



TENDER DOCUMENT: HPCSA 10/2023

REQUEST FOR PROPOSAL FOR

PROCUREMENT OF NETWORK INFRASTRUCTURE EQUIPMENT, IMPLEMENTATION, AND VENDOR SUPPORT FOR A PERIOD OF THREE (3) YEARS

ON BEHALF OF THE HEALTH PROFESSIONS COUNCIL OF SOUTH AFRICA

Situated at: 553 Madiba Street, Arcadia, Pretoria

TABLE OF CONTENTS

Contents

- 1. PART 1 – GENERAL TENDER INFORMATION - 3 -**
- 2. PART 2 - DETAILS OF TENDERER..... - 4 -**
- 3. PART 3 – FORM OF OFFER AND ACCEPTANCE..... - 5 -**
- 4. PART 4 - ADMINISTRATIVE INFORMATION..... - 8 -**
 - 4.1 Purpose..... - 8 -**
 - 4.2 HPCSA Terms & Conditions of the Tender - 8 -**
 - 4.3 Confidentiality..... - 9 -**
 - 4.4 Retention of Tenders..... - 9 -**
 - 4.5 Cancellation and re-invitation of bids..... - 9 -**
 - 4.6 Vendor Communications - 9 -**
 - 4.7 Prime Service Provider Relationship..... - 9 -**
 - 4.8 Response Validity Period..... - 10 -**
 - 4.9 Pricing Section - 10 -**
- 5. PART 5 – TERMS OF REFERENCE (SPECIFICATION) - 10 -**
 - 5.1 Background..... - 10 -**
 - 5.2 Scope of work..... - 13 -**
 - 5.3 Briefing session and site assessment..... - 13 -**
- 6. Duration of contract - 19 -**
- 7. PART 6 - EVALUATION PROCESS..... - 19 -**
- 8. PART - 8 HPCSA CONTRACT Template (Attached separately) .. - 25 -**
- ANNEXURE A - 26 -**
- ANNEXURE A SBD 4 (Attached separately) 39-**
- ANNEXURE B SBD 8 (Attached separately)40**
- ANNEXURE C SBD 9 (Attached separately)41**
- ANNEXURE D SBD 6.1 (Attached separately)42**

1. PART 1 – GENERAL TENDER INFORMATION

TENDER ADVERTISED	19 November 2023
TENDER CLOSING DATE/TIME	12 December 2023 (12h00 – Local SA Time)
COMPULSORY BRIEFING DATE & TIME	27 November 2023 @ 12:00
VENUE	Via Microsoft Teams Meeting
TENDER BOX & ADDRESS	Tender Box, Reception Area HPCSA Main Building 553 Madiba Street Arcadia, Pretoria 0001 If the tender offer is too large to fit into the above-mentioned box or the box is full, please enquire at the Reception.
HPCSA TENDER REPRESENTATIVES	Mr. R Mawasane email: Tenders@hpcsa.co.za
TENDER FEE:	N/A.
OPENING OF TENDERS: PLACE TIME	HPCSA Main Building, 553 Madiba Street 12 December 2023 [12:00]
PREFERENCE SYSTEM (Preferential Procurement Regulations)	80/20

2. PART 2 - DETAILS OF TENDERER

2.1 Type of Entity (Please tick one box)

Individual / Sole Proprietor
Company

Close Corporation

Partnership or Joint Venture or Consortium Trust

Other:

2.2 Required Details (Please provide applicable details in full):

Name of Company / Close Corporation or Partnership / Joint Venture / Consortium or Individual /Sole Proprietor	
Trading as (if different from above)	
Company / Close Corporation registration number (if applicable)	
Postal address	Postal Code _____
Physical address (Chosen domicilium citandi et executandi)	Postal Code _____
Contact details of the person duly authorised to represent the tenderer	Name: Mr/Ms _____ (Name & Surname) Telephone:(____) _____ Fax:(____) _____ Cellular Telephone: _____ E-mail address: _____
Income tax number	
VAT registration number	
SARS Tax Compliance Status PIN	

3. PART 3 – FORM OF OFFER AND ACCEPTANCE

TENDER NO: HPCSA 10/2023 PROCUREMENT OF NETWORK INFRASTRUCTURE EQUIPMENT, IMPLEMENTATION, AND VENDOR SUPPORT FOR A PERIOD OF THREE (3) YEARS.

