

Request for Quotation – Trading Hall Weak Electricity

1. Introduction

New Development Bank (NDB) requires Trading Hall setup in the Shanghai office, including delivery of equipment, system implementation and maintenance service. Please feedback the quotation according to the requirements in this document about weak electricity implementation.

2. Time and contact

Please feedback this request by January 19th, 2018; early delivery is acceptable.

The minimum validity of the quotation should be one month.

Please send proposal (quotation) to:

Mr. Wang Huaxue

33rd floor, BRICS Tower, No. 333 Lujiazui Ring Road, Pudong, Shanghai

wang.huaxue@ndb.int, 80211831

3. Requirement Specifications

All products should be ordered under the name of New Development Bank as final customer. The deployed device and product should be among industry well-known top brands which can stably running for at least 5 years. The product user interface and administration interface is required in English.

Functional Requirements

FR1. Network Cabling Standard

Details	<ul style="list-style-type: none">• CAT6 cabling and related linked parts and sockets are required.• Optical fibre (2N) and related parts should integrate properly with existing system.
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FR2. 35F Trading Hall – Trader Seat

Details	<p>There are 10 traders' tables and seats already in the trading hall. No plan to change the already settled furniture.</p> <p>For each trader's table, the following are required:</p> <ul style="list-style-type: none">• 8 RJ-45 network sockets under the table. 4 are required to connect to one switch, and 4 to another switch in the Trading Hall IT Room. The network cable is aggregated at the 35F server room.
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FR3. 35F Trading Hall – Assistant Seat

Details	<p>There are planned 6 assistant tables and seats to be in the trading hall, 3 on each side. For each assistant's table, the following are required:</p> <ul style="list-style-type: none">• 4 RJ-45 network sockets under the table. 2 is required to connect to one switch, and 2 to another switch in the Trading Hall IT Room
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FR4. 35F Trading Hall – Surveillance

Details	<ul style="list-style-type: none">• Surveillance recording in the trading room for security reason.• The surveillance camera is connected to existing office surveillance system and monitored by NDB security team.
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FR5. 35F Trading Hall – Supporting Facilities

Details	<ul style="list-style-type: none">• The planned supporting facilities in the trading hall includes IPTV and world clock• Network cabling to support 8 devices should be prepared.
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	<ul style="list-style-type: none"> • Place and holders for the support facilities should be prepared.
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FR6. 35F Trading Hall IT Room

Details	<ul style="list-style-type: none"> • Two new server racks are prepared with dual power source, one source from the UPS power, and one from municipal power. • The existing air-conditioner and its supporting pump should be connected to IT environment control system. Power is from municipal power and STS which combines municipal power and UPS power from 32F. • The fire alarm should be verified and working with existing fire resistant system in the office and in the building. Fire extinguisher is required. • Redundant optical fibre is implemented to connect via 35F LV room to 32F server room switch. • Cabling clean-up is required.
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FR7. 32F Server Room

Details	<ul style="list-style-type: none"> • Replace the battery of existing 30kw UPS with sufficient capacity to support 2 hours power outage. The new battery is placed in the 32F UPS room. • Implement dual power supply to server racks, one sourced from UPS, the other sourced from municipal power. For each rack, place 2 PDUs each with 16 sockets and connected with the dual power source. • The power supply behind UPS is ATS, behind which is the proper switch of dual municipal power and diesel power supplied from the building. • Cabling clean-up is required.
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FR8. 32F UPS Room

Details	<ul style="list-style-type: none"> • Implement a new UPS with 60KVA power and sufficient battery to support 2 hours power outage. The UPS power is supplied via the existing cable to 35F server room. • The power supply behind UPS is ATS, behind which is the proper switch of dual municipal power and diesel power supplied from the building.
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Non-Functional Requirements

NF1. Location

Details	<ul style="list-style-type: none"> • The project is at NDB transitional office at 32F and 35F
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NF2. Decoration Recovery

Details	<ul style="list-style-type: none">• Necessary decoration recovery is required.
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NF3. Regulations

Details	<ul style="list-style-type: none">• The project should comply with NDB Legal and Compliance requirement• The supplier should actively collaborate with NDB and the building property management in the project delivery.
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NF4. Documentation

Details	<ul style="list-style-type: none">• The supplier should provide engineering design document for this project.
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NF5. Maintenance and Warranty

Details	The supplier should provide three year maintenance service and at least three years' warranty of the supplied parts and device.
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NF6. Timing

Details	The project is required to complete before the end of February, 2018
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