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**STATE INFORMATION TECHNOLOGY AGENCY (SOC) LTD**

Registration number 1999/001899/30

**BID SPECIFICATION**

|  |  |
| --- | --- |
| **RFB No** | **RFB 2696-2022** |
| **Description** | **SUPPLY, INSTALL, CONFIGURE, SUPPORT AND MAINTENANCE OF SOFTWARE LICENSES AND SWITCHES, WIRELESS ACCESS POINTS & NETWORK MANAGEMENT SYSTEM FOR A PERIOD OF THIRTY-SIX (36) MONTHS.** |
| **Publication Date** | **22 November 2022** |
| **Compulsory Site Visits** | **Compulsory Site Briefing (Failure to attend the Briefing Session the bidder will be disqualified on the entire process):****Date: 29 November 2022****Time: 09H00****Place: SITA Polokwane****Address: 600 Moolpark Building, 29 Market Street, Polokwane 0699** |
| **Closing Date for Questions / Queries** | **06 December 2022** |
| **Bid Response Submission Address**  | **Tender Office****459 Tsitsa Street, Erasmuskloof, Pretoria, 0105** |
| **RFB Closing Details and Time** | **Date: 13 December 2022****Time: 11:00 (South African Time)** |
| **RFB Validity Period** | **120 Days from the Closing Date** |

**PROSPECTIVE BIDDERS MUST REGISTER ON NATIONAL TREASURY’S CENTRAL SUPPLIER DATABASE PRIOR TO SUBMITTING BIDS.**

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1. INTRODUCTION

# PURPOSE AND BACKGROUND

## PURPOSE

The purpose of this RFB is to invite Suppliers (hereinafter referred to as “bidders”) to submit bids for “Supply, Install, Configure, Support and Maintenance of Software Licenses and Switches, Wireless Access Points & Network Management System for a period of thirty-six (36) months”.

**2. SCOPE OF BID**

## 2.1 SCOPE OF WORK

The project scope consists of:

1. Supply, Install, Configure, Maintenance and Support of 46 Switches.
2. Supply, Install, Configure, Maintenance and Support of 100 Wireless Access Points.
3. Supply, Install, Configure, Maintenance and Support of Network Management System/Tool.
4. Procure Software Licenses for 46 Switches and Technical support for 36 Months.
5. Procure Software Licenses for 100 Wireless Access Points and Technical Support for 36 Months.
6. Procure Software Licenses for Network Management System and Technical Support for 36 Months.

|  |  |  |
| --- | --- | --- |
| # | Description  | Quantity |
|  |  48 Port POE Access Switches  | 42 |
|  | 48 Port Core Switches | 4 |
|  | Wireless Access Points | 100 |
|  | Network Monitoring Tool/System | 1 |
|  | Software Licenses for Switches for 36 Months | 46 |
|  | Software Licenses for Wireless Access Points for 36 Months | 100 |
|  | Software Licenses for Network Management System/Tool for 36 Months | 1 |

## 2.2 DELIVERY ADDRESS

The goods or services must be supplied or provided at the following physical addresses:

|  |  |
| --- | --- |
| **SITE** | **Delivery Address** |
| Hensa Towers  | 25 Schoeman Street, Polokwane 0700  |
| Coghsta | 28 Market Street, Polokwane 0700 |
| Central Building | 20th Industrial Avenue, Polokwane, 0700  |

# REQUIREMENTS

## PRODUCT REQUIREMENTS

### Hardware Requirements (Switches and Wireless Access Points)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **OEM** | **Description** | **Qty** |  **Device Specification** |
| **1** | **Non-Brand** | **48 Port POE Access Switch**  | **42** |

|  |  |
| --- | --- |
| Uplink Interfaces | Minimum 2 x 10 G Uplink |
| Ports | 48 PoE+ 10/100/1000 Copper/RJ45 |
| Switching capacity  | Minimum 160 Gbps |
| VLANs | 1000+ |
| Jumbo frames | 9216 bytes |
| Forwarding rate | 130 Mpps |
| Stacking  | Required |
| PoE | 30W Per Port |
| MAC addresses | 32000 |

 |
| **2** | **Non-brand** | **48 Port Core Switch** | **4** |

|  |  |
| --- | --- |
| Port Requirement | 48x 1/10(SFP+) Gigabit Ethernet  |
| Minimum 4x 100Gig (QSFP) Uplink |
| Switching capacity | Minimum 2.2 Tbps |
| Forwarding rate | 1 Bpps |
| MAC addresses | 128000 |
| VLANs | 1000+ |
| Jumbo frame | 9,216 bytes |

