



South African Nursing Council  
Regulating nursing, advocating for the public

Enquiries: SCM Official  
[tenders@sanc.co.za](mailto:tenders@sanc.co.za)

Bidder's Information: The Manager/Director

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.....  
.....

*Dear Sir/Madam*


**INVITATION TO BID: SCM 28/2022/SANC: APPOINTMENT OF A SERVICE PROVIDER FOR THE PROVISION AND CONSTRUCTION OF A SERVER ROOM FACILITY AT THE SOUTH AFRICAN NURSING COUNCIL (SANC) WITHIN A TWELVE-MONTH PERIOD AND PROVIDE MAINTENANCE AND SUPPORT SERVICES FOR A FIVE-YEAR PERIOD THEREAFTER**

The South African Nursing Council invites bidders to participate and submit bids/proposals for the appointment of a service provider for the provision and construction of a server room facility at the South African Nursing Council (SANC) within a twelve-month period and provide maintenance and support services for a five-year period thereafter.

You are requested to complete the tender documents and submit them in accordance with the stipulations mentioned hereunder.

1. The conditions contained in the attached annexures apply.
2. The bid must be deposited in the **tender box** using the following two (2) methods of submission on or before the closing date and time **(10 November 2022 at 12H00)**.
  - 2.1 **Envelope 01:** This envelope is for technical/administrative documents only- one (01) original document. **Envelope 02:** This envelope is for pricing only, i.e., pricing schedule and/or the formal quote by the bidder - one (01) original.
  - 2.2 **Soft Copy-** The bidder must submit a soft copy of the bid document using either **OneDrive, Dropbox, or Google Drive** to the email address: [tenders@sanc.co.za](mailto:tenders@sanc.co.za). Alternatively, the bidder can submit in a USB flash drive.
3. **Bid documents deposited in the tender box on the closing date and time will take precedence over emailed submissions.**
4. The attached forms/annexures, if completed in detail and returned, will form part of your price quotation.

 Cecilia Makiwane Building,  
602 Pretorius Street, Arcadia, Pretoria 0083  
Private Bag X132, Pretoria 0001,  
Republic of South Africa

 Tel: 012 420 1000  
Fax: 012 343 5400  
SANC Fraud Hotline: 0800 20 12 16

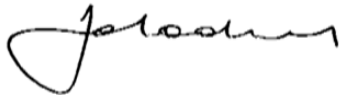
 website: [www.sanc.co.za](http://www.sanc.co.za)

5. With reference to the Preference Point Claim form (SBD 6.1), the following documents must be submitted with your price quotation:
  - a) Proof of claims (B-BBEE Certificate issued by the accredited Verification Agency or Sworn Affidavit signed by the vendor and affirmed by the Commissioner of Oath)
  - b) Proof that the supplier is registered and complying with National Treasury - Central Supplier Database (CSD) requirements (CSD report).
6. Please take note that, this bid will be evaluated in terms of 80/20 Preference Point System
7. All communication should be made using an email. The cut-off date for all enquiries will be at **12H00 on 07 November 2022.**

Yours faithfully

**Chief Financial Officer**

**Mr Thamsanqa Ndadana**



**Signature:** .....

**2022-10-06**

**Date:** .....

**INVITATION TO BID**

<b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE SOUTH AFRICAN NURSING COUNCIL.</b>					
Bid number:	<b>SCM 28/2022/SANC</b>	Closing date:	<b>10 NOVEMBER 2022</b>	Closing time:	<b>12H00</b>
Description:	<b>APPOINTMENT OF A SERVICE PROVIDER FOR THE PROVISION AND CONSTRUCTION OF A SERVER ROOM FACILITY AT THE SOUTH AFRICAN NURSING COUNCIL (SANC) WITHIN A TWELVE-MONTH PERIOD AND PROVIDE MAINTENANCE AND SUPPORT SERVICES FOR A FIVE-YEAR PERIOD THEREAFTER</b>				
<b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO SIGN THE SERVICE LEVEL AGREEMENT / CONTRACT</b>					