PART A (TO BE FILLED IN BY TENDERER):

Required Details (Please provide applicable details in full):

Name of Tendering Entity* (“the tenderer”)	
Trading as (if different from above)	

AND WHO IS represented herein by:(full names of signatory) _____

duly authorised to act on behalf of the tenderer in his capacity as: (title/ designation) _____

HEREBY AGREES THAT by signing the *Form of Offer and Acceptance*, the tenderer:

1. confirms that it has examined the documents listed in the Index (including Schedules and Annexures) and has accepted all the Conditions of Tender;
2. confirms that it has received and incorporated any and all notices issued to tenderers issued by the HPCSA;
3. confirms that it has satisfied itself as to the correctness and validity of the tender offer; that the price(s) and rate(s) offered cover all the goods and/or services specified in the tender documents; that the price(s) and rate(s) cover all its obligations and accepts that any mistakes regarding price(s), rate(s) and calculations will be at its own risk;
4. offers to supply all or any of the goods and/or render all or any of the services described in the tender document to the HPCSA in accordance with the:
 - a. terms and conditions stipulated in this tender document;
 - b. specifications stipulated in this tender document; and
5. accepts full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on it in terms of the Contract.

Signature(s)

Print name(s):
On behalf of the tenderer (duly authorised)

Date

FORM OF OFFER AND ACCEPTANCE (continued)

TENDER NO: HPCSA 10/2023 PROCUREMENT OF NETWORK INFRASTRUCTURE EQUIPMENT, IMPLEMENTATION, AND VENDOR SUPPORT FOR A PERIOD OF THREE (3) YEARS.

PART B (TO BE FILLED IN BY THE HPCSA)

By signing this *Form of Offer and Acceptance* the HPCSA (also referred to as the 'Purchaser'):

1. accepts the offer submitted by (DETAILS OF SUCCESSFUL TENDERER, ALSO REFERRED TO AS THE "SERVICE PROVIDER")

_____, thereby concluding a contract with the Service Provider for a contract period from date of commencement of contract not exceeding 60 months;

2. undertakes to make payment for the goods/services delivered in accordance with the terms and conditions of the Contract.

SIGNED AT _____ ON THIS THE _____ DAY OF _____ 20____
(PLACE) (DD) (MM) (YY)

Signature(s) and stamp of
Executive Director or his/ her delegated authority

Print name(s):
(duly authorised in terms of the
System of Delegations as
approved by Council)

FORM OF OFFER AND ACCEPTANCE (continued)

Schedule of Deviations

Notes:

- a) The extent of deviations from the tender documents issued by the HPCSA before the tender closing date is limited to those permitted in terms of the conditions of tender.
- b) A tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
- c) Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.
- d) Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

e) Subject

...

Details

.....

.....

.....

f) Subject

.....

Details

.....

.....

.....

g) Subject

.....

Details

.....

.....

By the duly authorized representatives signing this agreement, the HPCSA and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to this tender document and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the HPCSA during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

4. PART 4 - ADMINISTRATIVE INFORMATION

4.1 Purpose

4.1.1 The purpose of this tender is to invite service providers to submit proposals for Procurement of network infrastructure equipment, implementation, and vendor support for a period of three (3) years:

- a. Cabling
- b. Switches / Routers / Multilayer Switches
- c. Wireless (WiFi and microwave Point-to-Point)
- d. Firewall (software and licensing)
- e. VPN

4.1.2 The terms of reference are enclosed which clearly indicate services required and deliverables.

4.1.3 The appointed firm should be prepared to perform the required services in accordance with the applicable standards.

4.1.4 Service Providers are required to provide all information as necessary to demonstrate their capabilities and experience about the requested services.

4.2 HPCSA Terms & Conditions of the Tender

4.2.1 The HPCSA reserves the right without furnishing any reasons whatsoever, to cancel, withdraw or re-advertise, or to award or not to award this service/tender(s).

4.2.2 The HPCSA reserves the right not to accept the lowest tender or any tender, in part or in whole.

4.2.3 Successful applicants will be required to enter into service level agreements with the HPCSA in addition to contractual obligations.

4.2.4 Tenders should be submitted in a sealed package marked, “**HPCSA 10/2023**”

4.2.5 **Bidders are required to provide hard copies of their bid submission/ regarding Envelope 1 – “Technical Proposal”, bidders must provide original proposal plus three (3) hard copies.** The sealed envelope must be placed in the tender box at the Main Reception area of the HPCSA Building, 553 Madiba Street, Arcadia, 0002, South Africa.

Note: This Tendering Process will use a two-envelope system i.e. Bidders must submit the Administrative Requirements (Mandatory) and functional proposal in one envelope (together with relevant copies) and pricing and preference points proposals in a separate envelope (together with the relevant copies). BOTH ENVELOPES MUST BE CLEARLY MARKED.

4.2.6 No Tender received by telegram, mail, e-mail or facsimile will be considered.

4.2.7 Where a tender is not submitted at the time of the tender closing, such a tender will not be assessed.

4.2.8 The HPCSA is entitled to amend any tender condition, validity period and specification of such a tender before the closing date. All tenderers, to whom the tender documents have been issued, will be advised in writing of such amendment or of extensions, promptly.