 |
| **3** | **Non-brand** | **Wireless Access Points** | **100** |

|  |  |
| --- | --- |
| Interface type  | 1X10M/100M/1GE/2.5GE (RJ-45), 1X10M/100GE (RJ-45), 1 x USB |
| Bluetooth | BLE 5.0 |
| LED indicator | Indicates the power-on, startup, running, alarm & fault State of the system  |
| Power input | DC: 12V +-16%, POE power supply: in compliance with 802.3at/af |
| Maximum power consumption  | 17.9 W (excluding USB) |
| Antenna type | Built-in smart antennas |
| Antenna gain | 2.4 GHz: 4dBi, 5GHz: 5dBi |
| Maximum number of SSIDs for each radio | <=16 |
| Maximum number of users | <=1024 (512/Radio) |
| Maximum transmit power | 2.4GHz:25dBm(combined power), 5GHz:28dBm(combined power) |
| Power increment | 1dBm |

 |

**3.1.2 Software Requirements (Network Monitoring System/Tool)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **OEM** | **Description** | **Quantity** |  **Specification** |
| **4** | **Non-Brand** | **Network Management System/Tool** | **1** |

|  |
| --- |
| Hierarchical & Decentralized management |
| Full network monitoring |
| Site management |
| Devices management (routers, switches, wireless access points, etc) |
| Devices configuration |
| Client management |
| Alarm management |
| Operation logs |
| Fault report |
| System messages |
| Problem location and analysis |
| Client access analysis |

 |

## PROJECT REQUIREMENTS

### PROJECT DELIVERY SCHEDULE AND PERFORMANCE

| **Duration** | **Office** | **Deliverables** | **Statement of Work** |
| --- | --- | --- | --- |
| Four Weeks | Hensa Towers, Coghsta & Central Building | Environment Assessment. |  |
| As-To-Be Design Plan. |  |
| Resource Planning. |  |
| Supplying, Delivering, Installing, Support, Maintenance and Configuring of Switches. | Switches implementation as per Scope of Work in 2.1. |
| Supplying, Delivering, Installing, Support, Maintenance and Configuring of Wireless Access Points. | Wireless Access Points implementation as per Scope of Work in 2.1. |
| Supplying, Delivering, Installing, Support, Maintenance and Configuring of Network Management System/Tool | Network Monitoring System/Tool implementation as per Scope of Work in 2.1. |
| Procuring Software Licenses of Switches and Technical support. | Software Licenses of switches implementation as per Scope of Work in 2.1.  |
| Procure Software Licenses for Wireless Access Point and Technical support | Software Licenses of Wireless Access Points implementation as per Scope of Work in 2.1.  |
| Procuring Software Licenses of Network Management System/Tool and Technical support. | Software Licenses of Network Management System/Tool implementation as per Scope of Work in 2.1.  |

# BID EVALUATION STAGES

1. The bid evaluation process consists of several stages that are applicable according to the nature of the bid as defined in the table below.
2. The bidder must qualify for each stage to be eligible to proceed to the next stage of the evaluation.

|  |  |  |
| --- | --- | --- |
| **Stage** | **Description** | **Applicable for this bid YES/NO** |
| Stage 1  | Administrative pre-qualification verification | Yes |
| Stage 2 | Technical Mandatory requirement evaluation | Yes |
| Stage 3 | Special Conditions of Contract verification | Yes |
| Stage 4  | Price / B-BBEE evaluation | Yes |

* 1. ADMINISTRATIVE PRE-QUALIFICATION

# ADMINISTRATIVE PRE-QUALIFICATION REQUIREMENTS

## ADMINISTRATIVE PRE-QUALIFICATION VERIFICATION

1. The bidder **must comply** with ALL of the bid pre-qualification requirements in order for the bid to be accepted for evaluation.
2. If the Bidder failed to comply with any of the administrative pre-qualification requirements, or if SITA is unable to verify whether the pre-qualification requirements are met, then SITA reserves the right to-
	1. Reject the bid and not evaluate it, or
	2. Accept the bid for evaluation, on condition that the Bidder must submit within 7 (seven) days any supplementary information to achieve full compliance, provided that the supplementary information is administrative and not substantive in nature.

## ADMINISTRATIVE PRE-QUALIFICATION REQUIREMENTS

1. **Submission of bid response**: The bidder has submitted a bid response documentation pack –
	1. that was delivered at the correct physical or postal address and within the stipulated date and time as specified in the “Invitation to Bid” cover page, and;
	2. in the correct format as one original document, one copy and two copies on memory stick / USB.
2. **Attendance of briefing session**: Compulsory Site Briefing (Failure to attend the Briefing Session the bidder will be disqualified on the entire process)
3. **Registered Supplier.** The bidder is, in terms of National Treasury Instruction Note 4A of 2016/17, registered as a Supplier on National Treasury Central Supplier Database (CSD).