<b>BID DOCUMENT MUST BE DEPOSITED IN THE TENDER BOX SITUATED AT:</b>
<b>THE SOUTH AFRICAN NURSING COUNCIL, 602 PRETORIUS STREET, ARCADIA, PRETORIA, 0083.</b>

<b>SUPPLIER INFORMATION</b>			
Name of bidder:			
Postal address:			
Telephone number:			
Cell phone number:			
E-mail address:			
VAT registration number:			
Tax clearance status PIN:		CSD NUMBER:	
B-BBEE status level verification certificate [tick applicable box]	<input type="checkbox"/> Yes <input type="checkbox"/> No	B-BBEE status level Sworn Affidavit [tick applicable box]	<input type="checkbox"/> Yes <input type="checkbox"/> No

**[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT (FOR EMEs& QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]**

<b>The Accredited Representative</b> In South Africa for the goods /services /works offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No [if yes enclose proof]	<b>Are you a foreign based supplier for the goods /services /works offered?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No [if yes answer part 3 below]
Signature of Bidder:		Date:	
Capacity under which this bid is signed (attach proof of authority to sign this bid, e.g. resolution of directors, etc.)			
<b>Total bid price (all inclusive)</b>	<b>R</b>		

THE SOUTH AFRICAN NURSING COUNCIL:			
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
Contact person(s):	Tintswalo Nyathi/ Prince Makhubedu	Contact person	Maredi Makgolane
Telephone number(s):	012 426 9575/9570	Telephone number	012 420 1033
E-mail address	<a href="mailto:tenders@sanc.co.za">tenders@sanc.co.za</a>	E-mail address	<a href="mailto:mmakgolane@sanc.co.za">mmakgolane@sanc.co.za</a>

### TERMS AND CONDITIONS FOR BIDDING

<b>1. BID SUBMISSION:</b>	
1.1. Bids must be delivered by the stipulated time to the correct address. Late bids will not be accepted for consideration.	
1.2. All bids must be submitted on the official forms provided– (not to be re-typed) or online	
1.3. This bid is subject to the Preferential Procurement Policy Framework Act 2000 and the Preferential Procurement Regulations, 2017, and, if applicable, any other legislation or Special Requirement of the Contract.	
<b>2. TAX COMPLIANCE REQUIREMENTS</b>	
2.1 Bidders must ensure compliance with their tax obligations.	
2.2 Application for Tax Compliance Status (TCS) PIN may be made via e-filing through the SARS website <a href="http://www.sars.gov.za">www.sars.gov.za</a> .	
2.3 In bids where Consortia / Joint ventures / Sub-contractors are involved; each party must submit a separate TCS certificate / PIN / CSD number.	
2.4 Where no TCS PIN is available, but the bidder is registered on the Central Supplier Database (CSD), a CSD number must be provided.	
2.5 No bids will be considered from persons in the service of the state, companies with directors who are persons in the service of the state, or close corporations with members persons in the service of the state.”	
<b>3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS:</b>	
3.1. Is the bidder a resident of the Republic of South Africa (RSA)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.2. Does the bidder have a branch in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.3. Does the bidder have a permanent establishment in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.4. Does the bidder have any source of income in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>If the answer is “no” to all of the above, then, it is not a requirement to obtain A Tax Compliance Status/Tax Compliance System PIN code from the South African Revenue Service (SARS) and if not register as per 2.3 above.</b>	

## SPECIAL REQUIREMENTS OF REQUEST FOR BIDS

### 1. CONTRACT PERIOD

- 1.1 The contract period stipulated in the terms of reference/ specification is considered a valid contract period.
- 1.2 SANC reserves the right to extend or cancel the contract, pending available funding and satisfaction with service delivery.

