aggregation Group. The Switch should support 32-way ECMP	
5.4	Support for broadcast, multicast and unknown unicast storm control to prevent degradation of switch performance from storm due to network attacks and vulnerabilities	
6	Layer 3 Requirements	
6.1	Switch should support all physical ports to use either in Layer2 or Layer 3 mode and also should support layer 3 VLAN Interface and Loopback port Interface	
6.2	Switch should support static and dynamic routing like Static, RIPv2, OSPFv2/v3, BFD on day 1	
6.3	Switch should provide multicast traffic reachable using PIM-SM and SSM from day 1	
6.4	Switch should support advanced protocols like BGP, EVPN VXLAN, Layer 2 and Layer 3 VXLAN gateway, MPLS, IPv6 6PE, RSVP, LDP by just enable software license in future.	
6.5	Switch should support Network Virtualization using Virtual Over Lay Network using VXLAN/ NVGRE	
6.6	Should support Priority-based flow control (PFC)—IEEE 802.1Qbb and DCBx	
6.7	Should support route redistribution between static to OSPF, OSPF to BGP protocols	
7	High Availability Requirements	
7.1	Switch should provide gateway level of redundancy in IPv4 and IPv6 using HSRP/ VRRP from day 1.	
7.2	Switch should support for BFD For Fast Failure Detection from day 1	
7.3	Switch should support Stacking or Virtual chassis or Virtual Port Channel. Switch should have support for Multichassis Link Aggregation for High availability, Active-Active dual homing.	
7.4	The Switch should EVPN Multihoming (ESI LAG) to avoid leaf interconnect.	
8	Quality of Service Requirements	
8.1	Switch system should support 802.1p classification and marking of packet CoS, DSCP etc.	
8.2	Switch should support for different type of QoS features for real time traffic differential treatment using WRED, Strict Priority, WRR/SDWRR.	
8.3	Switch should support Flow control of Ethernet ports to control traffic rates during congestion by allowing congested nodes to pause link operation at the other end for receiving traffic as per IEEE 802.3x	
8.4	Support minimum 8 number of hardware queues per port	
9	Security Requirements	
9.1	Switch should support for deploying different security for each logical and physical interface using Port Based access control lists of Layer-2 to Layer-4 in IP V4 and IPv6 and logging for fault finding and audit trail	
9.2	Switch should support control plane i.e. processor and memory Protection from unnecessary or DoS traffic by control plane protection policy	
9.3	Switch should support for Role Based access control (RBAC) for restricting host level network access as per policy defined in RADIUS or TACACS server.	
9.4	Switch should support unicast and/or multicast blocking on a switch port to suppress the flooding of frames destined for an unknown unicast or multicast MAC address out of that port	
9.5	Switch should support for various ACL/ filters like port based, VLAN based and routed filters/ACL	

10	Management Requirements	
10.1	Switch should have a modular operating system, and it should run the same OS as the core and distribution switch for ease of management and operations	
10.2	Switch should support Configuration roll-back without rebooting the switch	
10.3	Switch should support for RMON (RFC2819), remote login for administration Telnet, SSHv2, Extended ping and traceroute, Configuration and Image rollback.	
10.4	Switch should support for management and monitoring status using different type of Industry standard NMS using SNMP V2 and V3	
10.5	Switch should support port mirroring feature for monitoring network traffic of a particular port/VLAN.	
10.6	The switch should support automation using python scripting, event scripts, automatic rollback and ZTP.	
10.7	Switch should support committing the configuration on a trial basis for specified amount of time which can be from 1 minute to 1000 hours and should automatically rollback to previous running config when the time lapses.	
10.8	Switch should support management over cloud also as an optional capability. Should include required licenses from day 1.	
10.9	Should be able to leverage AI to reduce administrative burden to organization and staffs using Cloud Service and reduce MTTR for issues, proactively identify problems in network. Should include required licenses from day 1.	
11	Safety and Compliance Requirements	
11.1	The Switch should be MTCTE Certified.	
11.2	Switch Should be Common Criteria/NDPP/NDcPP certified	
11.3	Switch should be ROHS compliant, WEEE, EN 55022 Class A and CISPR	
12	Warranty	
12.1	Switch should be quoted with Same Day TAC Support and Warranty for 5 years with 4-hour Hardware Replacement.	

