

The New Development Bank

Request for Proposal

(This is not a Purchase Order)

1. Introduction

The New Development Bank (NDB) is issuing a Request for Proposal (RFP) to invite qualified suppliers to provide proposals to NDB's S-IT-2025-02132 Azure Cloud Infrastructure Service Y2026-28 for IT Infra for IT Infra project. Please refer to the following information and attachment for detailed requirements.

NDB invites those interested and qualified companies to register with NDB's e-procurement system to be our **registered suppliers** and participate in the bidding process (**please be advised the contact information provided in registration, especially email address, must be correct as all communications regarding the bid, including RFP distribution and award notice, will be sent through it**). NDB will choose the most suitable one(s) from the shortlisted suppliers. NDB at its sole discretion reserves the right to reject all proposals in accordance with its internal policy and guidelines.

2. RFP Schedule

Please be advised the following activities could take place in the RFP process. NDB will inform the specific arrangements in advance and the suppliers are requested to respond in a timely manner.

Activity	Date
Distribution of RFP	Oct. 22, 2025
Deadline for Questions	Nov. 3, 2025
Proposal Response Due	Nov. 11, 2025
Signing Contract	TBD
Project Kick Off	TBD

**The RFP Schedule is for reference only and NDB has its sole discretion to adjust as per the project's needs.*

3. Instruction to bidders

3.1 Contact Information

Please use the following contact information for all correspondence with NDB concerning this RFP.

Name: Jimmy Wang

Address: 26th floor, NDB Headquarters, 1600 Guozhan Road, Pudong, Shanghai, China

中国上海浦东新区国展路 1600 号，新开发银行总部大楼 26 层

Email: wang.junfeng@ndb.int

3.2 Submission of Proposals (Introduction to use of NDB's e-procurement system)

Proposals shall be prepared in English. Electronic version is obligatory and shall be uploaded in NDB's e-procurement system.

For submission of proposal, the qualified suppliers should register with NDB's e-procurement system to be **NDB registered suppliers** (subject to NDB's internal approval) in advance. All registration information shall be in English except for uploads of scanned or copied documents originally produced in other languages. Then registered suppliers need to **ENROLL** in the procurement notice (for open competitive bidding) or **ACCEPT** the invitation (for limited competitive bidding) before submitting proposal online according to the timeline:

<https://www.ndb.int/procurement-opportunities/corporate-procurement/>

The deadline, due time, closing date, among others, referred to herein means Beijing time; and NDB's business time is from 9:00AM to 5:15PM in working days.

3.3 Questions

Please submit questions in writing by e-mail. Suppliers are advised to refer to the specific paragraph and page number in RFP and should quote the corresponding passage. NDB will be prompt in responding to the questions. All questions will be responded to as a group and sent to all suppliers. NDB will not provide feedback to questions raised beyond deadline.

3.4 Ownership of Materials

All materials submitted in response to this RFP become the property of NDB. Proposals and supporting materials will not be returned to suppliers.

3.5 Proposal Costs

NDB is not responsible for any costs incurred by the supplier in the preparation of the proposal or the site visit.

3.10 Proposal Format (if applicable)

NDB recommends that the proposal should contain **three** parts as follows. **The supplier may choose another proposal format as long as it suits the purpose.**

- Volume 1 – Information on the supplier. The supplier is required to provide the basic information in the attached table (attachment 2). Please fill out the table as complete as possible. More information will help us in evaluation.
- Volume 2 – Main Proposal

Section 1	Executive Summary
Section 2	Functional Section
Section 3	Technical Section
Section 4	Project Management Section
Section 5	Support Section

- Volume 3 – Price Proposal – Should be in a separate document even though it is an integral part of the proposal. The currency is **USD**; if quoted in other currencies, the exchange rate should be clearly defined. **The price shall be inclusive of applicable taxes (if not, please specify)**; other charges shall also be clearly defined.

3.7 Validity Period

The proposal, including pricing quotation, shall be valid at least for 120 days.

3.10 RFP Amendments

New Development Bank reserves the right to amend this RFP any time prior to the closing date. Amendments will be issued only to suppliers who are going to complete a proposal.

3.10 Sub-contractor

NDB expects to negotiate and sign contract with one winning supplier. NDB will accept only complete solutions from a primary supplier and will not accept any incomplete proposals that are only cover part of the RFP. The prime supplier will be responsible for the management of all subcontractors. NDB will not accept any invoices from subcontractors or become part of any negotiations between a prime supplier and a subcontractor. If there is any sub-contractor involved or engaged by the supplier, it shall be clearly stated in the proposal.