### 2. ACCEPTABLE BIDS/OFFERS

- 2.1 The SANC may request interviews/presentations/pitching sessions with shortlisted Suppliers/ service providers before the final selection is made.
- 2.2 The SANC will not be liable for any cost incurred by a supplier /service provider in the process of responding to this bid, including on-site presentations and the preparation of the proposal.
- 2.3 The SANC will not consider any late quotations. All bids submitted after the stipulated closing date and time will not be disqualified.
- 2.4 Any effort by the supplier/ service provider to influence bid evaluation members, bid comparisons or bid award decisions in any manner, will result in rejection of the bid concerned.
- 2.5 The successful supplier/ service provider will be informed in writing with an appointment letter or per an official order.
- 2.6 **The bids have a validity period of 180 days from date of closure.**
- 2.7 Where it is discovered that an advantaged company used a disadvantaged person, as a “front” to acquire a bid, such company will be disqualified, and the bid shall be withdrawn.
- 2.8 Only bids complying with all requirements as stipulated in the Terms of Reference/Scope of Work or Specification will be regarded as acceptable.
- 2.9 Bids will be evaluated based on mandatory requirements, functionality (if applicable), Price and B-BBEE and other conditions stipulated in the terms of reference/ specification.
- 2.10 The supplier/ service provider must submit all requirements indicated in the bid documents at the closing date and time of the request for the bids. Supplier/ service provider who fail to comply with any of the mandatory and other requirements will be disqualified.

### 3. SUBMISSION OF BIDS/ RETURNABLE DOCUMENTS

- 3.1 The supplier/ service provider will be required to submit their bids /proposals in a tender box situated at the Reception of the Cecilia Makiwane Building.
  - 3.1.1 Tenderers are required to submit a completed request for quotation pack (this documents), including:
    - a) Duly completed and signed bid documents.
    - b) Certified copy of B-BBEE Certificate or Sworn Affidavit.

- c) Adherence to requirements relating to all returnable documents will prove compliance with specific requirements as stipulated in the terms of reference at the closing date and time.
- 3.2 Any supplier/ service provider who fails to comply with any requirement of the bid, at the discretion of the evaluation team, will be regarded as non-compliant and as a result be rejected.

#### **4. PAYMENTS**

- 4.1 SANC undertakes to pay delivery validated invoices in full within thirty (30) days from the invoice date or upon agreed payment intervals as accepted in the contract. All invoices should be sent to the following email address: [sancinvoices@sanc.co.za](mailto:sancinvoices@sanc.co.za).
- 4.2 No invoices for outstanding deliverables or for any unproductive or duplicated time spent by the service provider will be validated for payment.
- 4.3 Invoices should be emailed, or hand delivered to SANC timeously.
- 4.4 The invoices should be original and must be accompanied by an inspection certificate and/or proof of delivery.

#### **5. SUPPLY / DELIVERY VALIDATION**

- 5.1 The certificate and the related report of delivery/installation/ progress milestone/commissioning will be validated by a SANC representative prior to payment of final invoices.

#### **6. TAX COMPLIANCE REQUIREMENTS**

- 6.1. It is a condition of this bid that the tax matters of the successful supplier/ service provider are in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the tax obligations.
- 6.2. The Tax Compliance status requirements are also applicable to potential foreign suppliers, service providers or individuals who wish to submit the bid.
- 6.3. It is a requirement that a supplier/ service provider grant a written confirmation when submitting this bid response that SARS may on an on-going basis during the tenure of the contract disclose the tax compliance status and by submitting this bid such confirmation is deemed to have been granted.
- 6.4. The Suppliers/ service providers are required to be registered on the Central Supplier Database (CSD) and the SANC shall verify the tax compliance status through the CSD or through SARS.
- 6.5. Where Consortia / Joint Ventures / Sub-Contractors are involved, each party must be registered on the Central Supplier Database and their tax compliance status will be verified through the CSD or through SARS.
- 6.6. The supplier/ service provider who are not tax compliant will be notified of their non-compliant status and be given seven (7) calendar days to rectify their tax compliance status with SARS, failure your bid will be disqualified.
- 6.7. The SANC will not award a bid to any supplier/ service provider whose tax matters are not in order.