4.3 Confidentiality

4.3.1 Both parties shall keep all information obtained by them in the context of the Contract confidential and shall not divulge it without the written approval of the other party.

4.4 Retention of Tenders

4.4.1 All tenders submitted shall become the property of the HPCSA. The HPCSA will make all reasonable efforts to maintain tenders in confidence. Proprietary information should be identified in each tender.

4.5 Cancellation and re-invitation of bids

4.5.1 The decision to cancel a bid will be published in the same media in which the original bid invitation was advertised.

4.6 Vendor Communications

4.6.1 During the tendering period, communications between vendors and the HPCSA will only be in writing through email for any queries and questions. All communications, correspondence, documentation, manuals, tenders, presentations, demonstrations etc., must be in English. All questions concerning the Tender must refer to the Tender page number, section number and paragraph number. All questions and correspondence must only be directed to the authorised HPCSA Tender Representatives, listed in PART 1 of the tender.

4.7 Prime Service Provider Relationship

4.7.1 The HPCSA intends to contract only with an identified vendor known as the Prime Service Provider when the Tender is issued. Subcontracting assignments will be allowed. The subcontractors should adhere to the same requirements as set out for the Prime Service Provider. In the event of a subcontracting arrangement, the Prime Service Provider assumes full responsibility for delivery, installation, maintenance, and any support service including documentation that is supplied by the subcontractor.

4.8 Response Validity Period

4.8.1 Tender responses will be valid for a period of 90 days after the closing date.

4.9 Pricing Section

4.9.1 These guidelines are to assist you in submitting pricing data.

4.9.2 Provide a summary description of your standard estimating methods bearing the following in mind:

- a. Prices based on currencies other than the South African Rand, the exchange rate utilised, and the date of the exchange rate must be clearly indicated;
- b. Prices are to be inclusive of all applicable tax. An indication of those prices to which tax does not apply is also required.

5. PART 5 – TERMS OF REFERENCE (SPECIFICATION)

5.1 Background

5.1.1 The Health Professions Council of South Africa (HPCSA) is a statutory body established under the Health Professions Act 56 of 1974 (as amended) and is mandated to regulate the health professions in the Republic of South Africa and functions through 12 Professional Boards operating under its auspices. The Professional Boards control the professions falling within their ambit under the overarching coordination and guidance of the HPCSA and are responsible for:

- a) Setting standards for the Education, training and registration and practice of all health professions registered under the Act;
- b) Fostering compliance with the standards set;
- c) Ensure ongoing continuing professional development by practitioners; and
- d) Investigate complaints lodged against practitioners registered under the Act.

5.1.1.1 The terms of reference are intended to provide a scope of work and deliverables for the provision of proposals for the supply, install, configure and support of converged network infrastructure

5.1.1.2 The HPCSA advertised this tender for a refresh and improvement (redundancy and modern technology) of network infrastructure capable of handling quality voice and video transmission. The following are current network capabilities:

- a. Share files online;
- b. Online meetings;
- c. Video conferencing;

- d. Microsoft Teams calls; and
- e. Online self-services to Practitioners
- f. VoiP

The online services require resilient converged network which will enable Council to effectively and efficiently provide services to its clientele.

5.1.2 Current network infrastructure

5.1.2.1 The HPCSA currently has 2 buildings in Pretoria Arcadia situated on 572 and 553 Madiba Street. Outlined below is a table with the number of network points deployed in the HPCSA. Detailed information will be provided during site inspection and briefing.

<p>CORE NETWORKING LAYER</p> <p>The core network layer consist of a single Dell EMC Networking C9010 network director. This network director has the following line cards installed:</p>
<ul style="list-style-type: none"> • 2 x Dell Networking 6 port 40GbE QSFP+ Line Cards • 2 x Dell Networking 24 port 10GbE SFP+ Line Cards • 2 x Route Processor Module (RPM) for C9010 • 2 x 2900W Power Supply for C9010 • 3 x Fan modules for C9010
<p>To provide 1000BaseT connectivity at the core networking layer, one Dell EMC Networking N2048P switch is configured as a port extender on the C9010 network director. C9010 network director has a single point of failure.</p>
<p>SECURITY LAYER</p>
<p>2 x Next-generation Firewalls</p>
<p>The firewalls are in high availability configuration.</p>
<p>The 2 x firewalls are connected to the Dell EMC Networking C9010 network director through 2 x 10GbE network connections each.</p>
<p>DEMILITARIZED ZONE</p>
<p>To cater for the requirement of a Demilitarized Zone (DMZ), there is connection of a single Dell EMC Networking N2024P switch via 1000BaseT ports to the firewalls.</p>
<p>DISTRIBUTION LAYER (AGGREGATION LAYER)</p>
<p>The distribution or aggregation layer consists of 1 stack of 2 x Dell EMC Networking N4032F switches in each physical location.</p>
<p>In the Main Building (553 Madiba Street), the distribution layer connect to the core switch via 4 x 40GbE connections, these are configured in a Link Aggregation Group (LAG) or port channel to provide a redundant layer 2 connection.</p>
<p>In the Metroden Building (557 Madiba Street), the distribution layer connect to the core switch via the existing 100Mbps microwave link, this link terminates on the 3rd floor and will connect to a single</p>