3.10 Award Notification

NDB will negotiate with all shortlisted suppliers before deciding the winning supplier. NDB reserves the right to negotiate further with the winning supplier before or in the contracting process. The award notification is sent to the winner online in the e-procurement system. NDB is not obliged to notify the bid outcome to unsuccessful suppliers.

4. Evaluation Criteria

The proposals will be reviewed and evaluated by NDB's team in accordance with the related policy and guidelines, especially the six principles (Economy, Efficiency, Competition, Transparency, Value for Money, Fit for Purpose) contained in NDB's corporate procurement policy. NDB is interested in obtaining a complete solution to the requirements contained in this RFP. Proposals that meet the proposal instructions and requirements will be given a thorough and objective review. Proposals that are late, or do not comply with proposal instructions, or take exceptions to mandatory requirements will be excluded. The following are the key factors that would be taken into consideration for evaluating the proposals.

i. Technical Approach and Methodology or Software Solution

Primary consideration will be given to the mandatory requirements as listed in this RFP.

The following are the main factors in the evaluation.

1. Meeting the requirements as stated in this RFP;
2. Understanding of the work to be performed;
3. Technical approach and methodology to accomplish the work;
4. Completeness and competence in addressing the scope of work.

ii. Project Management

NDB also believes that effective project management is essential for a successful implementation. Suppliers will be evaluated on the completeness and responsiveness of their project management plans and the project team assigned.

As part of the project management plan, suppliers must demonstrate adequate experiences in developing and implementing the requested project. NDB's confidence in the suppliers' ability to meet deadlines and successfully manage similar projects will be a primary consideration.

Special consideration is given to suppliers who propose a detailed project plan with sufficient breakdown of tasks and steps to demonstrate a complete understanding of the project.

iii. Pricing

NDB will consider pricing as part of the evaluation criteria. **Lowest price is not essential to win.** However, large pricing differentials between suppliers will be carefully examined. Price will be used as a final indicator for determining the supplier finalists when all other criteria have been normalized.

iv. Presentation and Demonstration

The performances and results of Presentation and Demonstration will be evaluation factors.

v. Support and Maintenance

NDB believes the ability to perform timely support is also an important factor for the success of this project. Therefore, suppliers should provide adequate information to demonstrate their capabilities to fulfill this task.

5. Contract

The participants shall review the service agreement template provided by NDB in advance. The use of NDB's version of service agreement is preferable. NDB Template for Service Agreement and NDB General Terms and Conditions for Procurement Contracts can be found on the NDB's official website: <https://www.ndb.int/procurement-opportunities/corporate-procurement/>

Please note that, being an international institution, NDB enjoys privileges and immunities as per the Articles of Agreement ([Agreement on the New Development Bank](#)) and disputes will be resolved by a reputable international arbitration center. The preferable forum is Shanghai International Arbitration Center ("SHIAC") or any alternative forum in a neutral jurisdiction.

Attachment 1:

Service Scope (Statement on Work)

NDB Azure Cloud Infrastructure Service Technical Requirements

Executive Summary

Project Description

This project is centred around leveraging Microsoft Azure (Azure) public cloud infrastructure services to support IT services of the bank. Azure has been instrumental in providing scalable, reliable, and secure cloud solutions tailored to meet the demanding requirements of our banking IT operations.

Objectives

The following objectives are expected:

- **Scalable Infrastructure:** Utilize Azure Cloud's computing and related services to provide scalable infrastructure capabilities, enabling dynamic resource allocation and efficient handling of varying workloads.
- **High Performance and Availability:** Leverage Azure Cloud's features to ensure high performance and availability of banking applications, with built-in redundancy to minimize downtime.
- **Data Security and Compliance:** Utilize Azure Cloud's encryption, access control, and compliance features to enhance data security, meet regulatory requirements, and maintain governance standards within the cloud environment.
- **Regional Data Center Availability:** Ensure availability of Azure Cloud data centers. Providing low-latency access and compliance with data residency requirements for banking operations.
- **Flexible Payment Options:** Provide subscription-based payment methods for Azure Cloud services to ensure flexibility in purchasing. This includes options for monthly billing (on-demand) as well as yearly reserve instance payment, allowing the bank to choose the payment model that best suits its usage patterns and budgetary requirements.

Functions and Features

Functional Requirements

FR1. Fundamental Function Requirements

Details

The following requirements are requested.