## **7. VALUE ADDED TAX**

- 7.1. All contract prices are inclusive of 15% Value Added Tax (VAT), except in the case of a person that is not required to register for Value Added Tax. Companies not registered in terms of Value Added Tax, may not claim VAT on invoices.

## **8. NEGOTIATIONS**

- 8.1. The SANC to negotiate with one or more preferred supplier(s)/ service provider(s) identified in the evaluation process, regarding any terms and conditions, including price without offering the same opportunity to any other supplier(s)/ service provider(s) who have not been awarded the status of the preferred supplier(s)/ service provider(s).

## **9. PRICE QUALIFICATION**

- 9.1. Prices for this contract are firm.
- 9.2. All prices shall be quoted in South African rands (ZAR).
- 9.3. The bid prices shall be given in the units shown and will be awarded as a whole, not per item.
- 9.4. **Prices must be inclusive of delivery cost and all taxes.**
- 9.5. Please note that the foreign exchange risk in case of imported goods and service is for the account of the supplier/ service provider.
- 9.6. Non-firm prices (including prices subject to the rate of exchange variation) will not be considered.
- 9.7. No changes or extensions or additional ad-hoc costs are accepted once the contract has been awarded and/or signed.
- 9.8. Detailed information is optional and is provided as Annexures to the details of the bid.

## **10. COMMUNICATION**

- 10.1. Communication will only be restricted to Supply Chain Management Officials.
- 10.2. The South African Nursing Council may request clarification in writing regarding the information provided by bidders. Supplier(s)/ service provider(s) are to supply the required information within the specified period. Failing to do so will **invalidate** your bid.

## **11. INTELLECTUAL PROPERTY**

- 11.1. All the information contained in this document is intended solely for the purpose of assisting supplier(s)/ service provider(s) to prepare their bid. Any use of the information contained herein for another purpose than those stated in this document is prohibited.
- 11.2. The ownership and intellectual property rights of all designs, specifications, programming code and all other documentation provided by the SANC to the supplier(s)/ service provider(s), both successful and unsuccessful, remain the property of the SANC.

## **12. SUPPLIER DUE DILIGENCE**

- 12.1. SANC may conduct due diligence to all shortlisted supplier(s)/ service provider(s) to identify their specific capabilities and financial stability.
- 12.2. The SANC may visit the premises of the supplier(s)/ service provider(s) or that of their suppliers.
- 12.3. Some of the key elements that should be documented and included during the comprehensive supplier analysis/due diligence include: the current workload of the supplier, cost structure of the BID, the financial status of the supplier(s)/ service provider(s) the previous customer satisfaction levels, the support capabilities, their relative strength, weaknesses and core capabilities, how SANC fits into the supplier(s)/ service provider(s) business and how the supplier(s)/ service provider(s) is viewed by the public, etc.
- 12.4. Supplier(s)/ service provider(s) may be required to provide names of traceable references who may also be visited to confirm their testimonials.

## **13. DISPUTES**

- 13.1. The relevant bidder agrees that should any dispute arise from the contract, the matter shall be submitted to the relevant authority for a ruling and such ruling shall be final.

## **14. BROAD-BASED BLACK ECONOMIC EMPOWERMENT (B-BBEE)**

- 14.1. A supplier/ service provider will **only** be awarded points for preference provided:
  - 14.1.1. The supplier/ service provider has completed and signed the Preference Points Claim Form;
  - 14.1.2. The supplier/ service provider submitted a valid B-BBEE status level certificate issued by a SANAS accredited B-BBEE agency; or
  - 14.1.3. Submitted an affidavit stating the B-BBEE status level in the case of an EME and QSE.

## **15. JOINT VENTURE/ TRUST/ CONSORTIUM**

- 15.1. A trust, consortium or joint venture must submit an agreement to be recognized as an entity.
- 15.2. 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.



