



REQUEST FOR PROPOSAL NOTIFICATION

FOR SELECTION OF THE BIDDERS TO SUPPLY, IMPLEMENT, INTEGRATE, TEST,
MANAGE AND SUPPORT ACTIVE & PASSIVE NETWORK INFRASTRUCTURE AT
DATA CENTER IN NAVI MUMBAI, MAHARASHTRA

RFP Notification: SBI/GITC/Network Technology/2024-25/234 Dated: 25/03/2025

Network Technology Department
State Bank Global IT Centre,
First Floor, D Wing, Sector 11,
CBD Belapur, Navi Mumbai - 400614

DISCLAIMER

- The information contained in this document or subsequently provided to the Bidders, whether verbally or in documentary or in any other form by or on behalf of State Bank of India (SBI) or any of its employees, is provided to the Bidders on the terms and conditions set out in this notification and all other terms and conditions subject to which such information is provided.
- This notification is not an Agreement and is neither an offer by SBI, but an invitation to receive responses from eligible interested firms/bidders to propose their candidature as Supplier and System Integrator for Network infrastructure. The purpose of this notification is to provide interested parties with information that may be useful to them in the formulation of their Proposal. The information contained in this notification has been provided to the best of knowledge of SBI and in good faith. However, the information may not be complete and accurate in all respects and may not be exhaustive. This notification includes statements which reflect various assumptions and assessments arrived at by the SBI in relation to the project.
- The requirement and technical details provided in this Notification are not exhaustive and Bidders are advised to carry out their independent due diligence and risk assessments before submitting their response to this notification. Further, the Bidders are advised to conduct their own analysis of the information contained in this notification, carry out their own investigations into the project, the regulatory regime which applies thereto and all matters pertaining to the SBI and to seek their own professional advice on the legal, financial and regulatory consequences of entering into an agreement or arrangement relating to this notification.
- The information contained in this notification is subject to update, expansion, revision and amendment prior to the last day of submission of the Proposal at the sole discretion of the SBI. In case any major revisions to this notification are made by the SBI within seven days preceding the last date of submission of the Proposals, the SBI may, at its discretion, provide reasonable additional time to the Bidders to respond to this notification.
- The SBI and its employees make no representation or warranty and shall have no liability of any nature to any person including any Bidder or Vendor under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this notification.

SCHEDULE OF EVENTS

S/N	Particulars	Remarks
1	Notice for Inviting Tender	25-03-2025
2	Last Date and time for Submission of Pre-Qualification Eligibility Documents at e-procurement portal	08-04-2025 till 15:00 Hrs
3	Date and Time of opening of Bids	16.00 hrs on 08-04-2025 onward
4	Tentative date of communication to selected bidders who will be invited to participate in RFP process	16-04-2025
5	Contact details of issuing department (Name, Designation, Email and office address for sending any kind of correspondence regarding this RFP)	Name: Shri M Vijaya Kumar Designation: Deputy General Manager Email ID: Procurement.nw@sbi.co.in ; Contact Address: State Bank Global IT Centre, First Floor, D Wing, Sector 11, CBD Belapur, Navi Mumbai-400614
7	Address for submission of Bids (Please incorporate details of e-Procurement Agency portal wherein online bid has to be submitted)	M/s E-Procurement Technologies Ltd, Ahmedabad Website: https://etender.sbi/SBI/

Note: All submitted documents should be digitally signed using Digital Signature Certificate (DSC) of competent authority. Respective Power of Attorney (POA) for establishing eligibility to sign should also be shared.

