

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HIGH-PERFORMANCE CORE-BANKING SERVERS,
STORAGE AREA NETWORK (SAN), SAN SWITCHES, AND SERVICE LEVEL AGREEMENT FOR THE HARDWARE
INFRASTRUCTURE. PROCUREMENT REFERENCE No: NBS/ICT/CBS-HARDWARE-INFRASTRUCTURE/04/2024**



NBS

Standard Bidding Document

for the Procurement of

**HIGH-PERFORMANCE CORE BANKING SYSTEM SERVERS &
STORAGE AREA NETWORK (SAN), SAN SWITCHES, AND
SERVICE LEVEL AGREEMENT (SLA) FOR THE HARDWARE
INFRASTRUCTURE**

April 2024



BID SCHEDULE & ADDRESSES

| SI. | DESCRIPTION | DETAILED INFORMATION |
|-----|---|--|
| 1. | Name of Project | Supply, Delivery, Installation and Commissioning of High-Performance Core Banking System Servers & Storage Area Network (SAN), SAN Switches and Service Level Agreement (SLA) for the Hardware Infrastructure. |
| 2. | Reference Number | NBS/ICT/CBS-HARDWARE INFRASTRUCTURE/04/2024 |
| 3. | RFP Available Date | 26 April 2024 |
| 4. | Pre-Bid Meeting at 14 th Floor, SSC Building, Cnr. J. Nyerere/S. Nujoma Road | Monday 29 April 2024 @ 1000hrs |
| 5. | Deadline for RFP Questions | 24 May 2024 @ 1000hrs |
| 6. | Closing Bidding Cut-off Date and Time | 31 May 2024 @ 1000hrs |
| 7. | Place to Submit Bids/Opening of Bids | NBS Block 4, 2 nd Floor Celestial Park Borrowdale Road Borrowdale |
| 8. | Date and Time of Opening of Bids | 31 May 2024 @ 1000hrs |
| 9. | Name, Address and Email for Communications | The Procurement Management Unit NBS Block 4, 2nd Floor, Celestial Park Borrowdale Road Borrowdale Email: procurement@nbs.co.zw Website: http://www.nbs.co.zw |



BACKGROUND: ABOUT US

NBS Limited ("NBS") is a Registered Building Society under the Building Society Act chapter 24:20. The Society was set up with the sole mandate of contributing to the National Housing stock and in support of the Zimbabwean Government ZIMASSET and Financial Inclusion programmes.

NBS is the brainchild of the Zimbabwean **National Social Security Authority** (NSSA) and a result of an investment through the National Pensions Scheme (NPS) fund and the Workers Compensation Insurance Fund. Through its solid capital base and support structure, NBS is poised to be the market leader in the provision and facilitation for affordable housing developments.

NBS will continue to aggressively grow market share in this focus area through a client-centric selling approach coupled with the cross and up-selling of other products and services offered by its strategic partners and shareholder NSSA. NBS will continuously pursue innovative channels in the delivery of service to its client with a fundamental focus on enabling convenience and affordability. The NBS business structure is geared towards creation of a one-stop-shop financial powerhouse through the wide array of products and services.

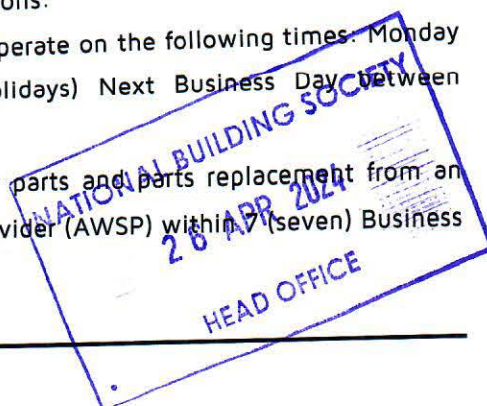


INTRODUCTION

NBS (NBS/ "The Society") is pursuing to engage suitably qualified and accredited Service Providers for the **SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING of High-Performance Core Banking System Servers and Storage Area Network (SAN), SAN Switches, and a Service Level Agreement for the Support and Maintenance of the Hardware Infrastructure at NBS** as defined in this document.

Key Considerations for Prospective Bidders:

1. The proposed Hardware Infrastructure must support the installation of the **Finastra Fusion Essence Core Banking System** (<https://www.finastra.com/solutions/fusion-essence>).
2. The Fusion Essence and Fusion Teller Software runs on both **IBM POWER AIX** and **LINUX** Operating System Environments and requires the following mandatory IBM Software, which have already been licensed to NBS by Finastra under the **Application Specific Licensing (ASL) Agreement with IBM**: (i) DB2. (ii) WebSphere Application Server (WAS), (iii) MQ Queue Manager, (iv) Business Automation Workflow (BAW), and (v) Business Process Manager.
3. Warranty Service Upgrade (WSU) and Maintenance Service Upgrades (MSU) enhance the level of service from the base service offered during warranty and post-warranty respectively for a given machine type/model. The proposed Hardware Infrastructure must have basic warranty as follows:
 - a. Servers – 3 Year Standard Warranty.
 - b. Enterprise Storage – 3 Year Standard Warranty
 - c. Storage Area Network Switches (SAN) Switch - 3 Year Standard Warranty
 - d. IBM Standard Warranty Terms & Conditions:
 - i. The Standard Warranty should operate on the following times: Monday – Friday (Excluding Public Holidays) Next Business Day between 0900hrs – 1700hrs.
 - ii. Standard warranty should cover parts and parts replacement from an Authorised Warranty Service Provider (AWSP) within (seven) Business Days.