# TECHNICAL MANDATORY REQUIREMENTS

## INSTRUCTION AND EVALUATION CRITERIA

1. The bidder **must comply with ALL the requirements as per section 6.2 below by providing substantiating evidence** in the form of documentation or information, failing which it will be regarded as “NOT COMPLY”.
2. The bidder **must provide a unique reference number** (e.g. binder/folio, chapter, section, page) to locate substantiating evidence in the bid response. During evaluation, SITA reserves the right to treat substantiation evidence that cannot be located in the bid response as “NOT COMPLY”.
3. The bidder **must complete the declaration of compliance** as per section 6.3 below by marking with an “X” either “COMPLY”, or “NOT COMPLY” with ALL of the technical mandatory requirements, failing which it will be regarded as “NOT COMPLY”.
4. The bidder must comply with ALL the TECHNICAL MANDATORY REQUIREMENTS in order for the bid to proceed to the next stage of the evaluation.
5. No URL references or links will be accepted as evidence.

## TECHNICAL MANDATORY REQUIREMENTS

| ***TECHNICAL MANDATORY REQUIREMENTS*** | ***Substantiating evidence of compliance****(used to evaluate bid)* | ***Evidence reference****(to be completed by bidder)* |
| --- | --- | --- |
| 1. **BIDDER CERTIFICATION / AFFILIATION REQUIREMENTS**

The bidder must be a registered OSM/OEM partner to provide Network Switches, Wireless Access Points, Software Licenses & Network Management System/Tool. | Attach to Annex B a copy of a valid documentation (certificate or letter) from OSM/OEM indicating the bidder is a registered partner to provide, Network Switches, Wireless Access Points, Software Licenses & Network Management System/Tool. **Note:** SITA reserves the right to verify the information provided. | <provide unique reference to locate substantiating evidence in the bid response – see Annex B, section 10.1> |
| 1. **BIDDER EXPERIENCE AND CAPABILITY REQUIREMENTS**

The bidder must have provided, installed and configured Network Switches, Wireless Access Points, Software Licenses & Network Management Tool to at least one (1) customer during the past four (4) years.. | Provide a reference letter and fill-in Annex B reference details of a customer to whom the Supplying of Network Switches, Wireless Access Points, Software Licenses & Network Management System/Tool was provided in the last four (4) years. **NB:** SITA reserves the right to verify information provided | <provide unique reference to locate substantiating evidence in the bid response – see Annex B, section 10.2,Table 1>  |
| 1. **PRODUCT / SERVICE FUNCTIONAL REQUIREMENT**

**The bidder must confirm compliance to the functional Product / Service requirements for Network Switches, Wireless Access Points, Software Licenses and Network Management System/Tool.** | The bidder must confirm that they comply with the Product / Service Functional Requirements by completing Annex C: Addendum 1. | <provide unique reference to locate substantiating evidence in the bid response – see Annex B, section 10.3 and Annex C: Addendum 1>  |

## DECLARATION OF COMPLIANCE

|  | **Comply** | **Not Comply** |
| --- | --- | --- |
| The bidder declares by **indicating with an “X”** in either the “COMPLY” or “NOT COMPLY” column that –* 1. The bid complies with each and every TECHNICAL MANDATORY REQUIREMENT as specified in SECTION 6.2 above; AND
	2. Each and every requirement specification is substantiated by evidence as proof of compliance.
 |  |  |

* 1. SPECIAL CONDITIONS OF CONTRACT (SCC)

# SPECIAL CONDITIONS OF CONTRACT

##  INSTRUCTION

1. The successful supplier will be bound by Government Procurement: General Conditions of Contract (GCC) as well as this Special Conditions of Contract (SCC), which will form part of the signed contract with the successful Supplier. However, SITA reserves the right to include or waive the condition in the signed contract.
2. SITA reserves the right to –
	1. Negotiate the conditions, or
	2. Automatically disqualify a bidder for not accepting these conditions.
	3. Award to multiple bidders.
3. In the event that the bidder qualifies the proposal with own conditions, and does not specifically withdraw such own conditions when called upon to do so, SITA will invoke the rights reserved in accordance with subsection 7.1(2) above.
4. The bidder must **complete the declaration of acceptance** as per section 7.3 below by marking with an **“X”** either “ACCEPT ALL” or “DO NOT ACCEPT ALL”, failing which the declaration will be regarded as “DO NOT ACCEPT ALL” and the bid will be disqualified.