Detail of E-Procurement Portal:

- M/s E-Procurement Technologies Ltd, Ahmedabad
- Website: <https://etender.sbi/SBI/>
- Contact details:

Name	Email ID	Mobile Number
Laxmi Karli	laxmi@eptl.in	7859800624
Nandan Valera	nandan.v@eptl.in	9081000427
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1 Introduction

1.1 Background

State Bank of India (herein after referred to as 'SBI/The Bank'), having its Corporate Centre at Mumbai, various other offices (LHOs/ Head Offices /Zonal Offices/Global Link Services, Global IT Centre) at various locations and managed by The Bank (collectively referred to as State Bank Group or 'SBG' hereinafter). This Notification has been issued by The Bank for procurement of Supply and Implementation, Integration and Testing, Maintenance and Support of Network Infrastructure to setup Data Centre at Navi Mumbai, Maharashtra.

1.2 Purpose

The purpose of this Notification is to seek a technical proposal for the supply, implement, integrate, test, manage & support the new Data Center (DC) Network infrastructure seamlessly.

The eligible Bidders desirous of taking up the project for supply, implement, integrate, test, manage & support DC network for SBI are advised to go through the Notification and submit their proposal as per the format prescribed in this Notification document. The criteria and the actual process of evaluation of the responses to this Notification and subsequent selection of the successful Bidder to participate in the RFP process will be entirely at Bank's discretion. This Notification seeks proposals from Bidders who have the necessary experience in Data Center networks, capability & expertise to provide SBI with the proposed Hardware Solution/software solution/ service/system adhering to Bank's requirements outlined in this document.

2 Requirement Summary and Pre-Eligibility Criteria

2.1 Requirement Summary

SBI is in the process of setting up a state-of-the art Data Center (DC) in Navi Mumbai to support its projected business growth. The requirement of this Notification is limited to only a network & network security infrastructure. The capacity to be powered up in the DC will be 500 racks and envisaged to scale upto 1000 racks in the future. The space to deploy 1000 racks is available in a single floor along with meet-me telco room (MMR). While the network architecture will be designed to support upto 1000 racks, the sizing, supply and installation will be for upto 500 racks.

The network capabilities of this DC are expected to provide secured seamless connectivity between services hosted in it, the applications in intranet & internet segment, branches and connect to other existing DC setups of The Bank.

The active network architecture will be software-defined networking (SDN) which will use software to manage and control the network. The architecture will enable Bank to centralize management by separating the control plane from the data forwarding function. The network will have switching and routing systems along with log monitoring, packet capturing and communication links. The security systems will have components such as firewalls, IPS, anti-DDoS, server proxy solutions. Bank has its own NOC (Network Operation Center) setup, Entire DC Setup has to be integrated with it and other eco system.

The passive network will have network racks, 1G/10G copper, 10G/25G/50G/100G optical fiber cabling, interconnects, labelling sub-system, conduits, pathways, raceways, etc.

2.2 Pre-Eligibility Criteria

The following pre-eligibility criteria are defined to select the competent Bidders. Bidders need to submit the proof of meeting each of these criteria along with their response. The bidder selection to participate in the RFP process later will be subject to meeting these minimum criteria.

After reviewing the responses, the detailed RFP document, which includes additional eligibility criteria beyond the three mentioned in this document, will be shared only with the bidders who have applied and found qualified by meeting the requirements outlined here.

Note: Before applying, bidders should ensure that they have the necessary experience and expertise in projects similar to the one described in this document.

S/N	Eligibility Criteria	Documents to be submitted by Bidder
1.	The Bidder must be an Indian Company/ LLP /Partnership firm registered under applicable Act in India.	Certificate of Incorporation issued by Registrar of Companies and full address of the registered office along with Memorandum & Articles of Association/ Partnership Deed.
2.	The Bidder must have an average turnover of minimum Rs.750 crore (Rupees Seven Hundred Fifty Crore Only) during last 03 (three) financial year(s) i.e. FY2021-22, FY2022-23 and for FY2023-24.	Copy of the audited financial statement for required financial years.
3.	The Bidder should be profitable organization based on profit before tax (PBT) for at least 02 (two) out of last 03 (three) financial years.	Copy of the audited financial statement along with profit and loss statement for corresponding years and / or Certificate of the statutory auditor for FY2023-24.