Dell EMC Networking N2048P switch, which in turn is connected to the distribution layer switch on the 1st floor via redundant 10GbE network connections.

ACCESS LAYER

The access layer consists of Dell EMC Networking N2048P switches and Aerohive AP230 wireless access points installed in various locations throughout the 2 buildings currently occupied by HPCSA in Pretoria. All switches are connected to the distribution layer switch in the respective building via redundant 10GbE connections. All client access points are configured with a single cable to the switch, these ports are configured to provide both Data (LAN) and Voice (VOIP) with Quality of Service (QoS)

The Aerohive Wireless access points are configured with 2 network SSIDs, to provide staff and guests with wireless network connectivity. The configuration lacks user login using Active Directory as all users share one password. The LAN ports lack 802.1x authentication using Active Directory.

553 MADIBA STREET (MAIN BUILDING)

Ground Floor

- o 2 x Dell EMC Networking N2048P switch
- o 1 x Dell EMC Networking N2048P switch
- o 5 x Aerohive AP230 wireless access point

1st Floor

- o 2 x Dell EMC Networking N2048P switch
- o 4 x Aerohive AP230 wireless access point

2nd Floor

- o 2 x Dell EMC Networking N2048P switch
- o 3 x Aerohive AP230 wireless access point

3rd Floor

- o 1 x Dell EMC Networking N2048P switch
- o 3 x Aerohive AP230 wireless access point

4th Floor

- o 1 x Dell EMC Networking N2048P switch
- o 3 x Aerohive AP230 wireless access point

572 MADIBA STREET (METRODEN BUILDING)

1st Floor

- o 1 x Dell EMC Networking N2048P switch
- o 1 x Aerohive AP230 wireless access point
- o 1 x Aerohive AP250 wireless access point

2nd Floor

- o 1 x Dell EMC Networking N2048P switch
- o 1 x Aerohive AP230 wireless access point
- o 1 x Aerohive AP250 wireless access point

3rd Floor

- o 1 x Dell EMC Networking N2048P switch
- o 1 x Aerohive AP230 wireless access point

o	1 x Aerohive AP250 wireless access point
4th Floor	
o	2 x Dell EMC Networking N2048P switch
o	1 x Aerohive AP230 wireless access point
o	1 x Aerohive AP250 wireless access point
5th Floor	
o	1 x Dell EMC Networking N2048P switch
o	1 x Aerohive AP250 wireless access point
7th Floor	
o	1 x Dell EMC Networking N2048P switch
o	1 x Aerohive AP230 wireless access point
o	2 x Aerohive AP250 wireless access point

5.2 Scope of work

5.2.1 The HPCSA invites proposals from suitably qualified service providers for a refresh and improvement of the existing Networking Infrastructure. The network infrastructure must cover the scope of current infrastructure as per above background, with improvements. The scope of work entails designing, supplying, installing, configuring and supporting Converged Networking Infrastructure by providing CAT 6 cables, fiber cables, Switches (POE), Firewall, VPN, routers, multilayer switches, connectors, transceivers, access points, and improved wireless connectivity (WiFi, microwave Point-to-point). The existing cables and equipment will be removed and replaced by the successful service provider. The solution should integrate with HPCSA's systems and Storage Area Network. The network should support modern networking technologies such as SDN and segmentation, scalability, modularity, and security.

5.2.2 Briefing session and site assessment

5.2.2.1 Briefing session and site assessment is compulsory. Only service providers who attend the briefing session will be considered.

5.2.3 Cabling

5.2.3.1 Suppliers are expected to attend a planned site visit in order to size the cabling requirements. In sizing the cabling requirements suppliers must consider the following

- a. Structured voice, video and data cabling;
- b. Re-cabling of all end-points using CAT6 connections that are connected to a patch panel on each floor/cabinet;
- c. New cable Trunks where applicable;
- d. Reuse of existing cabinets where possible;
- e. Installation of Wireless Access Points;
- f. Labelling.

5.2.4 Switch Specification

5.2.4.1 All Access switches will connect to distribution switches. Refer to paragraph 3 to access switch table for quantities. There will be 2 x Distribution switches in a stacking configuration per building. The Distribution switches will uplink to the core switch in the main building.