**TEMS OF REFERENCE FOR THE APPOINTMENT OF A SERVICE PROVIDER FOR THE PROVISION AND CONSTRUCTION OF A SERVER ROOM FACILITY AT THE SANC WITHIN TWELVE MONTH PERIOD AND PROVIDE MAINTENANCE AND SUPPORT SERVICER FOR A FIVE-YEAR PERIOD THEREAFTER**

**1. PURPOSE**

- 1.1. The purpose of this tender is to appoint a service provider for the establishment of a new server room capability, in accordance with the requirements of this Bid, on the ground floor and to provide the required maintenance and support for a five-year period.

**2. BACKGROUND**

- 2.1. The South African Nursing Council (SANC) is the body entrusted to set and maintain standards of nursing education and practice in the Republic of South Africa. It is an autonomous, financially independent, statutory body, initially established by the Nursing Act, 1944 (Act No. 45 of 1944), and currently operating under the Nursing Act, 2005 (Act No. 33 of 2005).
- 2.2. The SANC, in ensuring its operational effectiveness and efficiency of related technology support services requires that appropriate facilities be established to enable compliance with strategic and operational objectives.

**3. SCOPE OF WORK AND DELIVERABLE(S)**

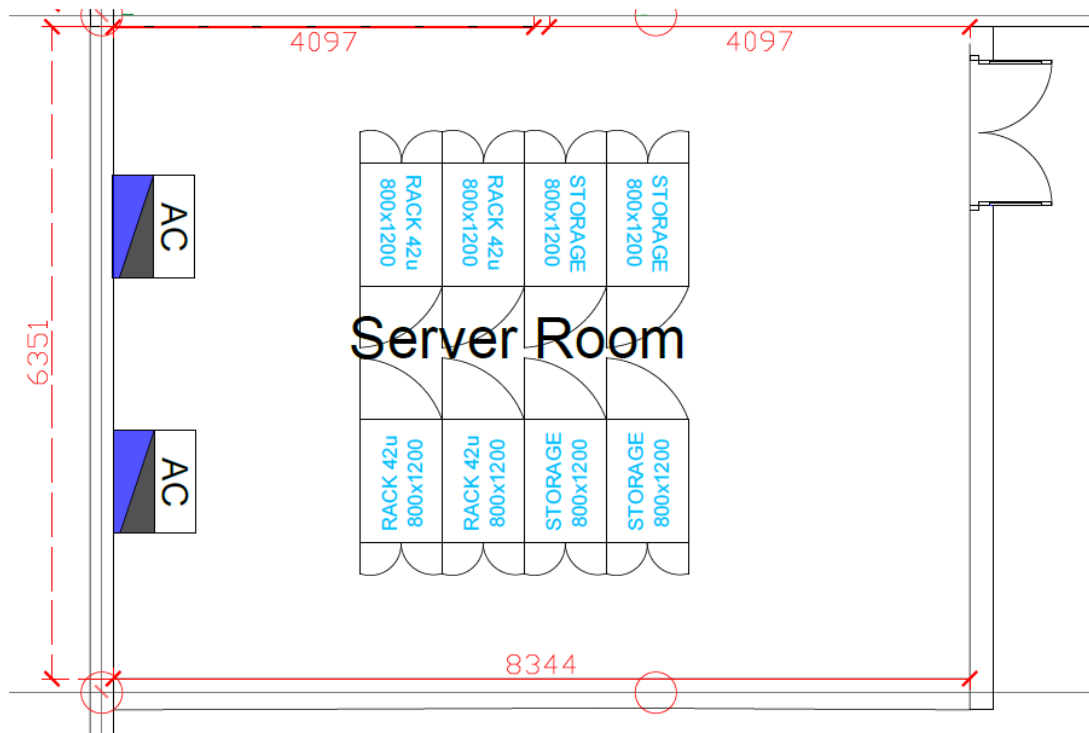
- 3.1. The scope is divided into various sections as detailed below. The following definition and abbreviations will be used and the meaning shall be as defined below:
  - 3.1.1. According to the manufacturer's instructions: The manufacturer's instructions at the time of tender.
  - 3.1.2. ACS: Access control system
  - 3.1.3. AFDS: Automatic fire detection system
  - 3.1.4. Approval: Approval by the Engineer in writing and is limited to visual appearance of the work, material, or components. Approval does not relieve the Contractor from compliance with the specification.
  - 3.1.5. ASIC: Application Specific Integrated Circuit
  - 3.1.6. Brand Name – Any brand name shall be treated as specification and therefore similar or equivalent to must be automatically added.
  - 3.1.7. BS: British Standard
  - 3.1.8. Bus: Busbars
  - 3.1.9. Contractor: The contractor appointed in terms of this document.
  - 3.1.10. CSD: Central Supplier Database
  - 3.1.11. Engineer: The Electronic or Electrical Engineer(s) assigned to this project or his duly authorised representative/agent.
  - 3.1.12. Drawings: Drawings forming part of the contract documents and any modification thereof or additions thereto delivered by the Engineer to the contractor during the execution of the works
  - 3.1.13. ICASA: Independent Communications Authority of South Africa
  - 3.1.14. IEC: International Electrotechnical Commission.
  - 3.1.15. IEE: Institute of Electrical Engineers.
  - 3.1.16. ISO: International Standards Organization
  - 3.1.17. KVA – Kilo Volt Amps (Power rating for electrical equipment)
  - 3.1.18. LAN - local area network
  - 3.1.19. LCD: liquid crystal display
  - 3.1.20. LED: Light emitting diode
  - 3.1.21. LV: Low Voltage