## SPECIAL CONDITIONS OF CONTRACT

1. **CONTRACTING CONDITIONS**
	1. **Formal Contract. The Supplier must enter into a formal written Contract (Agreement) with SITA.**
	2. **Right of Award.** SITA reserves the right to award the contract for required goods or services to multiple Suppliers.
	3. **Right to Audit. SITA reserves the right, before entering into a contract, to conduct or commission an external service provider to conduct a financial audit or probity to ascertain whether a qualifying bidder has the financial wherewithal or technical capability to provide the goods and services as required by this tender.**
2. **DELIVERY ADDRESS.** The supplier must deliver the required products or services at as indicated in Section 2.2, Delivery Address
3. **DELIVERY SCHEDULE**
	1. The scope of work (Section 2.1) and Section 3 (Requirements) must be completed within 4 weeks after the contract has been awarded to all below SITA buildings i.e. decommission, supply, install and configure.
	2. The Supplier is responsible to perform the work as outlined in the following Breakdown Structure (WBS):

| **WBS** | **Statement of Work** | **Delivery Timeframe** |
| --- | --- | --- |
|  |
|  | Supply, Deliver, Install, Software Licensing and Configure Switches, Wireless Access Points & Network Management System. | 4 Weeks |
|  | Maintenance and Support | 1. Months
 |

1. **SERVICES AND PERFORMANCE METRICS**
	1. The Supplier is responsible to provide the following services as specified in the Service Breakdown Structure (SBS):

| **SBS** | **Service Element** | **Service Grade** | **Service Level** |
| --- | --- | --- | --- |
|  | Call Centre | Platinum | 24 h x 7 days x 52 weeks  |
|  | Incident Response  | Normal  | Maximum 20 Minutes |
|  | Incident Restore  | Normal  | Maximum 4 Hours  |
|  | Report Faulty Status | Normal | Hourly until Resolution |
|  | Root Cause analysis Report to Provided  | Normal | 40 Hours |
|  | Service Availability  | Platinum | 99.99 % |