4. Fortinet Switch (DC-2 & DR-1)

Sr No.	Technical Requirement		Compliance (Yes/No)
	1. Hardware Specifications		
	1.1 Port Configuration		
1	Total Access Ports	Minimum 48 x 1G RJ45 ports (10/100/1000Base-T)	
2	Uplink Ports	Minimum 4 x 10G/1G SFP+/SFP combo uplink ports	
3	Console Port	1 x RJ45 dedicated out-of-band console port	
	1.2 Performance		
1	Switching Capacity	Minimum 176 Gbps (full duplex)	
2	Forwarding Rate	Minimum 260 Mpps (mega-packets per second, full duplex)	
3	Network Latency	Less than 1 microsecond (<1 μs)	
4	MAC Address Table	Minimum 32 K	
5	Buffer Memory	Minimum 2 MB	
	1.3 Capacity & Scalability		
1	VLAN Support	Minimum 4,000 VLANs (IEEE 802.1Q)	

2	Link Aggregation Groups	Minimum 8 LAG groups (LACP); 128 total LAG members	
3	Spanning Tree	IEEE 802.1D (STP), 802.1w (RSTP), 802.1s (MSTP)	
4	MTBF	Greater than 10 years	
1.4 Physical Dimensions			
1	Form Factor	1U rack-mountable	
2	Dimensions (H x D x W)	1.73 x 12.2 x 17.32 inches (44 x 310 x 440 mm approx.)	
3	Weight	7.63 lbs. (3.46 kg)	
4	Airflow	Side-to-side	
1.5 Power requirements			
1	Input Voltage	100–240V AC, 50–60 Hz	
2	Power Consumption (Average / Maximum)	55.8 W / 57 W	
3	Power Supply	AC built in C-13 C-14	
1.6 Environmental			
1	Operating Temperature	32°F to 113°F (0°C to 45°C)	
2	Storage Temperature	-4°F to 158°F (-20°C to 70°C)	
3	Humidity (Operating)	10% to 90% non-condensing	
4	Regulatory Compliance	FCC, CE, RCM, VCCI, BSMI, UL, CB, RoHS2	
2. Layer 2 / Layer 2+ Feature Requirements			
2.1 Switching & VLANs			
1	VLAN Tagging	IEEE 802.1Q; port-based and protocol-based VLANs	
2	Private VLAN	Supported	
3	Q-in-Q (Double Tagging)	Supported	
4	MAC-based VLAN	Supported	
2.2 Link Aggregation			
1	LACP	IEEE 802.3ad Link Aggregation Control Protocol	
2	Static LAG	Supported	
2.3 Multicast			
1	IGMP Snooping	v1/v2/v3 snooping supported	
2	MLD Snooping	Supported for IPv6 multicast	
2.4 QoS			
1	QoS	IEEE 802.1p Based Priority Queuing	
2	Traffic Shaping	Per-port ingress/egress rate limiting	
2.5 Management & Monitoring			
1	Management Protocols	CLI, SSH, HTTPS, HTTP, Telnet, SNMP v1/v2c/v3, TFTP	
2	IP Support	IPv4 and IPv6 management stack	
3	Syslog	Local and remote syslog logging	
4	LLDP / LLDP-MED	Supported — neighbor discovery and media endpoint discovery	

5	Port Mirroring	Local and remote (RSPAN) port mirroring	
6	Flow Control	IEEE 802.3x Flow Control and Back-pressure	
7	SNTP / NTP	Network time synchronization supported	
	3. Security Feature Requirements		
	3.1 Access Control		
1	802.1X Port Authentication	EAP-based 802.1X per-port and per-MAC authentication	
2	MAC Authentication Bypass	MAB supported for non-802.1X devices	
3	RADIUS / TACACS+	AAA integration with RADIUS and TACACS+ servers	
4	BPDU Guard	STP BPDU Guard to prevent unauthorized switch connectivity	
5	DHCP Snooping	Prevention of rogue DHCP servers	
6	Dynamic ARP Inspection	ARP spoofing prevention	
7	IP Source Guard	Binding table-based IP spoofing prevention	
8	Storm Control	Broadcast, multicast, unknown unicast storm control	
9	ACL	ACL, ACL Multiple Ingress, ACL Multistage & ACL Schedule	
	4. Security Fabric Integration		
	4.1 Fabric Management		
1	Forti Link Protocol	The switch must support Forti Link — a proprietary Fortinet management protocol that allows the FortiGate NGFW to directly manage the switch as a logical security fabric extension.	
2	Single Pane of Glass Management	Full switch configuration, monitoring, NAC policy, and security enforcement must be manageable directly from the FortiGate GUI / Forti-OS — no separate EMS, NMS, or controller required for day-to-day operations.	
3	Forti Manager / Forti Cloud Support	Centralized large-scale management must be supported via Forti Manager and Forti Edge Cloud — single policy push to all switches across multiple sites.	
4	Zero-Touch Provisioning	Switches must support Forti Link-based zero-touch provisioning — automatic discovery, authorization, and firmware staging from FortiGate without manual intervention.	
5	Security Fabric Topology Visibility	The solution must provide full Security Fabric topology map in Forti-OS showing all connected switches, APs, and endpoints with real-time security posture.	
	4.2 Integrated Network Access Control		
1	Built-in NAC (Zero License Cost)	Full NAC functionality must be included at no additional license cost, native to the switch-and-FortiGate combination.	
2	Automatic Device Onboarding	All devices connecting to switch ports must be automatically placed into a configurable onboarding VLAN with restrictive policies until the device is profiled and classified.	
3	Policy-Based VLAN Assignment	NAC policies must support matching on: MAC address, hardware vendor (OUI), device family, OS type, user identity, FortiClient EMS tag, and Forti Voice tag — with automated VLAN and port policy assignment.	
4	FortiClient EMS Tag	NAC policy must be enforceable based on FortiClient EMS	