1. Computing Service:
 - Provision and manage virtual machines (VMs) and containers on-demand.
 - Scale compute resources vertically or horizontally based on workload demands.
 - Provide extensive OS support including Red Hat Enterprise Linux and Windows Server. Users can also upload custom OS images on demand, tailoring configurations, and software to meet specific application needs.
 - Configure networking, security groups, and access controls for virtual machine instances.
 - Provide snapshot backup mechanism for the VM backup and recovery.
2. Relational Database Service:
 - Deploy and manage relational database instances such as MySQL, PostgreSQL, SQL Server, etc.
 - Ensure high availability, data durability, and automatic backups for database instances.
 - Optimize database performance through parameter tuning and monitoring.
3. Virtual Private Cloud (VNET)
 - Provide secure network isolation for cloud resources.
 - Support creation of custom VNETs, subnets, and routing tables. Ensure network segmentation and access control through security groups and network ACLs.
4. Elastic IP (EIP)
 - Allow dynamic and static public IP assignment to cloud resources.
 - Provide a pool of Elastic IPs for allocation and release. Support association and disassociation of EIPs with VM instances or other services. Ensure seamless failover and reassignment during instance replacement or migration.
5. Virtual WAN Network (VWAN)
 - Enable easy interconnectivity between VNETs across regions.
 - Support creation and management of VWAN instances. Provide secure and reliable connections between VNETs using Azure Cloud's backbone network. Ensure low-latency and high-bandwidth communication between interconnected VNETs.
6. Network Connectivity to On-Premises
 - Establish secure and reliable connectivity between Azure and NDB backbone network within an intranet.

- Provide VPN or dedicated private connectivity options (e.g., Express Connect) for establishing a secure link between Azure VNETs and on-premises networks. Ensure low-latency communication, high bandwidth, and data encryption for data transmission. Support routing and network configurations to integrate Azure resources seamlessly with on-premises infrastructure.
7. Load Balancing:
 - Implement load balancing to distribute incoming traffic across multiple VM instances or backend services.
 - Support for different load balancing algorithms (e.g., round-robin, least connections) and health checks.
 - Ensure fault tolerance and high availability by routing traffic to healthy instances.
 8. Network Attached Storage (Blob):
 - Provide shared file storage accessible over the network for multiple VM instances.
 - Support file-level access protocols such as NFS (Network File System) and SMB (Server Message Block).
 - Ensure scalability, data consistency, and data durability for Blob storage solutions.
 9. Automation and Orchestration
 - Support automation and orchestration of cloud infrastructure and deployment processes.
 - Support infrastructure as code tools such as Terraform or Azure Cloud resource orchestration service for automated provisioning and configuration management. Integrate with DevOps tools and workflows for continuous integration and deployment (CI/CD). Provide APIs and SDKs for programmatic access and automation tasks.
 10. Availability Zone and Regions
 - Provide a minimum of three availability zones in each of the regions.

FR2. Security

Details

Outlined below are the security requirements:

1. Identity and Access Management (IAM)
 - Implement robust identity and access controls for cloud resources.
 - Utilize IAM services to manage user identities, roles, and permissions.
 - Enforce least privilege principles to restrict access based on job roles and responsibilities.
 - Enable multi-factor authentication (MFA) for enhanced account security.
2. Network Security
 - Ensure network security through defined security groups and access control lists (ACLs).

- Provide security groups to control inbound and outbound traffic for VM instances and other services.
3. DDoS Protection, WAF, and Gateway Security
 - Mitigate Distributed Denial of Service (DDoS) attacks and protect against web-based threats.
 - Provide Anti-DDoS services to detect and mitigate DDoS attacks.
 - Support a Web Application Firewall (WAF) to protect web applications from common vulnerabilities and attacks.
 - Support secure gateway services (such as API Gateway or NAT Gateway) with proper authentication and access controls.
 4. Encryption and Data Protection
 - Ensure data confidentiality, integrity, and protection both in transit and at rest.
 - Utilize TLS/SSL protocols for encrypting data in transit between users and cloud services.
 - Support encryption mechanisms (e.g., AES-256 encryption) for data stored in databases, object storage, and backups.
 5. Comprehensive Security Protection for All Services
 - Provide comprehensive security measures by default for all services offered by Azure Cloud.
 - Ensure that default security configurations provided by Azure Cloud for services align with industry best practices and compliance standards.

FR3. Monitoring and Logging

Details

The following requirements are expected:

1. Email Notifications for Alerts and Maintenance

Enable email notifications to inform customers about alerts, maintenance activities, and other critical matters.
2. Logging and Monitoring Capabilities
 - Provide comprehensive logging and monitoring capabilities for cloud resources and services.
 - Support logging of system events, application logs, security events, and performance metrics.
 - Enable log aggregation, search, and analysis using Azure Cloud's logging and monitoring tools or compatible third-party solutions.
3. Admin Audit Logs
 - Ensure secure and compliant data retention practices for logs and monitoring data.
 - Support audit logs for logging services to track access and modifications to log data.