1. **SUPPLIER PERFORMANCE REPORTING**
	1. **The Supplier will report on a weekly basis to SITA/Client during the design, installation and implementation phase of the project; weekly written reports are to be presented to the SITA/Client on the progress of the preceding week until installation process has been completed.**
	2. **Quarterly meetings to be scheduled between SITA/Client and service provider and also ADHOC meetings from both sided.**
	3. **The Supplier is required to generate regular reports as outputs during the maintenance and support cycle within the following service levels (the report type will drive the service level agreement; definition of the content of each report type will be finalised at the time of concluding the contracted service level agreement).**
2. **CERTIFICATION, EXPERTISE AND QUALIFICATION**
	1. The **Supplier** must utilise at least two (2) technical employees who are OEM/OSM Switches, Wireless Access Points & Software Licenses certified for the entire period of the contract.
	2. **The Supplier represents that,**
		1. **it has the necessary expertise, skill, qualifications and ability to undertake the work required in terms of the Statement of Work or Service Definition and;**
		2. **it is committed to provide the Products or Services; and**
		3. **perform all obligations detailed herein without any interruption to the Customer.**
	3. The Supplier must provide the service in a good and workmanlike manner and in accordance with the practices and high professional standards used in well-managed operations performing services similar to the Services;
	4. The Supplier must perform the Services in the most cost-effective manner consistent with the level of quality and performance as defined in Statement of Work or Service Definition;
	5. **Original Equipment Manufacturer (OEM) or Original Software Manufacturer (OSM) work. The Supplier must ensure that work or service is performed by a person who is certified by Original Equipment Manufacturer or Original Software Manufacturer.**
3. **LOGISTICAL CONDITIONS**
	1. **Hours of work**, 08h00 – 16h30.
	2. In the event that SITA grants the Supplier permission to access SITA's Environment including hardware, software, internet facilities, data, telecommunication facilities and/or network facilities remotely, the Supplier must adhere to SITA's relevant policies and procedures (which policy and procedures are available to the Supplier on request) or in the absence of such policy and procedures, in terms of, best industry practice.
	3. **Tools of Trade**. The Supplier must bring their necessary tools of trade in order for them to perform their duties adequately.
	4. **Support and Help Desk**. After hours helpdesk support is required for the period of the first three months per site during weekdays including weekends and public holidays.
4. **SKILLS TRANSFER AND TRAINING**
	1. The Supplier must provide informal training on the proposed solution or product to 10 technical staff and operator to enable SITA and COGHSTA to operate and support the product or solution after implementation.
5. **REGULATORY, QUALITY AND STANDARDS**
	1. **The Supplier must for the duration of the contract ensure compliance with ISO/IEC General Quality Standards, ISO27001, and Protection of Personal Information Act (POPIA).**
	2. **The Supplier must for the duration of the contract ensure compliance with General Quality Standards, ISO 9001**
6. **PERSONNEL SECURITY CLEARANCE**
	1. **The Supplier personnel who are required to work with GOVERNMENT CLASSIFIED information or access government RESTRICTED areas must be a South African Citizen and at the expense of the Supplier be security vetted (pre-employment screening, criminal record screening and credit screening).**
	2. **The Supplier must ensure that the security clearances of all personnel involved in the Contract remains valid for the period of the contract.**
	3. **The Supplier must provide proof of security vetting.**
7. **CONFIDENTIALITY AND NON-DISCLOSURE CONDITIONS**
	1. **The Supplier, including its management and staff, must before commencement of the Contract, sign a non-disclosure agreement regarding Confidential Information.**
	2. Confidential Information means any information or data, irrespective of the form or medium in which it may be stored, which is not in the public domain and which becomes available or accessible to a Party as a consequence of this Contract, including information or data which is prohibited from disclosure by virtue of:
		1. the Promotion of Access to Information Act, 2000 (Act no. 2 of 2000);
		2. being clearly marked "Confidential" and which is provided by one Party to another Party in terms of this Contract;
		3. being information or data, which one Party provides to another Party or to which a Party has access because of Services provided in terms of this Contract and in which a Party would have a reasonable expectation of confidentiality;
		4. being information provided by one Party to another Party in the course of contractual or other negotiations, which could reasonably be expected to prejudice the right of the non-disclosing Party;
		5. being information, the disclosure of which could reasonably be expected to endanger a life or physical security of a person;
		6. being technical, scientific, commercial, financial and market-related information, know-how and trade secrets of a Party;
		7. being financial, commercial, scientific or technical information, other than trade secrets, of a Party, the disclosure of which would be likely to cause harm to the commercial or financial interests of a non-disclosing Party; and
		8. being information supplied by a Party in confidence, the disclosure of which could reasonably be expected either to put the Party at a disadvantage in contractual or other negotiations or to prejudice the Party in commercial competition; or
		9. information the disclosure of which would be likely to prejudice or impair the safety and security of a building, structure or system, including, but not limited to, a computer or communication system; a means of transport; or any other property; or a person; methods, systems, plans or procedures for the protection of an individual in accordance with a witness protection scheme; the safety of the public or any part of the public; or the security of property; information the disclosure of which could reasonably be expected to cause prejudice to the defence of the Republic; security of the Republic; or international relations of the Republic; or plans, designs, drawings, functional and technical requirements and specifications of a Party, but must not include information which has been made automatically available, in terms of the Promotion of Access to Information Act, 2000; and information which a Party has a statutory or common law duty to disclose or in respect of which there is no reasonable expectation of privacy or confidentiality;
	3. Notwithstanding the provisions of this Contract, no Party is entitled to disclose Confidential Information, except where required to do so in terms of a law, without the prior written consent of any other Party having an interest in the disclosure;
	4. Where a Party discloses Confidential Information which materially damages or could materially damage another Party, the disclosing Party must submit all facts related to the disclosure in writing to the other Party, who must submit information related to such actual or potential material damage to be resolved as a dispute;
	5. Parties may not, except to the extent that a Party is legally required to make a public statement, make any public statement or issue a press release which could affect another Party, without first submitting a written copy of the proposed public statement or press release to the other Party and obtaining the other Party's prior written approval for such public statement or press release, which consent must not unreasonably be withheld.
8. **GUARANTEE AND WARRANTIES****.** The Supplier warrants that:
	1. The warranty of goods supplied under this contract remains valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier;
	2. as at Commencement Date, it has the rights, title and interest in and to the Product or Services to deliver such Product or Services in terms of the Contract and that such rights are free from any encumbrances whatsoever;
	3. the Product is in good working order, free from Defects in material and workmanship, and substantially conforms to the Specifications, for the duration of the Warranty period;
	4. during the Warranty period any defective item or part component of the Product be repaired or replaced within 3 (three) days after receiving a written notice from SITA;
	5. the Products is maintained during its Warranty Period at no expense to SITA;
	6. the Product possesses all material functions and features required for SITA’s Operational Requirements;
	7. the Product remains connected or Service is continued during the term of the Contract;
	8. all third-party warranties that the Supplier receives in connection with the Products including the corresponding software and the benefits of all such warranties are ceded to SITA without reducing or limiting the Supplier’s obligations under the Contract;
	9. no actions, suits, or proceedings, pending or threatened against it or any of its third-party suppliers or sub-contractors that have a material adverse effect on the Supplier’s ability to fulfil its obligations under the Contract exist;
	10. SITA is notified immediately if it becomes aware of any action, suit, or proceeding, pending or threatened to have a material adverse effect on the Supplier’s ability to fulfil the obligations under the Contract;
	11. any Product sold to SITA after the Commencement Date of the Contract remains free from any lien, pledge, encumbrance or security interest;
	12. SITA’s use of the Product and Manuals supplied in connection with the Contract does not infringe any Intellectual Property Rights of any third party;
	13. the information disclosed to SITA does not contain any trade secrets of any third party, unless disclosure is permitted by such third party;
	14. it is financially capable of fulfilling all requirements of the Contract and that the Supplier is a validly organized entity that has the authority to enter into the Contract;
	15. it is not prohibited by any loan, contract, financing arrangement, trade covenant, or similar restriction from entering into the Contract;
	16. the prices, charges and fees to SITA as contained in the Contract are at least as favourable as those offered by the Supplier to any of its other customers that are of the same or similar standing and situation as SITA; and
	17. any misrepresentation by the Supplier amounts to a breach of Contract.
9. **INTELLECTUAL PROPERTY RIGHTS**
	1. SITA retains all Intellectual Property Rights in and to SITA's Intellectual Property. As of the Effective Date, the Supplier is granted a non-exclusive license, for the continued duration of this Contract, to perform any lawful act including the right to use, copy, maintain, modify, enhance and create derivative works of SITA's Intellectual Property for the sole purpose of providing the Products or Services to SITA pursuant to this Contract; provided that the Supplier must not be permitted to use SITA's Intellectual Property for the benefit of any entities other than SITA without the written consent of SITA, which consent may be withheld in SITA's sole and absolute discretion. Except as otherwise requested or approved by SITA, which approval is in SITA's sole and absolute discretion, the Supplier must cease all use of SITA's Intellectual Property, at of the earliest of:
		1. termination or expiration date of this Contract;
		2. the date of completion of the Services; and
		3. the date of rendering of the last of the Deliverables.
	2. If so required by SITA, the Supplier must certify in writing to SITA that it has either returned all SITA Intellectual Property to SITA or destroyed or deleted all other SITA Intellectual Property in its possession or under its control.
	3. SITA, at all times, owns all Intellectual Property Rights in and to all Bespoke Intellectual Property.
	4. Save for the license granted in terms of this Contract, the Supplier retains all Intellectual Property Rights in and to the Supplier’s pre-existing Intellectual Property that is used or supplied in connection with the Products or Services.
	5. Provide SITA with the compliant safety file.
10. **GENERAL**