4. Service Level Agreement (SLA) Terms & Conditions:
 - a. The SLA should operate on the following times: Monday – Friday between 0900hrs – 1700hrs, Saturday 0900hrs – 1300hrs, 24/7 Remote Support including Public Holidays on emergency.
 - b. Preventative Maintenance, Installations, Software Maintenance (SWMA), System Health & Safety Checks

5. The Bidder should be PRAZ registered for the captioned RFP. The Bidder must inform the Bank of the clients that they are currently dealing with, and the Bank reserves the right to reject the bid in case the source of supply is not disclosed. The bidder should submit proof that they have carried out services of similar nature currently and are currently operational.



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Part 1: Bidding Procedures

Part 2: Procuring Entity's Requirements

Part 3: Contract



PART 1: BIDDING PROCEDURES

References:

References to the Act are to the Public Procurement and Disposal of Public Assets Act [Chapter 22:23] and references to the Regulations are to the Public Procurement and Disposal of Public Assets (General) Regulations (Statutory Instrument No. 5 of 2018). The terms and requirements in the Act and Regulations govern the submission of Bids and should be read by all Bidders.

Preparation of Bids

You are requested to bid for the items specified in the **Statement of Requirements** below, by completing and returning the following documentation:

1. the Bid Submission Sheet in this Part;
2. the Statement of Requirements in Part 2;
3. a copy of every document necessary to demonstrate eligibility in terms of section 28 (1) of the Regulations;
4. Supplier Registration number showing that you are registered with the Procurement Regulatory Authority of Zimbabwe;
5. A bid security or bid securing declaration in the format specified in this Part;

You are advised to carefully read the complete Bidding Document, as well as the Special Conditions of Contract in Part 3: Contract, before preparing your Bid. The standard forms in this document may be retyped for completion but the Bidder is responsible for their accurate reproduction. All pages of the Bid must be clearly marked with the Procurement Reference Number above and the Bidder's name and any reference number.



Part 2: Procuring Entity's Requirements (Scope of Works)

The Society intends to engage service providers for procurement and implementation of the following.

| Quantity | Feature/Attribute | Required Specification |
|---------------|--|--|
| PART A | Power 10 Servers, Storage Area Network (SAN) and SAN Switches. | Supply, installation and commissioning of High-Performance Servers, Storage Area Network (SAN), and SAN Switches hardware for installation of the Finastra Fusion Essence Core Banking System and Fusion Teller Branch System. |
| PART B | Service Level Agreement (SLA) | <ol style="list-style-type: none"> The SLA should operate on the following times: Monday – Friday between 0900hrs – 1700hrs, Saturday 0900hrs – 1300hrs, 24/7 Remote Support including Public Holidays on emergency. Preventative Maintenance, Installations, Software Maintenance (SWMA), System Health & Safety Checks |

Note: Bidders may bid for both solutions of either of the two.

Request for Clarifications (Optional)

- Clarification of the bidding document may be requested in writing by any Bidder up to **24 May 2024** and should be sent to procurement@nbs.co.zw.

Validity of Bids (Mandatory)

- The minimum period that the Bidder's bid must remain valid is **90 (Ninety) days** from the deadline for the submission of bids.

Pre-bid Meeting (Mandatory)

- There will be a pre-bid meeting on **29 April 2024 at 1000, at NBS SSC Head Office.**
- Attendance at the Pre-Bid Meeting is mandatory, and prospective bidders will sign the attendance register.



- **Bidders who do not attend the Pre-Bid Meeting will be automatically disqualified from participation on the tender.**

Mandatory Requirements - Payments/Fees)

Currency

Bids should be priced in United States Dollars currency. The currency of evaluation will be United States Dollars.

SPOC FEE

Bidders are also required to pay the administration fee of **USD\$400.00** payable by bidders for bids subject to prior review by the Special Procurement Oversight Committee in terms of section 54 of the Act and as set out in Part IV of the Fifth Schedule to the Regulations. *The payments should be made into PRAZ Bank accounts as indicated on the PRAZ portal and bidders are required to attach the proof of payment*

Bid Security

The Bidder must include either:

Option1: A bid security of **\$25,000.00** in the following form Bank Cheque

Option2: Bank Guarantee

Option3: Cash deposit to PRAZ.

If option 3 is chosen the bidder must pay an establishment fee amounting to USD\$ 2,000.00 (non-refundable) to PRAZ together with the Bid Security.

Any bid not accompanied by a Bid Security in accordance with section 26 (3) of the Regulations or Bid Securing Declaration in accordance with section 26 (4) of the Regulations, where this is a requirement of bidding, will be rejected by the Procuring Entity as non-responsive.

The Bid Security or Bid-Securing Declaration of a Joint Venture (JV) must be in the name of the JV that submits the Bid. If the JV has not been legally constituted at the time of bidding, the Bid Security or Bid-Securing Declaration must be in the names of all intended partners.