5.2.4.2 24 Port POE+ Access Switch Specification

- a. Minimum Switch requirement per location cabinet
 - i. 2 x 24 Port 1000B-T in a stacking configuration
 - ii. 2 x 10Gbps SFP+ SR UPLINKS to Building Distribution Switch – OM4 Cables
 - iii. Total of 48 ports
- b. Each 24 Port POE+ Switch with the following configuration:
 - i. 24 x RJ-45 autosensing 10/100/1000 PoE+
 - ii. 2-port 10GbE SFP+ Module
 - iii. 1 x 10G SFP+ LC SR Transceiver
 - iv. Stacking module and stacking cables
 - v. Minimum Throughput: 128 million pps
 - vi. Minimum Switching Capacity: 172 Gb/s
 - vii. Uplink aggregation support
 - viii. Layer 2 switching
 - ix. 3-year Next Business Day Maintenance and Support

5.2.4.3 Minimum 48 Port Access Switch Specification

- a. **Minimum Switch requirement per location cabinet**
 - i. 2 x 48 Port 1000B-T in a stacking configuration
 - ii. 2 x 10Gbps SFP+ SR UPLINKS to Building Distribution Switch – OM4 Cables
 - iii. Total of 96 ports
- b. **Each 48 Port POE+ Switch with the following configuration:**
 - i. 48 x RJ-45 autosensing 10/100/1000 PoE+
 - ii. 2-port 10GbE SFP+ Module
 - iii. 1 x 10G SFP+ LC SR Transceiver
 - iv. Stacking module and stacking cables
 - v. Minimum Throughput: 164 million pps

- vi. Minimum Switching Capacity: 220 Gb/s
- vii. Uplink aggregation support
- viii. Layer 2 switching
- ix. 3-year Next Business Day Maintenance and Support

5.2.4.4 Minimum Distribution Switch Specification

a. Main Building - Minimum Switch requirement

- i. 2 x 24 Port SFP+ in a stacking configuration
- ii. Total of 48 ports

b. Main Building – Each 24 Port Distribution Switch with the following configuration:

- i. 2-port 10GbE SFP+ Module
- ii. 24 x 10G SFP+ LC SR Transceiver
- iii. Stacking module and stacking cables
- iv. Redundant Power Supply Units
- v. Minimum Throughput: 450 million pps
- vi. Minimum Switching Capacity: 640 Gb/s
- vii. Uplink aggregation support
- viii. Layer 3 switching
- ix. Minimum 3-year warranty, whilst life time warranty is preferred
- x. Metroden Building - Minimum Switch requirement
- xi. 2 x 24 Port SFP+ in a stacking configuration
- xii. Total of 48 ports

c. Metroden Building - 24 Port Distribution Switch with the following configuration:

- i. 2-port 10GbE SFP+ Module
- ii. 16 x 10G SFP+ LC SR Transceiver
- iii. 8 x 10G SFP+ LC LR Transceiver
- iv. Stacking module and stacking cables
- v. Redundant Power Supply Units
- vi. Minimum throughput: 450 million pps
- vii. Minimum Switching Capacity: 640 Gb/s
- viii. Uplink aggregation support Layer 3 switching
- ix. 3-year 24/7 Maintenance and Support

5.2.4.5 Core Switch Specification

a. Main Building - Minimum Switch requirement

- i. 2 x Switch Chassis
- ii. Redundant management Modules
- iii. Redundant Power Supply Units
- iv. Redundant FAN Modules
- v. Minimum throughput: 450 million pps
- vi. Minimum switching Capacity: 768 Gb/s
- vii. Switching latency: <5 µs for 64 byte frames
- viii. 8 x Uplink aggregation support
- ix. Layer 2 & Layer 3 switching and routing capability
- x. 1 x 6-port 40 Gigabit Ethernet QSFP Line Card
- xi. 8 x 40G QSFP+ LC SR Transceiver
- xii. 2 x 8-port 10GbE SFP+ line card with pluggable SFP+ modules
- xiii. 8 x 10G SFP+ LC SR Transceiver
- xiv. 8x 10G SFP+ LC SR Transceiver
- xv. 1x 48-port 10/100/1000Base-T line card with PoE+
- xvi. 3-year 24/7 Maintenance and Support

5.2.5 Wireless Specification

All wireless access points to support Dual radio, 5GHz 802.11ac and 2.4GHz 802.11n. All access points should be integrated to a controller(s) with software support for bring-your-own-device (BYOD) provisioning and on-boarding, IT-issued and personal mobile devices to securely connect to the network. Visitors and external stakeholders must be allowed access to the wireless network by registering using their personal information together with issued password which will be valid for a day and which can be handed over when they arrive at HPCSA offices.