	Policy	endpoint compliance tags — ensuring only compliant managed devices receive full network access.	
	4.3 Micro segmentation		
1	Hardware-Level Micro segmentation	The switch must support LAN Segment micro segmentation — providing intra-VLAN isolation at the switch port level, without requiring additional hardware or SDN overlays.	
2	Intra-VLAN Traffic Control	Traffic between devices in the same VLAN must be enforced through the FortiGate NGFW via the Forti Link Segment interface — enabling L7 firewall policies between devices on the same subnet.	



सहकारातून समृद्धी

MSC BANK
 SCHEDULED BANK

Annexure – C

Details of the Bidder

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

SR. NO	DETAILS OF THE COMPANY	RESPONSE
A	Name of Company	
B	Company Head Office and registered office address	
C	Telephone and Fax numbers	
D	Date of incorporation. Please enclose Company Registration Certificate.	
E	Ownership structure (e.g. Proprietorship, Partnership, Pvt. / Pub Ltd Company)	
F	Company Sales Tax Number, VAT registration number, LBT registration number & Service Tax number. Please enclose supporting document.	
G	Company PAN & TIN number. Please enclose supporting document.	
H	Please enclose financial accounts (Profit and Loss account and Balance sheet for last three financial years).	
I	Quality Certification Please enclose copies of Quality Certificates (ISO 9000/9001 certification) if any.	
J	List of Support Centers with addresses and phone numbers	
K	Total strength of the Company. Bifurcation: • Installation Team • Maintenance Team • Support Team • And Other Teams	



Annexure – D**Bank Details**

(To be included in Technical Bid Envelope)

1	Name of the Bank	
2	Address of the Bank	
3	Account Type and Number	
4	Contact Person	
5	Telephone No.	
6	Fax No	
7	e-mail	
8	Over Draft/CC/Other fund based Limit	
9	Bank Guarantee Limit	
10	Remarks, if any	

Corporate Authorization details.

Note: This statement has to be duly attested by the banker.

Signature:

Name of the Authorized Person:

Designation:

Bidder Seal

Signature:

Name of the Authorized Person:

Designation:

Banker Seal

All authorizations should be collected

ANNEXURE - E

PRO FORMA - COMMERCIAL BID

Bidder should fill the details of products supplied in below format. The servers must be MNC brand only and bidder should specify the brand quoted.

- 1) The List of Network Devices Required at **Data Centre, Airoli, Navi Mumbai & Disaster recover site, Bangalore.**

Sr. No.	Item	SKU	Product Description	Unit Count	QTY	Unit Rate Price in INR	Total Price Exclusive of All Taxes INR
1	Palo Alto Firewall	PAN-PA-550	Palo Alto Networks PA-550	3	3		
		PAN-PA-550-BND-PRECISIONAI- 5 YR	PA-550, Precision AI Network Security Subscription Bundle (Advanced Threat Prevention, Advanced URL Filtering, Advanced Wildfire, Advanced DNS Security, Advanced SD-WAN and Device Security), 1 years (12 months) term	3			
		PAN-SVC-PREM-550-5 YR	PA-550, Premium support, 1year (12 months) term.	3			
		PAN-1RU-4POST-RACK-11	1RU 4-Post rack mount for: one PA-560 and two power adapters, one PA-550 and two power adapters, two PA-540s and four power adapters, two PA-520s and four power adapters.	3			
		PAN-PWR-150W-12V-AC-A	150W AC Spare Power Adapter for PA-560, PA-550 (compatible with PA-540, PA-520)	3			
		PAN-PWR-CORD-UK	Power cord for United Kingdom with IEC-60320 C13 and BS 1363 UK13 cord ends, 10A, 250V max, 6ft	6			
		PAN-NGFW-SCM-PRO	Strata Cloud Manager - Pro (includes Strata Logging Service) for NGFW subscription capacity for the current entire firewall estate (per quote)	1			