Submission of Bids

1. Bids must be submitted in writing in a sealed envelope to the address below, no later than the date and time of the deadline below. It is the Bidder's responsibility to ensure that they receive a receipt confirming submission of their Bid with correct details of the Bidder and the number of the Bid.
2. The Bidder must mark the envelope with the Bidder's name and address and the Procurement Reference Number.
3. The Bidder must prepare 3 Copies with one original of the documents comprising the Bid and clearly mark it "ORIGINAL." In addition, the Bidder must state the number of copies of the Bid and must mark each of them clearly "COPY." In the event of any discrepancy between the original and the copies, the original will prevail.
4. No Bidder may submit more than one bid, either individually or as a joint venture partner in another Bid, except as a subcontractor.
5. Where the works are divided into lots and packages, only one Bid can be submitted.
6. A conflict of interest will be deemed to arise if Bids are received from more than one Bidder owned, directly or indirectly, by the same person.
7. Late bids will be rejected. The Procuring Entity reserves the right to extend the bid submission deadline but will notify all potential bidders who have collected the bidding documents of the amended bid submission deadline.
8. It is an express condition that all queries in connection with the RFP should be made in writing to The Procurement Management Unit or sent via email through procurement@nbs.co.zw, not later than (10) days before the closing date of the bid as per details specified under the Bid Schedule & Addresses of the RFP document. Response to queries will be made in writing to all prospective bidders without disclosing the source.
9. Bid Proposals must be posted, or hand delivered to The Procurement Management Unit no later than the closing date and time, as per details specified under the Bid Schedule & Addresses. Bid Proposals, which are received after 1000 Hrs on the closing date, whether by hand or post, will be treated as late bids and therefore will not be accepted.
10. No extension of the due date will be considered unless it is announced by NBS.

Bid Opening



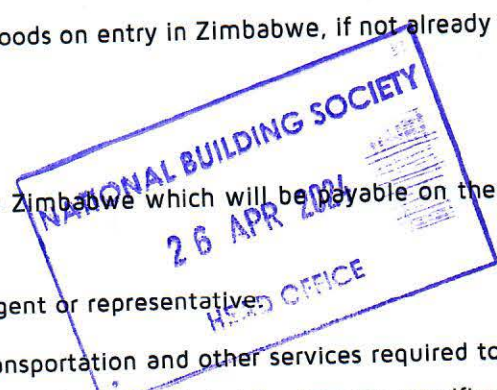
- Bidders and their representatives may witness the opening of bids, which will take place at the submission address immediately following the deadline.

Withdrawal, amendment, or modification of Bids

- A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative. However, no Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder or any extension of that period.

Bid Prices and Discounts

1. The prices and discounts quoted by the Bidder in the Bid Submission Form and in the Price Schedules must conform to the requirements specified below.
2. Prices must be quoted as specified in the RFP.
3. In quoting prices, the Bidder is free to use transportation through carriers registered in any eligible country and similarly may obtain insurance services from any eligible country.
4. Prices quoted must include the following costs and components:
 - (a) For Goods
 - (i) the price of the Goods and the cost of delivery to the final destination, including the DDP, as stated in the Delivery Schedule;
 - (ii) the custom duties to be paid on the Goods on entry in Zimbabwe, if not already included;
 - (iii) Any other applicable import taxes;
 - (iv) any sales and other taxes due within Zimbabwe which will be payable on the Goods, if not already included;
 - (v) any rebate or mark-up of the local agent or representative.
 - (b) for Related Services, (other than inland transportation and other services required to convey the Goods to their destination), whenever such Related Services are specified in the Schedule of



Requirements:

the price of each item comprising the Related Services (inclusive of any applicable taxes).

Currency of Bids

- Bids should be priced in **United States Dollars**. The currency of evaluation will be **United States Dollars**.

Evaluation of Bids

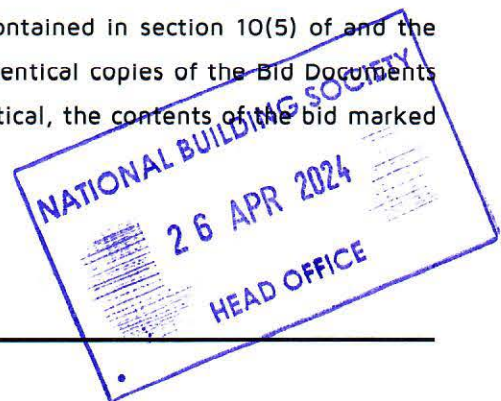
Bids will be evaluated using the following methodology:

1. Preliminary examination to confirm that all documents required have been provided, to confirm the eligibility of Bidders in terms of section 28 (1) of the Regulations and to confirm that the Bid is administratively compliant in terms of section 28 (2) of the Regulations.
2. **Technical evaluation** to determine substantial responsiveness to the specifications in the Statement of Requirements. (70%)
3. **Financial evaluation** and comparison to determine the evaluated price of bids and to determine the best commercially advantageous bid. (30%)

Bids failing any stage will be eliminated and not considered in subsequent stages.

Review by the Special Procurement Oversight Committee

- Section 54 of the Act provides for review by the Special Procurement Oversight Committee for certain especially sensitive or especially valuable contracts. The requirement will be subject to this review, referring to the thresholds contained in section 10(5) of and the Second Schedule to the Regulations. At least two identical copies of the Bid Documents are required and that, where the copies are not identical, the contents of the bid marked original will alone be considered.