“The parties in this Agreement agree that the offer price of all the equipment shall be at the wholesale price or below wholesale price as agreed with the OEM. Should, at any time during the existence of the agreement that the offered price which is higher than the wholesale price or as agreed with the OEM, SITA client shall be entitled to such wholesale price with the exclusion of the mark-up which the reseller may have charged”.

**NOTE**: These conditions will form part of the contract obligations and suppliers are expected to comply in order for SITA to conclude an agreement with the potential suppliers. Failure to comply during finalisation of a contract may result to disqualification.

1. **COUNTER CONDITIONS**
	1. Bidders’ attention is drawn to the fact that amendments to any of the Bid Conditions or setting of counter conditions by bidders may result in the invalidation of such bids.
2. **FRONTING**
	1. The SITA supports the spirit of Broad Based Black Economic Empowerment and recognizes that real empowerment can only be achieved through individuals and businesses conducting themselves in accordance with the Constitution and in an honest, fair, equitable, transparent and legally compliant manner. Against this background the SITA any form of fronting.
	2. The SITA, in ensuring that bidders conduct themselves in an honest manner will, as part of the bid evaluation processes, conduct or initiate the necessary enquiries/investigations to determine the accuracy of the representation made in bid documents. Should any of the fronting indicators as contained in the Guidelines on Complex Structures and Transactions and Fronting, issued by the Department of Trade and Industry, be established during such enquiry/investigation, the onus will be on the bidder / contractor to prove that fronting does not exist. Failure to do so within a period of 14 days from date of notification may invalidate the bid / contract and may also result in the restriction of the bidder/contractor to conduct business with the public sector for a period not exceeding ten (10) years, in addition to any other remedies SITA may have against the bidder/contractor concerned.
3. **BUSINESS CONTINUITY AND DISASTER RECOVERY PLANS**

The bidder confirms that they have written business continuity and disaster recovery plans that define the roles, responsibilities and procedures necessary to ensure that the required services under this bid specification is in place and will be maintained continuously in the event of a disruption to the bidder’s operations, regardless of the cause of the disruption.

1. **SUPPLIER DUE DILIGENCE**

SITA reserves the right to conduct supplier due diligence prior to final award or at any time during the Contract period and this may include pre-announced/ non-announced site visits. During the due diligence process the information submitted by the bidder will be verified and any misrepresentation thereof may disqualify the bid or Contract in whole or parts thereof.