2.	Array Load balancer	AW310014-C	AVX 7900 Hardware, 2U, Dual PSU (AC 100V-240V 750-850W),14-Core Processor(28vCPUs),4TB SSD,128GB RAM With 2x1G RJ45 MGMT Ports,16x25G/10G SFP28/SFP+ Ports (Multi-tenant virtualized appliance) Maximum capacity of 2 large tenants, or 4 medium tenants, or 8 small tenants, or 16 entry tenants, and L4 Throughput: 80Gbps, SSL TPS (RSA 2K):90K, SSL TPS (ECC ECDSA):60K	3	3		
		SW310014S	AVX 7900 Software (Multi-tenant virtualized appliance. Maximum capacity of 2 large tenants, or 4 medium tenants, or 8 small tenants, or 16 entry tenants)	3			
		GS310014-C	Gold Support AVX Hardware	21			
		GS310014S	Gold Support AVX Software	21			
		AV928880	vAPV license pack 1 for AVX (Enable 4 vAPV instances, GSLB included)	3			
		GS928880	Gold Support for vAPV instance	21			
		PS909101	Installation of Array products at one site	2			
3	Juniper Switch	Expansion Module	EX4600 Core Switch accessories for Migration	2	5		
	DC	QFX-EM-4Q	4 port 40GbaseX QSFP Expansion Module for QFX5100 & EX4600	2			
		JNP-40G-AOC-15M	QSFP+, 40GE Active Optical Cable, 15 meters, Standard Temperature (0 through 70 DEGREE C)	5			
		QFX5120-48Y-AFO2	DC TOR Switch (New)	2			
		QFX5120-48Y-AFO2	QFX5120-48Y, airflow out, redundant AC PSUs and FANs Ships with base S/W features.	2			
		S-QFX5K-C1-A2-P	perpetual Advanced2 license for Class 1 QFX5K products	2			
		PAR-SD-QFX5-48YB	PSS Same Day Support for QFX5120-48Y-D-AFO2, QFX5120-48Y-D-AFI2, QFX5120-48Y-AFO2 & QFX5120-48Y-AFI2	2			
		PAR-SUP-QFX5K-C1A2	PSS Basic Support for S-QFX5K-C1-A2-P	2			
		CBL-EX-PWR-C13-C14	AC Power Cable - Patch Cord,	4			

			(10A/250V, 2.5m), for EU only				
		JNP-100G-AOC-10M	QSFP28, 100GE Active Optical Cable, 10 meters, Standard Temperature (0 through 70 DEGREE C), 3.5W, DDM, Pull Tab	4			
		JNP-100G-DAC-1M	QSFP28, 100GE Direct Attach Copper Cable, 1meter, Standard Temperature (0 through 70 DEGREE C), 0.015W, 30 AWG	4			
		SFP-10G-25G-SR	SFP28, 25GBASE-SR / 10G-SR, MMF, Standard Temperature (0 to 70 deg C), Duplex LC connector	96			
			LC to LC 5 Meter Fiber cable	96			
		SFP & License	Existing QFX5120-48Y DC -TOR converted to DC - Core	1			
		SFP-1G-SX-C	SFP, 1G, FDDI 220m and OM1 275m/OM2 MMF 550m, Extended Temperature (-10 through 85 Deg C), Duplex LC connector	10			
		SFP-10G-25G-SR	SFP28, 25GBASE-SR / 10G-SR, MMF, Standard Temperature (0 to 70 deg C), Duplex LC connector	10			
		S-QFX5K-C1-A2-P	perpetual Advanced2 license for Class 1 QFX5K products	2			
		PAR-SUP-QFX5K-C1A2	PSS Basic Support for S-QFX5K-C1-A2-P	2			
	DR	QFX5120-48Y-AFO2	TOR Switch DR (New)	1			
		QFX5120-48Y-AFO2	QFX5120-48Y, airflow out, redundant AC PSUs and FANs Ships with base S/W features.	1			
		S-QFX5K-C1-A2-P	perpetual Advanced2 license for Class 1 QFX5K products	1			
		PAR-SD-QFX5-48YB	PSS Same Day Support for QFX5120-48Y-D-AFO2, QFX5120-48Y-D-AFI2, QFX5120-48Y-AFO2 & QFX5120-48Y-AFI2	1			
		PAR-SUP-QFX5K-C1A2	PSS Basic Support for S-QFX5K-C1-A2-P	1			
		CBL-EX-PWR-C13-C14	AC Power Cable - Patch Cord, (10A/250V, 2.5m), for EU only	2			
		JNP-100G-AOC-10M	QSFP28, 100GE Active Optical Cable, 10 meters, Standard Temperature (0 through 70 DEGREE C), 3.5W, DDM, Pull Tab	2			
		SFP-10G-25G-SR	SFP28, 25GBASE-SR / 10G-SR, MMF, Standard Temperature (0 to 70 deg C), Duplex LC connector	48			