Preliminary Eligibility and Qualification Criteria

- Bidders are required to meet the criteria in section 28 of the Act and section 28(1) of the Regulations to be eligible to participate in public procurement and to be qualified for the proposed contract.
- **Please complete, print and sign-off this page.**

| SI. | REQUIREMENT | INFORMATION PROVIDED? |
|-----|---|---|
| 1. | Official Registered Name, Address & Main Telephone Number(s) Key Contact Person: Name, Position & Title, Address (if different from above), Direct Phone Number, email address. | MANDATORY |
| 2. | The bidder must not be insolvent, in receivership, bankrupt or being wound up, not have had business activities suspended and not be the subject of legal proceedings for any of these circumstances; | MANDATORY |
| 3. | The bidder must declare that they have no a conflict of interest in relation to this procurement requirement; | MANDATORY |
| 4. | The Bidder must not be debarred from participation in public procurement under section 72 (6) of the Act and section 74(1) (c), (d) or (e) of the Regulations or declared ineligible under section 99 of the Act; | MANDATORY |
| 5. | Company Background, Business Profile and Strategy: Provide brief history and background of the organization, including year established and number of years the company has been offering similar products. | MANDATORY |
| 6. | Service Providers must provide the following Company Documents: (i) Certified copies of Company or Firm's Registration Certificate; (ii) Form CR14 or equivalent list of Directors; (iii) Form CR 6 or equivalent registered office/ principal place of business of the company; (iv) must be registered with the Zimbabwe Revenue Authority (ZIMRA), (v) must be registered with National Social Security Authority (NSSA); | MANDATORY ATTACH PROOF |



| | | |
|----|---|---|
| | (vi) must be registered with the Procurement Regulatory Authority (PRAZ) as a Supplier and paid the applicable Supplier Registration Fee set out in Part III of the Fifth Schedule to the Regulations. (vii) must be an Approved Distributor of hardware (Attach accreditation certificates from the OEM Vendor). | |
| 7. | Provide declaration and signed letter/contract if partnering with another supplier to provide the required solution. | OPTIONAL |
| 8. | The Supplier should have at least Three (3) reference letters showing the delivery of related hardware within the past 3 years. | MANDATORY ATTACH PROOF & COMPLETE ADDENDUM A |
| | | |

Reviewed & Signed By: _____

Designation: _____

Date: _____



ADDENDUM A.- CONFORMITY TO ELIGIBILITY CRITERIA

Note: The invitation to bid is open to all Suppliers who meet the Eligibility Criteria below.
Failure to provide the desired information shall lead to disqualification of the bid.

- Before submitting the bid, the bidders should ensure that they conform to the eligibility criteria as stated in this RFP.
- The Conformity to Eligibility Criteria should be complete in all respects and contain all information sought for. Documentary evidence must be furnished against each of the criteria along with an index. *The cover page below must be signed by the authorized signatory of the Supplier.*

| SI. | MINIMUM ELIGIBILITY CRITERIA | SUPPLIED | DOCUMENTS REQUIRED | SCORE |
|-----|---|-----------|--|-----------|
| 1. | The Supplier should have at least Three (3) reference letters for the supply, installation and commissioning of High-Performance Data Center Servers, Storage Area Networks (SAN), and SAN Switches in the last 5 (FIVE) years. | Mandatory | Please complete ADDENDUM B: on Supplier's Reference projects | 30 |
| 2. | The bidder should be an authorized partner and reseller of proposed hardware infrastructure (High-Performance Data Center Hardware Infrastructure, including Servers, Storage Area Networks (SAN), and SAN Switches). Should attach vendor certification. | Mandatory | Please attach proof: At least 1 current Accreditation letter from the Original Equipment Manufacturer (OEM) for each of the following categories: 1. High-Performance Data Center Hardware Infrastructure, including Servers, | 10 |



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PROCUREMENT REFERENCE No: NBS/ICT/CBS-HARDWARE-INFRASTRUCTURE/04/2024

| | | | | |
|--------------------|--|-----------|---|-----------|
| | | | 2. Storage Area Networks (SAN), and 3. SAN Switches. | |
| 3. | The bidder and/or partner should have at least 2 Technicians/Engineers Certified in the installation and maintenance of the | Mandatory | OEM Technical Certifications (Excluding Sales and Marketing Certifications) | 10 |
| 4. | The bidder should not be currently blacklisted by any Public-Sector Bank, Central Bank or any other Government agencies. Bidder must certify to that effect. | Mandatory | Self-Certificate | 5 |
| 5. | Supplier should declare that there is no conflict of interest with Bank's business | Mandatory | Please comment as applicable | 5 |
| Total Marks | | | | 60 |

Reviewed & Signed By: _____

Designation: _____

Date:



ADDENDUM B. - SUPPLIER'S EXPERIENCE/REFERENCE PROJECTS

Note: Please use the template below for each Project for which your company/firm was legally contracted to implement High-Performance Data Center Servers or Storage Area Networks.

- At least **Three (3) companies** where you have supplied, installed and commissioned **High-Performance Servers and Storage Area Networks Hardware Infrastructure in the last 3 years.**
- Please provide a **signed reference letter on the official letterhead** for each project listed which should be **within the past 3 years.**
- This addendum must be filled out separately for each of the 3 clients respectively.
- Kindly note that references for the Supply and Delivery of Basic Servers, Desktops and Laptops, Printers and ICT equipment will not be considered, this tender is specifically for High-Performance hardware infrastructure for the Core Banking System and Critical Ancillary Systems

| Sl. | REQUIREMENT | DETAILS (Mandatory) |
|-----|--|---------------------|
| 1. | Name of Client | Provide |
| 2. | Scope of Work/Hardware Deployed - Servers/SAN/SAN Switches | Provide |
| 3. | Date and Duration of Project | Provide |
| 4. | Contact Person Name, and Designation | Provide |
| 5. | Contact Details with E-mail | Provide |

Reviewed & Signed By: _____
Designation: _____
Date: _____



ADDENDUM C. Detailed Technical Requirements

- The Bids will be examined to confirm that all terms, conditions, and requirements of the bidding document have been compiled by the Bidder. The assessment of responsiveness shall be determined in accordance with the criteria in section 28 of the Regulations.
- Evaluation of Technical Bids will include an assessment of the Bidder's technical capacity to mobilize key resources and manpower which is substantially responsive to the Procuring Entity's Requirements.