## DECLARATION OF COMPLIANCE

|  | **ACCEPT ALL** | **DO NOT ACCEPT ALL** |
| --- | --- | --- |
| 1. The bidder declares to ACCEPT ALL the Special Condition of Contract as specified in section 7.2 above by indicating with an “X” in the “ACCEPT ALL” column, OR
2. The bidder declares to NOT ACCEPT ALL the Special Conditions of Contract as specified in section 7.2 above by -
	1. Indicating with an “X” in the “DO NOT ACCEPT ALL” column, and;
	2. Provide reason and proposal for each of the conditions that is not accepted.
 |  |  |
| **Comments by bidder:**Provide reason and proposal for each of the conditions not accepted as per the format:Condition Reference:Reason:Proposal: |

* 1. COSTING AND PRICING

# COSTING AND PRICING

## COSTING AND PRICING EVALUATION

1. In terms of Preferential Procurement Policy Framework Act (PPPFA), the following preference point system is applicable to all Bids:
	1. the 80/20 system (80 Price, 20 B-BBEE) for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); or
	2. the 90/10 system (90 Price and 10 B-BBEE) for requirements with a Rand value above R50 000 000 (all applicable taxes included).
2. This bid will be evaluated using the preferential point system of **80/20**, subject to the following conditions –
	1. If the lowest acceptable bid price is up to and including R50 000 000 (all applicable taxes included) then the 80/20 preferential point system will apply to all acceptable bids; or
	2. If the lowest acceptable bid price is above R50 000 000 (all applicable taxes included) then the 90/10 preferential point system will apply to all acceptable bids;
3. The bidder must **complete the declaration of acceptance** as per section 8.4 below by marking with an “X” either “ACCEPT ALL”, or “DO NOT ACCEPT ALL”, failing which the declaration will be regarded as “DO NOT ACCEPT ALL” and the bid will be disqualified.
4. Bidder will be bound by the following general costing and pricing conditions and SITA reserves the right to negotiate the conditions or automatically disqualify the bidder for not accepting these conditions. These conditions will form part of the Contract between SITA and the bidder. However, SITA reserves the right to include or waive the condition in the Contract.

## COSTING AND PRICING CONDITIONS

1. **SOUTH AFRICAN PRICING**

The total price must be VAT inclusive and be quoted in South African Rand (ZAR).

1. **TOTAL PRICE**
	1. All quoted prices are the total price for the entire scope of required services and deliverables to be provided by the bidder.
	2. The cost of delivery, labour, S&T, overtime, etc. must be included in this bid.
	3. All additional costs must be clearly specified.
2. **BID EXCHANGE RATE CONDITIONS.** The bidders must use the exchange rate provided below to enable SITA to compare the prices provided by using the same exchange rate:

|  |  |
| --- | --- |
| **Foreign currency** | **South African Rand (ZAR) exchange rate**  |
| 1 US Dollar | R17,37 |
| 1 Euro | R20,53 |
| 1 Pound | R17,82 |

## BID PRICING SCHEDULE

**Note**: Bidders will complete the bid pricing schedule in the Excel spreadsheet format provided and include this as part of the hard copy submission documents and on the memory stick/USB to be submitted Refer to section 8.

**SITA reserves the right to negotiate pricing with the successful bidder prior to the award as well as envisaged quantities**.

## DECLARATION OF ACCEPTANCE

|  | **ACCEPT ALL** | **DO NOT ACCEPT ALL** |
| --- | --- | --- |
| 1. The bidder declares to ACCEPT ALL the Costing and Pricing conditions as specified in section 8.2 above by indicating with an “X” in the “ACCEPT ALL” column, or
2. The bidder declares to NOT ACCEPT ALL the Costing and Pricing Conditions as specified in section 8.2 above by -
	1. Indicating with an “X” in the “DO NOT ACCEPT ALL” column, and;
	2. Provide reason and proposal for each of the condition not accepted.
 |  |  |
| **Comments by bidder:**Provide the condition reference, the reasons for not accepting the condition. |

* 1. Terms and definitions

# ABBREVIATIONS

AUX Auxiliary

COGHSTA Cooperative Governance, Human Settlements and Traditional affairs

CSD Communications-Computer Systems Directive

VLAN Virtual Local Area Network

Gbps Gigabits Per Seconds

G Gigabits

ICT Information and Communication Technology

LAN Local Area Network

MB Megabytes

Mbps Megabits Per Second

MRC Monthly Recurring Charge

OEM Original Equipment Manufacturer

POE Power over Ethernet

PPPFA Preferential Procurement Policy Framework Act

RJ-45 Registered Jack-45

SFP Small Form Factor

DC Direct Current

Bpps Billion Packet per Second

UPS Uninterruptible Power Supply

TBps Terabytes per second

Qsfp Quad Small Form Factor Pluggable Module

At/af Ampere trip / Ampere Frame

GHz Gigahertz

W Wats

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1. BIDDER SUBSTANTIATING EVIDENCE