- 3.1.22. MV: Medium Voltage
- 3.1.23. ODB: Opposed Blade Damper
- 3.1.24. PA: Public address
- 3.1.25. PDUs – Power Distribution Units
- 3.1.26. Principal Contractor: Any reference to “Main Contractor”, “Building Contractor” or “Builder” will mean the Principal Contractor.
- 3.1.27. Project Specification: A specification that is drawn up as a supplement to the Standard Specification (this document) to specify items for a particular contract not covered by the Standard Specification. The Project Specification has preference over the Standard Specification.
- 3.1.28. P.S.E.: power supply equipment
- 3.1.29. PVC: polyvinyl chloride
- 3.1.30. SABS: South African Bureau of Standards
- 3.1.31. SMD Surface Mounted Device
- 3.1.32. SNMP - Simple Network Management Protocol
- 3.1.33. Specified: As specified in the Standard Specification, Project Specification, drawings, Bill of Quantities or in any other contract document.
- 3.1.34. Sync – Synchronise
- 3.1.35. UDL – Uniform Distributed Load
- 3.1.36. UPS – Electrical Uninterrupted Power Supply

## 3.2. BUILDING WORKS

### 3.2.1. Server Room Build

- 3.2.1.1. The new server room will be constructed on the ground floor at the corner of the building. There are 2 existing brick walls at the corner which will then only require 2 x new 2hr fire rated dry wall to be installed to form the server room enclosure.
- 3.2.1.2. The area around the new server room will need to be closed off with temporary board or sheeting before any works may begin.
- 3.2.1.3. There are existing glass panels in the brick walls that will need to be closed off with 2hr fire rated material as well. A double 2hr fire rated double door will need to be installed as the entrance for the server room.
- 3.2.1.4. Existing brick walls to be patched where required and painted. All new walls and doors to be plastered and painted.
- 3.2.1.5. Existing ceilings will need to be removed and new 600mm x 600mm suspended ceilings to be installed.
- 3.2.1.6. Deep impact cleaning will need to be done after construction before any testing may commence. Another deep clean to be done before final hand-over. The deep clean will need to be performed by specialised data centre cleaning teams with specialised filtered equipment.
- 3.2.1.7. It is the bidder’s responsibility to confirm all measurements on site and to confirm if there are any other additional works required to complete the construction of the server room.



**Figure 1. Server Room Layout**

### 3.2.2. UPS Rooms Build

3.2.2.1. These rooms will be built on the exterior of the building where existing parking spaces are in place.

The following would need to take place in this area prior to closing-up of the area:

3.2.2.1.1. Uplift the existing paving in that area.

Once paving is removed the area will need to prepare for the 2 x new UPS rooms as per the drawings.