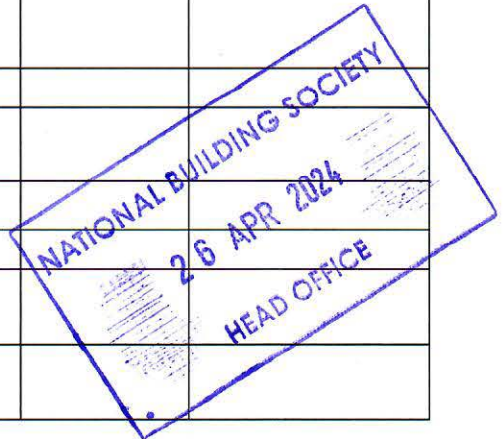
Server hardware specifications

1. HARDWARE SPECIFICATIONS

Below is the list of specifications for the supply of the hardware.

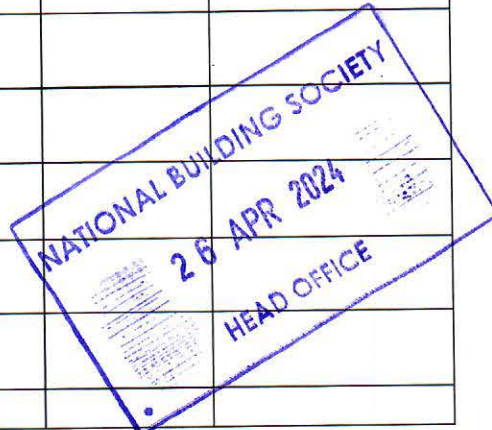
Power Servers and Storage

| Description | Item Qty | Production Site (SSC Data Center) Units | DR Site (Ballantyne Park Data Center) Units | Compliance 1. Full - F 2. Partial - P 3. Not Compliant - N |
|---|----------|--|--|---|
| 1. FUSION ESSENCE SERVERS (NEW CORE BANKING SYSTEM) | | | | |
| Power S1022 (32C, 768Gb, 16x 10Gb RJ45 ports, 8x 32G FC ports, AIX, IBM i, Power VM) or EQUIVALENT | | 2 | 1 | |
| Primary OS - AIX | 1 | | | |
| New AIX License Core Counter | 28 | | | |
| New IBM i License Core Counter | 1 | | | |
| VIOS Core Counter | 32 | | | |
| AC Titanium Power Supply - 2000W for Server (200-240 VAC) | 2 | | | |
| 800GB Mainstream NVMe U.2 SSD 4k for AIX/Linux | 4 | | | |



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| | | | | |
|--|----|---|---|--|
| 128GB (2x64GB) DDIMMs, 3200 MHz, 16GBIT DDR4 Memory | 6 | | | |
| PCIe3 LP 32Gb 2-port Fibre Channel Adapter | 4 | | | |
| PCIe3 LP 4-port 10GbE BaseT RJ45 Adapter | 4 | | | |
| One CUoD Static Processor Core Activation for EPG8 | 32 | | | |
| 16-core Typical 2.75 to 4.0 Ghz (max) Power10 Processor | 2 | | | |
| PowerVM V4 | 32 | | | |
| AIX Update Access Key (UAK) | 39 | | | |
| Operator Panel LCD Display | 1 | | | |
| 3-Year Software Maintenance Agreement SWMA | 1 | | | |
| 2. FBEQ SERVERS (Current Core Banking System) | | | | |
| Power S1022 (32C, 768Gb, 16x 10Gb RJ45 ports, 8x 32G FC ports, AIX, RHEL, PowerVM)/EQUIVALENT | | 1 | 1 | |
| Primary OS - AIX | 1 | | | |
| New AIX License Core Counter | 28 | | | |
| New Red Hat License Core Counter | 4 | | | |
| VIOS Core Counter | 32 | | | |
| AC Titanium Power Supply - 2000W for Server (200-240 VAC) | 2 | | | |
| 800GB Mainstream NVMe U.2 SSD 4k for AIX/Linux | 4 | | | |
| 128GB (2x64GB) DDIMMs, 3200 MHz, 16GBIT DDR4 Memory | 6 | | | |
| PCIe3 LP 32Gb 2-port Fibre Channel Adapter | 4 | | | |
| PCIe3 LP 4-port 10GbE BaseT RJ45 Adapter | 4 | | | |
| One CUoD Static Processor Core Activation for EPG8 | 32 | | | |
| 16-core Typical 2.75 to 4.0 Ghz (max) Power10 Processor | 2 | | | |
| 3-Year Software Maintenance Agreement SWMA | 1 | | | |