## 10. MANDATORY REQUIREMENT

## 10.1 EVIDENCE****BIDDER CERTIFICATION / AFFILIATION REQUIREMENTS****

Attach a copy of a valid documentation (certificate or letter) from OSM/OEM indicating the bidder is a registered OSM/OEM partner to provide Network Switches, Wireless Access Points, Software Licenses & Network Management System/Tool here.

## ****BIDDER EXPERIENCE AND CAPABILITY REQUIREMENTS****

Complete table below, noting that:

* 1. Provide a reference letter and fill-in Annex B reference details of a customer to whom the Supply, Delivery, Installation and Configuration of Network Switches, Wireless Access Points, Software Licenses & Network Management System/Tool was provided.
	2. Project end-date must be current or not older than four (4) years from date this bid is advertised,
	3. Scope of work must be related.

Table 1: References

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Company name** | **Reference Person Name, Tel and/or email** | **Project Scope of work**  | **Project Start and End-date** |
| 1 | <Company name> | <Person Name><Tel><email> | < Provide details of the project scope from customer to whom the supply, installation & Configuration of Network Switches, Wireless Access Points, Software Licenses & Network Management System/Tool.   | Start Date:End Date: |

## ****PRODUCT** / **SERVICE FUNCTIONAL REQUIREMENT****

The bidder must confirm that they comply with the Product / Service Requirements by completing Annex C: Addendum

ANNEX C: ADDENDUM 1

NB: The bidder must confirm that they comply with the following Service / Product Requirements as indicated below as this will be legal contractual binding:

Table 2: References:

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Project Scope of work**  | **Quantity** | **Indicate** **Yes = Comply/** **No= Not Comply**  |
| **1.** | **48 Port POE Access Switches**a) Port Requirement: Minimum 2x 10Gig Uplink, 48 PoE+ 10/100/1000 Copper/RJ45b) Switching capacity: Minimum 160 Gbpsc) VLANs: 1000+d) Jumbo frames: 9216 bytese) Forwarding rate: 130 Mppsf) Stacking: Requiredg) PoE: 30W Per Porth) MAC addresses: 32000 | 42 |  |
| **2.** | **48 Port Core Switches**1. Port Requirement: Minimum 4x 100Gig (QSFP) Uplink, 48x 1/10(SFP+) Gigabit Ethernet
2. Switching capacity: Minimum 2.2 Tbps
3. Forwarding rate: 1 Bpps
4. MAC addresses: 128000
5. VLANs: 1000+
6. Jumbo frames: 9216 bytes
 | 4 |  |
| **3.** | **Wireless Access Point**1. Interface type: 1X10M/100M/1GE/2.5GE(RJ-45), 1X10M/100GE(RJ-45)
2. Bluetooth: BLE 5.0
3. LED indicator: indicate the power-on, start-up, running, alarm & fault state of the system
4. Power input: DC:12V +-16%, POE power supply: in compliance with 802.3at/af
5. Maximum power consumption: 17.9 W (excluding USB)
6. Antenna type: Built-in smart antennas
7. Antenna gain: 2.4 GHz: 4dBi, 5GHz: 5dBi
8. Maximum number of SSIDs for each radio:
9. Maximum number of users: <=1024 (512/Radio)
10. Maximum transmit power: 2. 4GHz:25dBm(combined power), 5GHz:28dBm(combined power)
11. Power increment: 1dBm
 | 100 |  |
| **4.** | **Network Management System/Tool**1. **Hierarchical & Decentralized management**
2. **Full network monitoring**
3. Devices management (routers, switches, wireless access points, etc)
4. **Devices configuration**
5. **Client management**
6. **Alarm management**
7. **Operation logs**
8. **Fault report**
9. **System messages**
10. **Problem location and analysis**
11. **Client access analysis**
 | 1 |  |
| **5** | Software Licenses for Switches for 36 Months | 46 |  |
| **6** | Software Licenses for Wireless Access Points for 36 Months | 100 |  |
| **7** | Software Licenses for Network Management System/Tool for 36 Months | 1 |  |

I, the bidder (Full names) …………………………………………………. representing (company name) ……………………………………………………………. Hereby confirm that I comply with the above Technical Mandatory Requirements and understand that it will form part of the contract and is legally binding.

Thus, done and signed at ……………………………………. On this………day of……………….20….

**……………………………….**

**Signature**

**Designation:**