3.2.2.1.2. A Double brick wall will need to build to close off the area to provide for 2 separate UPS Rooms. This area would need to have:

3.2.2.1.2.1. Exterior waterproofing 200mm high from ground level.

3.2.2.1.2.2. Plaster existing brick to provide for paint.

3.2.2.1.2.3. Supply a 1.5 leaf exterior door fire rated at 2 hours, including push/pull lever handles, etc.

3.2.2.1.2.4. A canopy needs to be provided over the entrance door on the exterior.

3.2.2.1.2.5. There are openings in the existing wall that will need to brick up as well. The wall between the UPS rooms will need to be double brick as well. Painting needs to be on all interior and exterior walls, slab above and slab below.

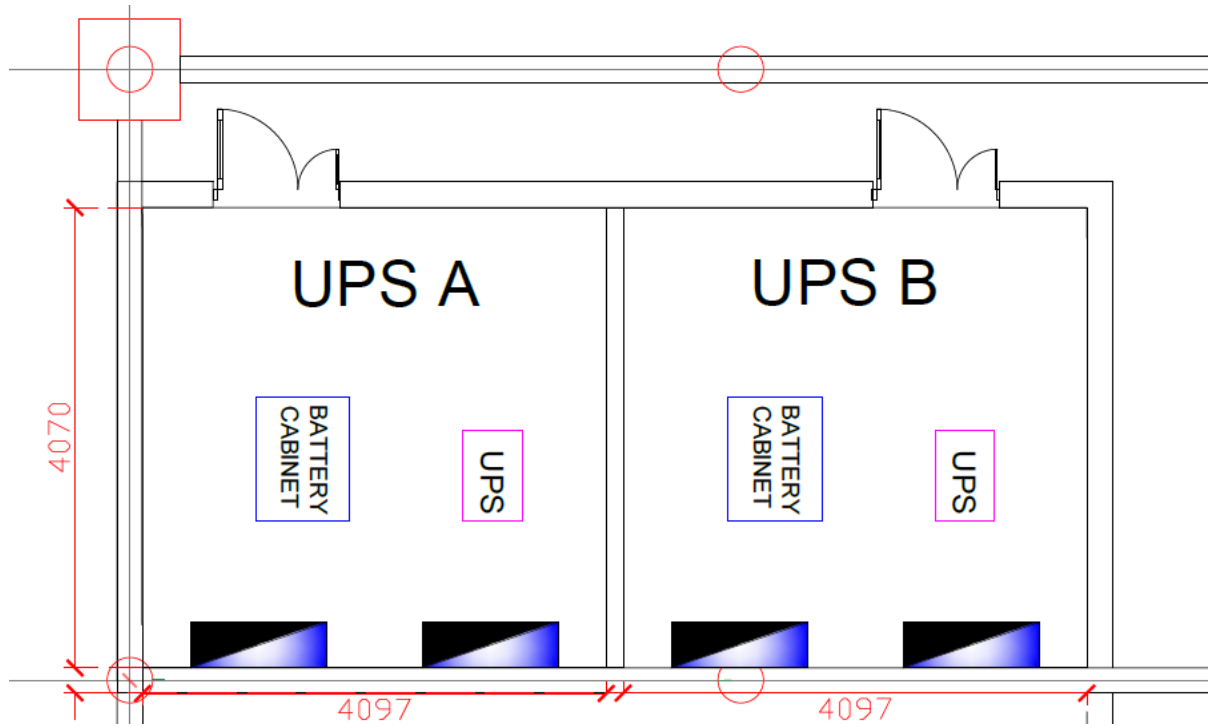


Figure 2. UPS Room Section



Figure 3. Access Floor typical

- 3.2.2.2. Deep impact cleaning will need to be done after construction before any testing may commence. Another deep clean to be done before final hand-over. The deep clean will need to be performed by specialised data centre cleaning teams with specialised filtered equipment.
- 3.2.2.3. It is the bidder's responsibility to confirm all measurements on site and to confirm if there are any other additional works required to complete the construction of the UPS rooms.