			LC to LC 5 Meter Fiber cable	48			
		SFP & License	Existing QFX5120-48Y DR -TOR converted to DR - Core	1			
		S-QFX5K-C1-A2-P	perpetual Advanced2 license for Class 1 QFX5K products	1			
		PAR-SUP-QFX5K-C1A2	PSS Basic Support for S-QFX5K-C1-A2-P	1			
		SFP-1G-SX-C	SFP, 1G, FDDI 220m and OM1 275m/OM2 MMF 550m, Extended Temperature (-10 through 85 Deg C), Duplex LC connector	5			
		SFP-10G-25G-SR	SFP28, 25GBASE-SR / 10G-SR, MMF, Standard Temperature (0 to 70 deg C), Duplex LC connector	5			
		OOB Switch	EX4100-48T (New) DC & DR	2			
		EX4100-48T	EX4100 48-Port 10/100/1000BaseT, 4x 10G SFP+ Uplink ports, 4x 25G SFP28 Stacking/Uplink ports, redundant fans, 1 AC PSU JPSU-150-AC-AFO included (optics sold separately) with Standard SW.	2			
		PAR-SD-EX41-48T	PSS Same Day Support for EX4100-24T-DC & EX4100-24T	2			
		JPSU-150-AC-AFO	EX4100 and EX3400 150W AC Power Supply, Front-to-back airflow (power cord needs to be ordered separately)	2			
		CBL-EX-PWR-C13-C14	AC Power Cable - Patch Cord, (10A/250V, 2.5m), for EU only	4			
4	FortiSwitch-148F	FS-148F	Layer 2 FortiGate switch controller compatible switch with 48x 1G RJ45 and 4x 10G/1G SFP+/SFP ports and 1x RJ45 console port.	3	3		
		FC-10-148FN-284-02-DD	Forti-Care Elite Support	3			
		FC-10-148FN-211-02-DD	4-Hour Hardware Delivery Priority RMA Service (Requires Forti-Care Premium or Forti-Care Elite)	3			
	TOTAL				14		

Note :

1) Bank will avail the Professional Services as and when required also the same will not be considered for Commercial Evaluation.

2) Existing Juniper QFX5120-48Y Switches will be continued. In accordance to this bank would request to add

the support licenses for Existing Juniper Switches as per new procured network devices (Juniper Switches).

Existing Juniper Switch Details: - QFX5120-48Y.

3) Bidder has to arrange for temporary Expansion Module specified in ANNEXURE-E point no. 3 in Phase 1 migration of Juniper Switch's without an extra cost.

4) Implementation commercials for the above-mentioned activity must be quoted separately.

Sr. No.	Item	Description
1	Subscription license for Palo Alto Firewall.	
2	Array Load balancer	
3	Juniper Switch	
4	Fortinet Switch	

**** Note:** The above items to be procured are with 5 Yrs Comprehensive Warranty, Support & Services.

GST will be on Banks account on actuals. Variation (+/-) in rate of tax if any will be on the Banks accounts.