5.2.5.1 Wireless Access Points (Minimum of 50 access points.)

a. Minimum Wireless Access Point Requirement

- i. Dual radio, 5GHz 802.11ac and 2.4GHz 802.11n
- ii. Minimum 5GHz speed: 1.7Gbps
- iii. Minimum 2.4Ghz speed: 800Mbps
- iv. Minimum of 16 BSSIDs
- v. Integrated and/or external antennas with a wide coverage area
- vi. Unit should be POE capable

- vii. Minimum of 1 x 1000Base-T POE interface
- viii. Class – Indoor: All APs will be mounted indoor

b. Minimum Wireless Controller Requirement

- i. Minimum LAN-connected APs support: 64
- ii. Minimum user support: 4096
- iii. Multiple VLAN support
- iv. Minimum firewall throughput: 20Gbps
- v. Minimum 4 x SFP+ 10GbE ports and transceiver modules (SR)
- vi. Minimum of 50000 firewall session support

5.2.6 Next-generation Firewall Specifications

a. Minimum Firewall Requirement.

- i. Rack mounted
- ii. Unlimited users
- iii. Minimum of 12 x 1000Base-T ports
- iv. Minimum of 2 x 10GbE SFP+ and transceiver modules (SR)
- v. Minimum of 300 VPN Tunnels
- vi. Minimum of 300 VPN client licenses
- vii. Site to Site VPN Tunnel support
- viii. Minimum VPN throughput 3Gpbs
- ix. Minimum of 256 VLAN interface support
- x. Encryption/Authentication support: DES, 3DES, AES (128, 192, 256-bit)/MD5, SHA-1
- xi. Key exchange support: Diffie Hellman Groups 1, 2, 5, 14
- xii. Route-based VPN support: RIP, OSPF
- xiii. IP address assignment support: Static,(DHCP PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP Relay
- xiv. NAT support: 1:1, many:1, 1:many, flexible NAT (overlapping IPS), PAT, transparent mode
- xv. Routing support: BGP, OSPF, RIPv1/v2, static routes, policy-based routing, multicast
- xvi. QoS support: Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1p
- xvii. VOIP support: Full H323-v1-5, SIP
- xviii. Minimum Standards: TCP/IP, ICMP, HTTP, HTTPS, IPsec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3

5.2.7 Networking and Firewall Management Software

The networking management software must be deployed and configured for easy of monitoring, fault finding and performance optimization.

5.2.8 Operational support

The service provider will be required to:

- i. Be available for 3rd line support in the event of technical issues.
- ii. Transfer skills to onsite HPCSA Network support team
- iii. Ensure implemented network is maintained at a minimum of 99.6% uptime with quick equipment replacement if still under warranty.
- iv. All supplied equipment must have minimum of 3 year warranty up to life time warranty where possible.

5.2.9 General expectations

The appointed service provider must ensure the following:

- I. Delivery of a positive end-user experience – HPCSA has a fair amount of mobile users and supports Bring Your Own Device (BYOD) trend and mobility. HPCSA provides network access to internal workers and external partners. The Local Area Network (LAN) is expected to deliver consistent and high quality network experience to wired and wireless users for increased productivity and end-user satisfaction.
- II. Integration of WIFI Authentication with Active Directory for internal users
- III. Visitors and external stakeholders are connected to a different SSID that has no access to internal LAN and access should be controlled.
- IV. Maximum accessibility and uptime levels – secured and reliable accessibility to HPCSA resources anywhere and anytime is mandatory. The network should deliver high throughput (1GB and above), enhanced access and advanced support services for HPCSA to gain maximum network performance.
- V. Accommodate business dynamic and changes – scalability is essential in response to business changes and the network must be flexible enough to respond to any business changes.
- VI. Highly secure and reliable wireless access points – these must be built with mobility in mind and designed for simplicity and complex overlay networks. Highly scalable wireless access points are essential to ensure uninterrupted connectivity as users move around the building.
- VII. Secure access is critical in HPCSA networking environment – network switches should be configured to lockdown information, authorize user access and mitigate threats of any form.

VLANS, TrustSec, MACSec, firewall, intrusion prevention are just a few of the essential security capabilities required in network switches. Proposed network switches must carry the HPCSA into the future. Scalable service rich switches which will easily adapt to latest IT trends and business requirements.

5.2.10 Documentation

- i. Logical Network design
- ii. Updated floor plans and schematic diagrams with cable routes clearly outlined
- iii. Physical network design
- iv. Operational manuals, procedures and other relevant documentation regarding the installation, configuration, set-up, operation, etc.
- v. Test plans and test results.
- vi. A certificate of completion / acceptance (sign-off certificate), must be issued when the network infrastructure is fully installed, configured, commissioned and fully operational. The completion certificate will be jointly signed off by the service provider and the HPCSA CIO.