3 Technical and Project Phase wise Scope

This section covers high-level illustrative and not comprehensive technical scope and overall project phases as indicated in scope of work under each phase.

3.1 High-Level Technical Scope

The solution envisaged by Bank will include the following sub-systems. The overall scope of bidder is supply, implement, integrate, test, manage & support the DC network & network security infrastructure covering both active and passive cabling system.

- 3.1.1 Routing and Switching Components:** Essential for managing traffic within and across the Data Centre.
- 3.1.2 Server Farm Switching Fabric:** Required for handling communication between multiple servers.
- 3.1.3 Firewalls and Zones:** Key for security to protect the network infrastructure.
- 3.1.4 Intrusion Prevention Systems (IPS):** To identify and prevent any malicious activities.
- 3.1.5 Anti-DDoS:** To mitigate Distributed Denial of Service attacks.
- 3.1.6 Communication Links from Different Service Providers:** Ensures diverse connectivity options for resilience.
- 3.1.7 Packet Capturing Solutions:** Used for network analysis and troubleshooting.
- 3.1.8 Load Balancers:** To balance the load across servers.
- 3.1.9 Log Monitoring Solutions:** For monitoring network activities and identifying issues in real-time.
- 3.1.10 Network Monitoring Solutions (or integration with current NMS):** For proactive monitoring and management of the entire network.
- 3.1.11 Passive Components:** Such as network cabling, racks, trays, pathways, and conduits, which are necessary for setting up the physical cabling infrastructure.

The capacity and specifications of each of these systems will be included later in the RFP which will be shared with the qualified bidders as per this document. The above information is for the purpose of bidder to understand various technology components that will form the solution.

3.2 Project Phase wise Scope

The project phase-wise high-level scope is given below.

3.2.1 Product Supply

- Validate the BoQ .
- Supply products as per the BoQ.

3.2.2 Material Inspection

- Share material delivery challans and supporting documents with Bank.
- Work along with Bank on the material inspection.
- Conduct power on test.
- Prepare the list of gaps/deficiencies, if any.
- Remediate the deficiency, if any.
- Work along with OEM on RMA (Return Merchandise Authorization), if any.
- Supply the replacement to Bank.

3.2.3 Implementation

- Implement the products as per the signed-off design.
- Configure the systems to meet the client requirement.
- Carryout individual system level testing.
- Document the outcome of the testing.

3.2.4 Integration

- Integrate various subsystems such as routing, switching, firewalls, IPS, Proxy, DDoS, passive cabling etc.
- Configure systems as needed for integration.

3.2.5 Testing

- Carryout integration testing.
- Document the integration test result.
- Share the report with Bank.

3.2.6 Implementation Validation

- Share post-implementation document with Bank.
- Work along with Bank on the implementation validation.
- Prepare the list of gaps/deficiencies, if any.
- Reinstall/reconfigure/fine-tune the systems, if any. needed to meet the client requirement.
- Remediate the deficiency, if any.
- Repeat the test and submit the test result.

- Ensure the completeness of installation and implementation.

3.2.7 Training and Sign Off

- Deliver knowledge transfer training to the identified participant from Bank.
- Provide hyper-care support, if any.
- Sign Off.

4 Notification Proposal Response Format

The bidders are requested to submit their response as per the format given below.

S/N	Name of the Chapter	Contents
Chapter1	Introduction of Bidder company	Company profile (maximum 3 pages)
Chapter2	Compliance to pre-eligibility criteria	Include all the supporting documents for item 1, 2, 3 listed in pre-eligibility criteria table

Note:

1. All submitted documents should be digitally signed using **Digital Signature Certificate (DSC) of competent authority**. Respective Power of Attorney (POA) for establishing eligibility to sign should also be shared.
2. It is mandatory for all the Bidders to have class III Digital Signature Certificate (DSC) (in the name of person who will sign the Bid) from any of the licensed certifying agency to participate in this RFP. DSC should be in the name of the authorized signatory. It should be in corporate capacity (that is in Bidder capacity).