

Request for Quotation

1. Introduction

New Development Bank (NDB) requires RFID asset management system in Shanghai office, including delivery, deployment, configuration and maintenance. Please feedback the quotation according to the requirements in this document.

2. Time

Please feedback this request by December 6th, 2019.

The minimum validity of the quotation should be one month.

The response to the RFQ should include fees for each of the requirement line item.

3. Technical Specifications

The products should be ordered under the name of New Development Bank as final customer.

Hardware specifications:

Item	Model	Quantity	Specifications
1	Wireless IoT Access Unit		To cover the entire office area
2	RFID Tag	500	2.4GHz Active Asset Management Tag with Light Sensor & Tamper-Proof Mechanism
3	IoT Management AC	1	4-Port 1000BASE-T PoE Plus and 1-Port 1000BASE-T Access Controller
4	IoT Access Switch	10	24-Port Quiet Wireless Terminator

Software and service specifications:

Item	Model	Quantity	Specifications
1	IoT Platform	1	Include the following features: <ul style="list-style-type: none">• Manage IoT Platform• Assets Management Application• Location Engine• Identity and Access Management Application• IoT Node License, 1000 Nodes
2	Customized development		IoT Customized Development to fulfil NDB needs
3	Maintenance for 2 years		Technical Operation And Maintenance Service For IoT Private Cloud Platform

4. Implementation Specifications

- IoT platform should provide asset management and personnel positioning functionality.
 - a. Asset management is to achieve effective management of instruments and equipment, automatic data acquisition through remote recognition and realize the safety management of assets by using light sensitive anti demolition.
 - b. Personnel poisoning management should include functionalities such as real time location, personnel management, historical movement track and electronic fence alarm.
- The IoT asset unit deployment plan must be reviewed and agreed by NDB to ensure full coverage of the bank's assets.
- Update of environment configurations to meet NDB standard.
- Four-hour response time and 4-hour 7*24 on-site time in case of urgent system issues during hardware maintenance period.
- Follow-up solution and proactive report of system issues to NDB.

5. Contacts

Please send the RFQ response in an encrypted and password protected ZIP file to

Mr. Gu Qinghua, gu.qinghua@ndb.int

Please send the ZIP password in a separate email to

Mr. Alexander Baryshnikov, Baryshnikov.alexander@ndb.int