Annexure – F
Format of Power of Attorney for signing of bid

POWER OF ATTORNEY

(On Stamp Paper of relevant value)

Know all men by these presents, we _____ (name of the bidder / partnership firm and address of the registered office) do hereby appoint and authorize Mr. ____ (full name and residential address) who is presently employed with us and holding the position of _____ as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our proposal Upgradation of Existing Network Infrastructure for Data Center & Disaster Recovery Site. in response to the RFP (Request for Proposal) by MSC BANK (hereinafter referred to as MSC BANK), including signing and submission of all documents and providing information/responses to MSC BANK in all matters in connection with our bid / offer. We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Dated this _____ day of _____ 2026

For _____

(Signature)

(Name, Designation and Address)

Accepted (Signature)

(Name, Title and Address of the Attorney)

Date:

Note:

1. To be executed by the all members in case of a Consortium.
2. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants and when it is so required the same should be under common seal affixed in accordance with the required procedure.
3. Also, wherever required, the bidder should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the bidder.
4. In case the Application is signed by an authorized Director / Partner or Proprietor of the Applicant, a certified copy of the appropriate resolution / document conveying such authority may be enclosed in lieu of the Power of Attorney.

Annexure – G
Undertaking

It is certified that the information furnished here in and as per the document submitted is true and accurate and nothing has been concealed or tampered with. We have gone through all the conditions of bid and are liable to any punitive action for furnishing false information / documents.

It is also certifying that we are not blacklisted by Government department, ministry, agency or any PSU's.

Dated this _____ day of _____ 2026

Signature

(Bidder Seal)

In the capacity of

Duly authorized to sign bids for and on behalf of:

सहकारातून समृद्धी

MSC BANK
SCHEDULED BANK

Annexure – H
Manufacturer Authorization Format

(To be submitted on OEM's letter head for each of the products quoted)

Ref:

Date:

Manager,
IT Department,
Maharashtra State Co-operative Bank Ltd.,
1st Floor, 9, Maharashtra Chamber of Commerce Lane,
Fort, Mumbai
Mumbai - 400 001

Dear Sir,

Manufacturer Authorization for Request for Proposal RFP No. **MSCB/ITD/NWD/ 70 /2026-27 dated 24.06.2026**
Upgradation of Existing Network Infrastructure for Data center & Disaster Recovery Site.

We <OEM Name> having our registered office at <OEM Address> are an established and reputed manufacturer of <hardware details> do hereby authorize M/s_____ (Name and address of the Partner) to offer their quotation, negotiate and conclude the contract with you against the above invitation for tender offer. We hereby extend our full guarantee and warranty as per terms and conditions of the tender and the contract for the solution, products/equipment and services offered against this invitation for tender offer by the above firm and will extend technical support and updates / upgrades if contracted by the bidder. We also confirm that we will ensure all product upgrades (including management software upgrades and new product feature releases) are provided by M/s for all the products quoted for and supplied to the bank during the product warranty and AMC period.

<OEM Name>

<Authorized Signatory>

Name: _____

Designation: _____

Name of the Organization _____

Company Seal: _____

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

Annexure – I**Non-disclosure Agreement****(ON A NON-JUDICIAL STAMPED PAPER of Rs500/-)**

WHEREAS, we, _____, having Registered Office at _____, hereinafter referred to as the COMPANY, are agreeable to execute "Upgradation of Existing Network Infrastructure for Data center & Disaster Recovery Site." as per scope defined in the Request for Proposal **MSCB/ITD/NWD/ 70 /2026-27 dated 24.06.2026** for Maharashtra State Co-operative Bank Ltd., having its registered office Maharashtra chamber of commerce lane, 9, Fort, Mumbai – 400 001, hereinafter referred to as the BANK and, WHEREAS, the COMPANY understands that the information regarding the Bank's Infrastructure shared by the BANK in their Request for Proposal is confidential and/or proprietary to the BANK, and WHEREAS, the COMPANY understands that in the course of submission of the offer for the said RFP and/or in the aftermath thereof, it may be necessary that the COMPANY may perform certain jobs/duties on the Bank's properties and/or have access to certain plans, documents, approvals, data or information of the BANK; NOW THEREFORE, in consideration of the foregoing, the COMPANY agrees to all of the following conditions, in order to induce the BANK to grant the COMPANY specific access to the BANK's property/information: The COMPANY will not publish or disclose to others, nor, use in any services that the COMPANY performs for others, any confidential or proprietary information belonging to the BANK, unless the COMPANY has first obtained the BANK's written authorization to do so; The COMPANY agrees that information and other data shared by the BANK or, prepared or produced by the COMPANY for the purpose of submitting the offer to the BANK in response to the said RFP, will not be disclosed to during or subsequent to submission of the offer to the BANK, to anyone outside the BANK; The COMPANY shall not, without the BANK's written consent, disclose the contents of this Request for Proposal (Bid) or any provision thereof, or any specification, plan, pattern, sample or information (to be) furnished by or on behalf of the BANK in connection therewith, to any person(s) other than those employed/engaged by the COMPANY for the purpose of submitting the offer to the BANK and/or for the performance of the Contract in the aftermath. Disclosure to any employed/engaged person(s) shall be made in confidence and shall extend only so far as necessary for the purposes of such performance.