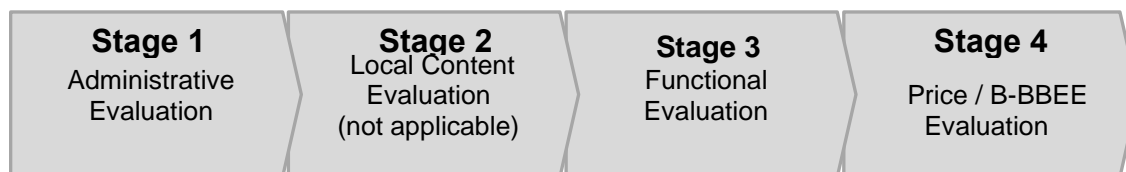
6. Duration of contract

6.1 The Service Provider would be required to enter into a service level agreement for period of three (3) years

7. PART 6 - EVALUATION PROCESS

This tender will be evaluated in accordance with the Preferential Procurement Regulations . The HPCSA will use a staged approach to evaluate the bids. The requirements of any given stage must be complied with prior to progression to the next stage. The HPCSA reserves the right to disqualify bidders without requesting any outstanding document/information.

7.1 The stages are outlined in the diagram below and further detailed in the paragraphs that follow.



Stage 1: Administrative Evaluation

During this stage of the evaluation the bidders will be evaluated on whether or not they comply with the following:

- a. Complied with all the conditions of tender; and
- b. Submitted all mandatory documentation required;

A bidder who fails to comply with all the criteria below will be disqualified at this stage and will not be considered any further

The required mandatory administrative documentation includes the following:

Mandatory Document	Yes/No
CSD Report	
Company Registration Certificates	
A Company Profile (company footprint must be included)	
Certificate of accreditation, minimum of Gold certificate from each vendor of the solution	
Certified copy of a Letter of Good Standing from Department of Labour in respect of Compensation for Occupational Injuries and Disease Act (COIDA).	
Bidder's three (3) years audited financial statement or proof from the Financial Institution/ bank, not older than thirty (30) days, that the company has the financial stability to successfully execute the contract	
Proof that the bidder's tax affairs are in order with SARS (e.g. Valid Tax Clearance Certificate/ Status Pin number document)	
SBD4 – Declaration of Interest see Annexure A	
SBD8 – Declaration of bidders past Supply Chain Management Practices Annexure B	
SBD9 – Declaration of Independent Bid Determination Annexure C	

Stage 2: Local Content

Local Content is **not** applicable for this Tender. Hence, all bidders who qualify for the Administrative Evaluation will be evaluated on Functionality.

Stage 3: Functional Evaluation

Bidders who qualified for the previous stage(s) of the Evaluation will then be evaluated in terms of the functional requirements.

<p>infrastructure projects.</p> <p>a. The Project Manager must be certified in PRINCE2 and PMBoK (PMP)</p> <p>NB: CV with projects list worked on and qualification certificates must be attached; Failure to attach documents will result in a ZERO score.</p> <p>ii. Network engineer At least a minimum of two (2) network engineers with 5 years' experience Must be certified at professional level for each vendor in the solution.</p> <p>NB: CV with experience in managing network infrastructure projects, qualification and certificates must be attached; Failure to attach documents will result in a ZERO score.</p> <p>iii. Cyber Security engineer</p> <p>a. At least a minimum of two (2) Cyber Security engineer with 5 years' experience</p> <p>b. Must be certified at professional level for each vendor in the solution.</p> <p>NB: CV with experience as Cyber Security engineer, qualification and certificates must be attached; Failure to attach documents will result in a ZERO score</p>	<p>5</p> <p>5</p>							
<p>3. Methodology and Approach</p> <p>i. The methodology and approach must have:</p> <p>a. Project and Implementation plan Including architectural diagram according to the specification above.</p> <p>b. Change Management approach and migration plan.</p> <p>c. implement the skills transfer to HPCSA staff; and how the service provider is going to add value to the HPCSA so that it can improve the HPCSA's overall performance.</p>	<p>20</p> <p>10</p> <p>5</p>	<p>35</p>						
<p>4. Vendor Certifications</p> <p>i. Certifications for installations of proposed solution for each vendor</p> <p>a. The certificate must be accredited by the OEM.</p> <table border="1" data-bbox="180 1373 902 1478"> <thead> <tr> <th>Gold certificate</th> <th>Platinum certificate</th> <th>Diamond certificate</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>15</td> <td>20</td> </tr> </tbody> </table>	Gold certificate	Platinum certificate	Diamond certificate	10	15	20	<p>20</p>	<p>20</p>
Gold certificate	Platinum certificate	Diamond certificate						
10	15	20						
<p>TOTAL</p>	<p>100</p>	<p>100</p>						

All bids that qualify for this stage of the evaluation process are considered acceptable bids/tenders and will then be evaluated on Price and B-BBEE.