 NATIONAL BUILDING SOCIETY
 26 APR 2024
 HEAD OFFICE

SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HIGH-PERFORMANCE CORE-BANKING SERVERS, STORAGE AREA NETWORK (SAN), SAN SWITCHES, AND SERVICE LEVEL AGREEMENT FOR THE HARDWARE INFRASTRUCTURE. PROCUREMENT REFERENCE No: NBS/ICT/CBS-HARDWARE-INFRASTRUCTURE/04/2024

| Hardware Management Console (HMC) + TFT | | 1 | 1 | |
|---|----|----------|----------|--|
| HMC 1: Hardware Management Console | 1 | | | |
| Hardware Management Console License for CR2 | 1 | | | |
| AC Power Supply - 900W | 2 | | | |
| RAID1 Enabled | 1 | | | |
| 1.8 TB 10K RPM 4K SAS HDD SFF | 2 | | | |
| 16 GB DDR4 Memory | 4 | | | |
| 6-core 3.0 GHz POWER Processor | 1 | | | |
| Rack-Mounted Flat Panel Console Kit 1: 1U Rackmount Console Kit | 1 | | | |
| 3-Year Software Maintenance Agreement SWMA | 1 | | | |
| | | | | |
| STORAGE AREA NETWORK (SAN) | | | | |
| FS5200 SAN (512GB cache, 4 x 32G FC, 4x 10GbE, 30TB Usable on DRAID6, Full Feature License) | | 1 | 1 | |
| FlashSystem 5200 NVMe Control Enclosure | 1 | | | |
| 9.6TB FlashCore Module 3 | 12 | | | |
| AC Power Supply (100-240v) (Pair) | 1 | | | |
| 32 Gb FC 2 Port Adapter Cards (Pair) | 1 | | | |
| 512 GB Base Cache | 1 | | | |
| 3-Year Software Maintenance Agreement SWMA | 1 | | | |
| | | | | |
| SAN Switch (24 x 32Gbps Active ports) | | | | |
| Storage Networking SAN24B-6 | 1 | 2 | 2 | |
| F24 32Gbps FlashSystem Value Bundle | 1 | | | |
| SAN24B-6 8 Port 32Gbps SW Upgrade | 2 | | | |
| 3-Year Software Maintenance Agreement SWMA | 1 | | | |
| | | | | |
| TS4300 Tape Library and LTO Media | | | | |
| TS4300 Tape Library | 1 | 1 | 1 | |
| Fibre tape drive support | 1 | | | |
| Additional Power Supply | 1 | | | |
| Rack Mount Kit | 1 | | | |



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| | | | | |
|--|---|--|--|--|
| Attached to Linux System | 1 | | | |
| Attached to IBM AIX System | 1 | | | |
| Rack to PDU line cord | 1 | | | |
| LTO 7 HH Fibre channel drive | 1 | | | |
| LTO 8 HH Fibre channel drive | 2 | | | |
| 3-Year Software Maintenance Agreement SWMA | 1 | | | |

Backup SP Servers

| Description | Item Qty | Prod Site | DR Site | Compliance 1. Full - F 2. Partial - P 3. Not Compliant - N |
|--|----------|-----------|---------|---|
| Power S1022s (8C, 128Gb, 4x 10Gb RJ45 ports, 4x 32G FC ports, RHEL, PowerVM)/EQUIVALENT | | 1 | 1 | |
| Primary OS - Linux | 1 | | | |
| New Red Hat License Core Counter | 8 | | | |
| AC Titanium Power Supply - 2000W for Server (200-240 VAC) | 2 | | | |
| 800GB Mainstream NVMe U.2 SSD 4k for AIX/Linux | 1 | | | |
| 64GB (2x32GB) DDIMMs, 3200 MHz, 8GBIT DDR4 Memory | 2 | | | |
| PCIe2 LP 2-port 10/1GbE BaseT RJ45 Adapter | 2 | | | |
| PCIe3 LP 32Gb 2-port Fibre Channel Adapter | 2 | | | |
| One Processor Core Activation for EPGQ | 8 | | | |
| 8-core Typical 3.00 to 3.90 Ghz (max) Power10 Processor | 1 | | | |
| PowerVM V4 | 8 | | | |
| 3-Year Software Maintenance Agreement SWMA | 1 | | | |



SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HIGH-PERFORMANCE CORE-BANKING SERVERS, STORAGE AREA NETWORK (SAN), SAN SWITCHES, AND SERVICE LEVEL AGREEMENT FOR THE HARDWARE INFRASTRUCTURE. PROCUREMENT REFERENCE No: NBS/ICT/CBS-HARDWARE-INFRASTRUCTURE/04/2024

| | | | | |
|--|---|---|---|--|
| | | | | |
| STORAGE AREA NETWORK (SAN) | | | | |
| FS5045 SAN (64GB cache, 4 x 16G FC, 2x 10GbE, 4x 1.92Tb Flash, 24x 8Tb NL-SAS) | | 1 | 1 | |
| Storage FlashSystem 5045 SFF Control Enclosure | 1 | 1 | 1 | |
| Storage FlashSystem 5045 LFF Expansion Enclosure | 1 | 2 | 2 | |
| 3-Year Registration SW Subscription and Support | 1 | | | |
| | | | | |

| | Professional Services Details | Specifications in Brief | Compliance |
|---|--|---|-------------------|
| 1 | Hardware Infrastructure Supply, Installation and Commissioning | <ul style="list-style-type: none"> Supply of hardware infrastructure. Assembly and Installation of necessary hardware components Deployment and racking of hardware in NBS Data Centers (Production and DR Sites) Installations and configuration of necessary software Upgrade of patches and software version during the support period. | Mandatory |