FR4. Maintenance and Support

Details

Here are maintenance and support requirements:

1. 24/7 Service Availability
 - Ensure continuous availability of Azure Cloud services for customers.
 - Provide 24/7 support service to essential cloud services, including infrastructure, networking, storage, and management tools.
2. Incident Response and Escalation
 - Provide robust incident response procedures for timely issue resolution.
 - Maintain a dedicated incident response team available to handle critical issues and emergencies.
 - Provide escalation paths and procedures for escalating issues based on severity levels and impact on services.
3. Scheduled Maintenance and Updates
 - Provide scheduled maintenance and updates with minimal impact on customer operations.
 - Minimize service disruptions by implementing rolling updates, live migrations, or failover mechanisms where applicable.
4. Support Channels and Response Time
 - Offer multiple support channels and maintain responsive support services, including various channels such as phone, email, chat, and ticketing systems.
5. Continuous Improvement and Feedback
 - Continuously improve maintenance processes based on customer feedback and industry best practices.
 - Collect customer feedback through surveys, support interactions, and post-incident reviews.

Non-Functional Requirements

NF1. Language Requirements

Details

The project documentation, codebase, and all communication must be conducted in English to ensure clarity and consistency across all stakeholders.

NF2. SLA Requirements

Details

The vendor should support 99.95% availability. Planned maintenance windows are not considered for the availability calculation.

NF3. Current Azure service usage and relevant license list (I.e., Windows Server or SQL Server)

Details: Approximately 130 servers are hosted on Azure now, we also have 50 WinSvrStd and 6 SQL Server Standard licenses. Details can be found in Attachment-3

NF4. Projected 36-month usage forecast and relevant license (I.e., Windows Server or SQL Server)

Details a roughly 25% increase in the consumption volume by the end of 3 3-year period.

NF5. Commercial

Details Supplier needs to clearly demonstrate the Discount percentage off the Azure Plan list prices; pricing for Reserved Instances and Azure Hybrid Benefit according to the projected usage forecast provided by NDB.

NF6. Qualification

Details Suppliers need to provide the officially recognized and capable partner certificate issued by Microsoft, which especially covers NCEI or NCEI SA and MCCL EA or CSP. Suppose the supplier is a Microsoft NCEI SA or CSP. In that case, they must also demonstrate both the capability to perform the migration and a clear understanding of the differences between NCEI and CEI SA or MCCL EA and CSP. i.e., the benefits and impact to NDB.

NF7. Project Duration

Details 3 years

Attachment 2:

Information Category	Description	Supplier's inputs
General Information	Legal Entity Name	
	Legal Address	
	Website	
	Government Registration Number	
	Date of Registration	
	Tax ID	
	Name(s) of Authorized Signatory	
	Contact Information (name, title, mail address and telephone number)	
	Amount of Employee	
	Three reference customers (minimum)	
Financial Information	Registered capital	
	Revenue of last 3 years	
Other Information	Information Security Credentials if any	
	Data residency location, for providing service required in the RFP	
	IDD/ AML Sanctions, Yes or No. If yes, please specify.	
	Others deemed necessary	

Attachment 3:**China:**

Azure Bastion	1
Azure Database for MySQL	1
Azure Site Recovery	2
Backup	8
Bandwidth	32
Insight and Analytics	3
Load Balancer	5
Network Watcher	1
Security Center	36
Storage	179
Traffic Manager	2
Virtual Machines	75
storageAccounts	7
Disk	100
Snapshot	20
publicipaddresses	8
virtualnetworkgateways	1
expressroutecircuits	1

Global:

API Management	1
applicationgateways	9
Azure Active Directory for External Identities	1
Azure App Service	34
Azure Applied AI Services	1
Azure Cognitive Search	1
Azure Database for MySQL	11
Azure Database for PostgreSQL	1
Azure DDOS Protection	1
Azure DevOps	3
privateDnsZones	24
DNSzones	2
Azure Firewall	1
Azure Front Door Service	1
Azure mointor	

Action groups	2
workspace	1
metric alert	24
Microsoft.RecoveryServices	21
Cognitive Services	3
Content Delivery Network	2
Event Hubs	1
expressroutegateways	2
Key Vault	7
Load Balancer	8
workspace	4
Logic Apps	1
NAT Gateway	1
Network Watcher	2
SQL Database	4
Service Bus	1
disks	591
snapshots	172
storageAccounts	73
Virtual Machines	221
vpngateways	5
virtualhubs	8
publicipaddresses	86

License:

SQL Server Standard Core 2019 SLng 4L	1
SQL Server Standard Core 2017 SLng 4L	4
SQL Server Standard Core 2016 SLng 4L	1
WinSvrStd 2012R2 SNGL OLP NL 2Proc	3
WinSvrStd Core2019 SNGL	50