Stage 4: Price and B-BBEE

Only bidders that passed the Functional Evaluation stage will be evaluated on price and preference (B-BBEE). The 80/20 preference point system will be applicable for this tender. The qualifying bids are evaluated in terms of 80/20 preference points systems, where 80 points must be used for price only and the 20 are used for B-BBEE as per PPPFA.

7.1.2 Preference Scores

7.1.2.1 A bidder will only be awarded points for preference, provided:

- a. The bidder has completed and signed the Preference Points Claim Form (SBD 6.1 Annexure E);
- b. Submitted a valid B-BBEE status level certificate issued by a SANAS accredited B-BBEE agency; or
- c. Submitted an affidavit stating the B-BBEE status level in the case of an EME and QSE.
- d. A trust, consortium or joint venture will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- e. A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such B-BBEE scorecard is prepared for each and every separate bid.
- f. Preference points must be awarded to a tenderer for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system) For procurement, up to R50 million
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{\min} = Price of lowest acceptable tender

8. PART - 8 HPCSA CONTRACT Template (Attached separately)



**SERVICE PROVIDER
DECLARATION FORM**

Health Professions Council of South Africa

This form must be completed and submitted with TENDER:

**Health Professions Council of South Africa
P O Box 205
PRETORIA
0001**

**553 Madiba (previously known as Vermeulen) Street
Arcadia
PRETORIA
0007**

Please complete the form fully and use a black pen. Illegible or incomplete forms will be rejected.

Direct enquiries to Procurement Officer

Email: Tenders@hpcsa.co.za

**PLEASE KEEP COPIES OF REGISTRATION FORM AND ALL DOCUMENTATION
SUBMITTED FOR YOUR RECORDS AS NO COPIES WILL BE MADE BY THE COUNCIL**

Where applicable under mentioned documents must be attached with tenders

Are you actively involved in the management and daily business operations of the business?
(please provide a written breakdown e.g. company profile).

First name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Surname

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Identification number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Capacity

D	P	M	R	O
---	---	---	---	---

M F (sex)

--	--

HDI status

H	W	D

First name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Surname

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Identification number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Capacity

D	P	M	R	O
---	---	---	---	---

M F (sex)

--	--

HDI status

H	W	D

PREVIOUS CONTRACT OR TENDERING EXPERIENCE (Mark with X)

Do you have any previous contract work or tendering experience?

Yes	No

If yes, please complete the table below. List the last two contracts awarded to you or previous experience with other businesses related to this of work or supply

Employer/ Department

Contact person

Contact number

Estimated contract value in rands

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Year awarded

--	--	--	--

Proof documents attached

Yes	NO

Did _____ your _____ business _____ exist _____ under _____ a _____ previous name? _____

If yes, what name did it trade under?

Previous business registration number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Certification of correctness of information supplied in this document

1. The information supplied is correct.
2. All copies of relevant information are attached.

Personal information in block letters

Name

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Surname

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Telephone

Capacity

On behalf of the (Service Provider's Name)

Signed and sworn to before me at _____ on this the _____ day of 2023 by the Deponent, who has acknowledged that he / she knows and that understands the contents of this Affidavit, that it is true and correct to the best of his /her knowledge and that he /she has no objection to taking the prescribed oath, and that the prescribed oath will be binding on his/her conscience.

Signature: Applicant on behalf of Service Provider

Signature: Commissioner of Oath

Commissioner of Oath Official Stamp

Authorization for electronic transfer of funds (EFT)

Please complete in block letters

Company name/Surname

SERVICE PROVIDER QUESTIONNAIRE

In assessing the company's tender, the HPCSA tender committee will consider the information provided as outlined in all the sections of this tender document.

ANNEXURE B. SERVICES		
1.	Where are your offices located?	
2.	Number of years in business?	
3.	Are you involved in any community development programmes – if yes, please give details	
4.	Are you prepared to negotiate on price?	
5.	Do you accept payment <i>via</i> EFT?	
6.	Acceptance of the practise that the HPCSA will pay within an agreed time frame (30 Days term) as per the agreed price with the successful bidder upon receipt of a valid tax invoice	

QUESTIONNAIRE COMPLETED BY:

NAME:

SIGNATURE:

DATE:

ANNEXURE A SBD 4 (Attached separately)



ANNEXURE B SBD 8 (Attached separately)

ANNEXURE C SBD 9 (Attached separately)

ANNEXURE D SBD 6.1 (Attached separately)