Software Specifications

The hardware should be able to run the following software applications.

| Description | Compliance |
|---|--|
| | 1. Full - F 2. Partial - P 3. Not Compliant - N |
| Finastra Fusion Essence and Fusion Teller Systems | |
| AIX | |
| RHEL | |
| IBM i | |
| IBM WebSphere Application Server (WAS) | |
| IBM DB2 | |



SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF HIGH-PERFORMANCE CORE-BANKING SERVERS, STORAGE AREA NETWORK (SAN), SAN SWITCHES, AND SERVICE LEVEL AGREEMENT FOR THE HARDWARE INFRASTRUCTURE. PROCUREMENT REFERENCE No: NBS/ICT/CBS-HARDWARE-INFRASTRUCTURE/04/2024

| | |
|--|--|
| IBM MQ | |
| IBM Business Process Management (BPM) | |
| IBM Business Automation Workflow (BAW) | |



Commercial Bid for Hardware Infrastructure and Professional Services

PART A: Hardware Infrastructure & Warranty

| | Item | Description | Cost (USD exc. VAT) | Required |
|-------|--|--|---------------------|-----------|
| i. | Hardware: Fusion Essence and Fusion Teller Servers | 3 x Power S1022 Servers/Equivalent | | Mandatory |
| ii. | Hardware: FBEQ Servers | 2 x Power S1022 Servers/Equivalent | | Mandatory |
| iii. | Hardware Management Console | 2 x Hardware Management Console (HMC) | | Mandatory |
| iv. | Storage Area Networks (SAN) | 2 x FS5200 SAN/Equivalent | | Mandatory |
| v. | SAN Switches | 4 x SAN24B-6 Switch/Equivalent | | Mandatory |
| vi. | Tape Library | 2 x TS4300 Tape Library/Equivalent | | Mandatory |
| vii. | Hardware: Backup servers | 2 x Power S1022 Servers/Equivalent | | Mandatory |
| viii. | Backup SAN | 2 x FS5045 SAN/Equivalent | | Mandatory |
| ix. | Implementation Costs | Delivery, Installation and Commissioning of Hardware Infrastructure as defined in this RFP | | Mandatory |
| x. | Software Support | 3-Year Software Maintenance Agreement SWMA | | Mandatory |
| xi. | Standard Warranty | 3 Years on Servers, SAN, and SAN Switches | | Mandatory |
| xii. | Other Costs | Please provide full details | | Optional |
| | | Total | | |

PART B: Service Level Agreement (SLA)

| | Item | Description | Cost (USD exc. VAT) | Required |
|-----|-------------------------|------------------------------------|---------------------|-----------|
| i. | Service Level Agreement | 3 Years SLA as defined in this RFP | | Mandatory |
| ii. | Other Costs | Please provide full details | | Optional |
| | | Total | | |

Notes: The vendor must provide free firmware/ software updates for any version upgrade for the supplied hardware required by NBS to support the application requirements.



Reviewed & Signed By: _____

Designation: _____

Date: _____



Award of Contract

The lowest evaluated bid, after the application of any additional evaluation criteria, including any margin of preference, which is substantially responsive to the requirements of this bidding document will be recommended for award of the Contract. The proposed award of contract will be by issue of a Notification of Contract Award in terms of section 55 of the Act which will be effective on receipt of a Letter of Acceptance in accordance with Part 3: Contract. Unsuccessful Bidders will receive the Notification of Contract Award and if they consider they have suffered prejudice from the process, they may, within 14 days of receiving this Notification, submit to the Procuring Entity a Challenge in terms of section 73 of the Act, subject to payment of the applicable fee set out in section 44 of and the Third Schedule to the Regulations.

Right to Reject

The Procuring Entity reserves the right to accept or reject any Bids or to cancel the procurement process and reject all Bids at any time prior to contract award.

Corrupt Practices

The Government of Zimbabwe requires that Procuring Entities, as well as Bidders and Contractors, observe the highest standard of ethics during the procurement and execution of contracts. In pursuit of this policy:

1. the Procuring Entity will reject a recommendation for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract or has been declared ineligible to be awarded a procurement contract under section 99 of the Act;
2. the Authority may under section 72 (6) of the Act impose the debarment sanctions under section 74(1) of the Regulations; and
3. any conflict of interest on the part of the Bidder must be declared.




Bid Submission Sheet

Note to Bidders:

- Complete this form with all the requested details and submit it as the first page of your Bid. Attach the completed Statement of Requirements and any other documents requested in Part 1.
- Ensure that your Bid is authorised in the signature block below. A signature and authorisation on this form will confirm that the terms and conditions of this Bid prevail over any attachments. If your Bid is not authorised, it may be rejected.
- If the Bidder is a Joint Venture (JV), the Bid must be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.
- Bidders should mark as "CONFIDENTIAL" information in their Bids which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.

| | |
|-------------------------------|--|
| Procurement Reference Number: | |
| Subject of Procurement: | |
| Name of Bidder | |
| Bidder's Reference Number: | |
| Date of Bid: | |



1. We offer to supply the items listed in the attached RFP, at the prices indicated on our attached Price Schedule(s) and in accordance with the terms and conditions stated in this Bidding Document.
2. We confirm that we meet the eligibility criteria specified in Addendum B of the RFP.
3. We declare that we are not debarred from bidding and that the documents we submit are true and correct.
4. The validity period of our bid is:(days) from the date of submission.