The Successful Bidder shall treat all documents, information, data and communication of and with Purchaser as privileged and confidential and shall be bound by the terms and conditions of the Non-Disclosure Agreement. The Successful Bidder shall execute Non-Disclosure Agreement simultaneously at the time of execution of this Contract. The Successful Bidder shall not, without Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, sample or information or data or drawings / designs furnished by or on behalf of Purchaser in connection therewith, to any person other than a person employed by the Bidder in the performance of the Contract. Disclosure to any such employed person shall be made in utmost confidence and shall extend only so far as may be necessary and relevant for purpose of such performance and shall be subject to the terms and conditions of the Non-Disclosure Agreement. The Bidder shall not, make use of any document, data or information etc., enumerated in this Bid Documents save and except for due performance and observance of the Contract. Any document, enumerated in this Bid Documents shall remain the property of Purchaser and shall be returned (in all copies) to Purchaser on completion of the Bidder's performance under and in accordance with the Contract, if so required by Purchaser. The winner of this BID shall sign the Non-Disclosure Agreement at the time of execution and shall treat all information of the Purchase order including BOM, design, services, commercial value and terms as confidential and shall not share with any 3rd party including OEM and shall not use as ref for any other tenders in future.

Authorized Signatory**Name:****Designation:**

Office Seal**Annexure – J****Performance Bank Guarantee Draft**

(On Stamp Paper of Rs.500/- or relevant value)

PERFORMANCE SECURITY:

To,
 The Managing Director
 Maharashtra State Cooperative Bank Ltd
 9, Maharashtra Chambers of Commerce Lane
 Fort, Mumbai – 400001

Whereas, _____ having their registered address as _____
 _____ (hereinafter called “the Bidder”) has
 undertaken, in pursuance of contract no. **MSCB/ITD/NWD/70 /2026-27 dated 24.06.2026** for Upgradation of
 Existing Network Infrastructure for Data center & Disaster Recovery Site to Maharashtra State Co-operative
 Bank Ltd (hereinafter called “the beneficiary”) And whereas it has been stipulated by in the said contract that
 the Bidder shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as
 security for compliance with its obligations in accordance with the contract; And whereas we, _____
 _____ A banking company incorporated and having its head /registered office at _____
 _____ have agreed to give the supplier such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up
 to a total of **Rs. _____ /- (Rupees _____)** and we
 undertake to pay you, upon your first written demand declaring the supplier to be in default under the
 contract and without cavil or argument, any sum or sums within the limits of **Rs. _____ /- (Rupees _____**
only) as aforesaid, without your needing to prove or to show
 grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Bidder before presenting us with the
 demand.

We further agree that no change or addition to or other modification of the terms of the contract to be
 performed there under or of any of the contract documents which may be made between you and the Bidder
 shall in any way release us from any liability under this guarantee and we hereby waive notice of any such
 change, addition or modification.

This Guarantee shall be valid until _____.

Notwithstanding anything contained herein:

- I. Our liability under this bank guarantee shall not exceed as follows:

Sr. No.	Description	Amount
1		Rs. _____ /-

- II. This bank guarantee shall be valid up to _____.
- III. It is condition of our liability for payment of the guaranteed amount or any part thereof
 arising under this bank guarantee that we receive a valid written claim or demand for

payment under this bank guarantee on or before _____, failing which our liability under the guarantee will automatically cease.

- IV. MSC Bank may open any of the above-mentioned bank guarantee based on the specific breach of issue and we shall pay the details on verification of the facts.

Yours Sincerely Authorized Signatory

<Designation of Signatory>

<Name of the Bank>

<Contact Details>

<This letter should be on the letter head of the issuing authority>



Annexure K

List of location Upgradation of Existing Network Security Infrastructure for Data center & Disaster Recovery Site.