5. We confirm that the prices quoted in the attached Price Schedule(s) are fixed and firm for the duration of the validity period and will not be subject to revision, variation, or adjustment.

Bid Authorised By:

| | | | |
|---|-------|-------------------|-----------------|
| Name: | | Signature: | |
| Position: | | Date: |(DD/MM/YY) |
| Authorised for and on behalf of: | | | |
| Company: | | | |
| Address: | | | |



SUPPLY AND DELIVERY OF DATA SERVER HARDWARE
PROCUREMENT Reference No: NBS/ICT/04/2024

Part 3: Contract

THIS CONTRACT AGREEMENT is made the day of,

BETWEEN

NBS LIMITED

(herein referred to as **"The Client"**)

Of 14th Floor SSC Building Corner Sam Nujoma & Julius Nyerere Avenue, Harare.
Represented by the ACCOUNTING OFFICER being Authorised thereto, in his capacity as
the Managing Director

AND

.....
a corporation incorporated under the laws of
..... [insert country of Contractor] and having
its principal place of business at

.....
[insert full postal address of Contractor]
(hereinafter called "the Contractor").

WHEREAS the Procuring Entity invited Bids for the **SUPPLY AND DELIVERY OF HIGH-PERFORMANCE CORE BANKING SYSTEM SERVERS, STORAGE AREA NETWORK (SAN), SAN SWITCHES, AND SERVICE LEVEL AGREEMENT (SLA) FOR THE HARDWARE INFRASTRUCTURE** and has accepted a Bid by the Contractor for the services required in the sum of

1. **PART A - HARDWARE INFRASTRUCTURE (INCLUDING WARRANTY):**

USD.....
.....
.....
.....

2. **PART B - SERVICE LEVEL AGREEMENT (SLA):**

USD.....
.....
.....
.....

(hereinafter called "the Contract Price(s)").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:



SUPPLY AND DELIVERY OF DATA SERVER HARDWARE
PROCUREMENT Reference No: NBS/ICT/04/2024

1. In this Agreement words and expressions shall have the same meanings as are assigned to them in the General and Special Conditions of Contract referred to below.
2. The following documents shall constitute the Contract between the Procuring Entity and the Contractor, and each shall be read and construed as an integral part of the Contract:
 - a) `
3. This Contract Agreement shall prevail over all other Contract Documents. In the event of any discrepancy or inconsistency within the Contract Documents, then the documents shall prevail in the order listed above.
4. In consideration of the payments to be made by the NBS to the Contractor as mentioned below, the Contractor hereby agrees with the NBS to provide the Goods and Services and to remedy any defects in them in conformity with the Contract.
5. The NBS hereby agrees to pay the Contractor in consideration of the provision of the Goods and Services and the remedying of any defects in them, the Contract Price or such other sum as may become payable under the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Zimbabwe on the day, month and year indicated above.

For and on behalf of the NBS

Signed:

Name:

In the capacity of: *[Title or other appropriate designation]*

For and on behalf of the Contractor

Signed:

Name:

In the capacity of: *[Title or other appropriate designation]*



General Conditions of Contract

Any resulting contract is subject to the Zimbabwe General Conditions of Contract (GCC) for the Procurement of Goods (copy available on request) except where modified by the Special Conditions below.

SUPPLY AND DELIVERY OF DATA SERVER HARDWARE
PROCUREMENT Reference No: NBS/ICT/04/2024

Special Conditions of Contract

The clause numbers given in the first column correspond with the relevant clause number of the General Conditions of Contract.

| GCC reference | Special Conditions |
|---------------|---|
| GCC 7.5 | Eligible Countries: All countries are eligible. |
| GCC 8.1 | Notices: Any notice shall be sent to the following addresses: For the NBS of Zimbabwe, the address shall be as given in the Contract document and the contact shall be Accounting Officer, 14th Floor SSC Building Corner Sam Nujoma & Julius Nyerere Avenue, Harare |
| GCC 19.1 | Liquidated Damages: Liquidated Damages in terms of section 88 of the Act shall apply. If the CONTRACTOR delays in delivering or performing due to a fault or negligence caused or attributable to the Contractor, the AUTHORITY shall claim liquidated damages for the delay which shall be calculated at 2% of contract value per week for a period of two (2) weeks which the CONTRACTOR will be liable to pay. Should the CONTRACTOR fail to perform or deliver after the two (2) weeks period covered by the liquidated damages the AUTHORITY shall terminate the contract due to that delay and the Contractor will be liable for the payment of the accrued liquidated damages. The CONTRACTOR will not be charged liquidated damages when the delay in delivery or performance is a result of circumstances beyond the Contractor's control and is not caused by fault or negligence on the part of the Contractor. |
| GCC 29.1 | Price adjustments: Any price variation shall be subject to approval by relevant NBS Authorities. |
| GCC 30.1 | Terms of Payment: Payment shall be done 14 days after delivery upon submission of a Delivery Note and a Tax Invoice and Issuance of a Solutions requested. Advance payment: Should advance payment be required, it would be subject to negotiation and approval by relevant NBS Authorities. |
| GCC 31.1 | Contract Administration Fee: The Contract Administration Fee set out in Part V of the Fifth Schedule of the Regulations is due upon the signing of the Contract. |

NATIONAL BUILDING SOCIETY
 26 APR 2024
 HEAD OFFICE