Sr. No	Location Name	Palo alto Firewall	Array load balancer	Juniper Switch	Fortinet Switch	Address
1	DC (Airoli)	2	2	3	2	ESDS Software Solutions Ltd. 201 & 202, A&B Wing, 2nd Floor, Reliable Tech Park, Central Rd N, Gavate Wadi, MIDC Industrial Area, Airoli, Navi Mumbai, Maharashtra 400708
2	DR (Bengaluru)	1	1	2	1	ESDS Software Solution Ltd. New STPI Building, Cyber Park 1st Floor, Electronic City, Hosur Road, Plot No.76 & 77, Electronic City Phase1, Bengaluru, Karnataka 560100
	TOTAL	3	3	5	3	

सहकारातून समृद्धी

MSC BANK
SCHEDULED BANK

ANNEXURE -1

PRE-QUALIFICATION CRITERIA

Sr. No.	Criteria	Documents to be submitted as a proof	Page No. of Response where proof is attached
1	The bidder should be a registered company in India under the Indian companies Act 1956/ companies Act 2013 / Partnership Act and should be in existence for minimum period of two years as on the date of RFP.	Proof, such as Registration/Incorporation Certificate is to be submitted.	
2	The bidder should have a minimum of 7 (Seven) years' experience in IT & 4 years in the field of network/Security devices Supply, Installation, Migration, Implementation and Support Business & Cyber Security appliances.	a. Copy of Work order / agreement of the projects (ongoing or completed) to be provided as proof. b. The completion certificate for completed projects may also be furnished, if available.	
3	Must have supplied & implemented minimum Palo Alto Firewall, Array Loadbalancer, Juniper & Fortinet switches in last 5 years.	Copy of Work order / agreement of the projects (ongoing or completed) to be provided as proof. The completion certificate for completed projects may also be furnished, if available.	
4	Bidder should have executed at least one single order for supply & implementation of Firewall, Loadbalancer, core & Tor switches in last 5 years in any of banks/PSU/NBFC/BFSI/Big corporate.	Copy of Work order	
5	Bidder should have a fully functional service / support center in Mumbai with certified Technical Support Staff to provide quality service support.	List of centres to be attached These engineers should be on roll or direct contract employees of bidder and not from any franchisee of the bidder. Certificate of staff to be provided	
6	Bidder should have sound financial background and should have been making profits for the last 3 years and total turnover of the firm should be minimum of rupees 50 Crores for each year, during last three financial years.	Chartered Accountant (CA) certificate and Audited Balance Sheet and Profit and Loss for past three years.	
7	The bidder should have never been blacklisted / barred / disqualified by any regulator / Statutory Body and the bidder/firm is otherwise not involved in any such incident what so ever, where the job undertaken / performed and conducted has been questioned by any authority, which may lead to legal action.	Self-declaration to that effect should be submitted along with the technical bid. On a later date if self-declaration is found to be void it may entail disqualification	
8	The Back to Back OEM warranty & services should be 5 Years.	Self-declaration to that effect should be submitted along with the technical bid.	
9	Bidder should have valid ISO Certification.	Valid documents to be submitted	

10	All Annexures mentioned in RFP documents to be uploaded.	Annexures to be complied and declaration on letter head to be submitted.	
11	The Bidder should have MAF from OEM In specified format mention in annexure.	MAFs from respective OEM(s) as per format given in Annexure-H covering each category of equipment need to be enclosed.	



ANNEXURE -2

TECHNICAL EVALUATION CRITERIA

Sr. No.	Evaluation Criteria	Max Marks	Marks to be awarded
A	Experience in implementation of Data center products	10	
i	Less than 7 Years		2
ii	For 7 years to 9 years		5
iii	For 9 years to 10 years		7
iv	For more than 10 years		10
B	Order for Supply, Installation, Configuration, Implementation and Migration of network/Security devices For Data Center & Disaster Recovery Site for last 6 years. (Juniper-10 Marks, Array-10 Marks, PaloAlto-8, Fortinet-2 Marks) Above mentioned Components/ Technologies must be present compulsorily in the submitted P.O's	30	
	Upto 3 (Purchase orders)		10
	Upto 4 to 6(Purchase orders)		20
	Above 6 (Purchase orders)		30
C	Organization related (Average annual turnover (sales) through IT products during last 3 years)	05	
i	Up to Rs. 50 Cr. To 100.00 cr.		2
ii	Upto Rs. 101.00 Cr. To Rs. 350.00 Cr.		3
iii	Above Rs. 350.00 Cr. Above		05
D	Project completion certificate 3 marks per client (max 15 marks)	15	
i	completion certificates from a client being served for Supply & Installation Palo Alto Firewall, Array Load-balancer, Juniper & Fortinet switches (3 marks for each Clients)		
E	Presentation of Proposed Solution	40	
	Company Profile		5
	Implementation Strategy & methodology		10
	Integration with Existing infrastructure and Legacy systems		5
	Project plan		5
	Post-sales Support		5
	Certificate for Technical Support Staff		10
	Grand Total	100	

** End of Document **