### 3.2.3. **Low Voltage (LV) Room and Generator Area Build**

- 3.2.3.1. There is an existing storeroom in the basement which will be used to house the splitter panel, generator sync changeover panel and the building UPS. The following will need to be done in this room:
- 3.2.3.1.1.1. Prepare existing slab.
- 3.2.3.1.1.2. Remove existing door and supply and install a new double fire 2 hour rated door and frame.
- 3.2.3.1.1.3. The new 2-hour fire rated door will need to be raised from the ground level.
- 3.2.3.1.1.4. Waterproof around the exterior of the room.
- 3.2.3.1.1.5. Plaster where required and paint all interior and exterior walls and the new door.
- 3.2.3.1.1.6. Sprinkler pipe will need to be removed from the room, the sprinkler pipe to be removed without affecting the system.
- 3.2.3.1.1.7. Any existing openings to be closed off.
- 3.2.3.1.1.8. Deep impact cleaning of the room.
- 3.2.3.2. The proposed area for the 400kVA will be highlighted during the briefing session. Provided an approval will be obtained from the structural engineer for this location a concrete slab will need to be constructed for the generator. A palisade fence to match existing will also need to be installed around the new generator.
- 3.2.3.3. It is the bidder's responsibility to confirm all measurements on site and to confirm if there are any other additional works required to complete the works required for the LV room and the proposed location of the generator.

### 3.2.4. **Server Room Fitment**

- 3.2.4.1. Access Flooring
- 3.2.4.1.1. 600mm raised access floor is required for the server room and 200mm raised access floor will be required for the UPS rooms. The floor would need to handle a load capacity of 1200Kg / m<sup>2</sup> UDL. The slab below the floor would need to be sealed and marked where necessary. The perimeter of the floor will need to be cut for room alignment and will need to be done neatly. The entire perimeter requires a rubber seal to eliminate loss of HVAC airflow.
- 3.2.4.1.2. For the UPS rooms floor stands will need to be installed for the UPS's and battery cabinets as these will not stand on the access floor.
- 3.2.4.1.3. The following forms part of raised flooring components:
- 3.2.4.1.4. Cut-outs below each server cabinet.
- 3.2.4.1.4.1. Entrance to room to have double door well and step.
- 3.2.4.1.4.2. Each cut-out to be sealed with a brush panel for cable entries below floor:
- 3.2.4.1.5. Double cup lifter x 4.
- 3.2.4.1.6. Aluminium skirting around perimeter, shall be 50mm in height and 5mm thick.

### 3.2.5. Fire Detection and Suppression

- 3.2.5.1. The role of fire rated building materials as a fire protection must not be overlooked or diminished as this can minimize the loss of life and critical equipment. An environment can be completely over-run by fire within minutes causing considerable damage. Fire rated materials are designed to withstand prolonged exposure to fire and stop the fire spread from one part of the building to the server and UPS room and vice versa.
- 3.2.5.2. The fire suppression and detection system must protect and cater for all voids in all the rooms and be installed with required number of cylinders and gas to cater for the cubic meters of volume of the room. These gases should achieve its extinguishing effect by either reducing/lowering the oxygen content present in the atmosphere of a room below the levels that supports combustion (to below 15% volume, which is the level required to sustain combustion) or by removing/reducing the heat.
- 3.2.5.3. The integrity of the constructed facility space should be a minimum 2hour fire rated from the slab above to the slab below to ensure the environment is pressurised and secure. All walls must be a minimum 2-hour fire rated. Any glass viewing panels which is closed off shall also be 2-hour fire rated. Any windows must also be closed off with a 2-hour fire rated material.
- 3.2.5.4. All doors must also be 2hour fire rated.
- 3.2.5.5. Fire safety must have a balanced design approach to help prevent the spread of a fire made up of the following minimum elements:
  - 3.2.5.5.1. A detection system must have an automatic warning system with visual, audible alarms and electronic automatic alerting, the price to include relays to control aircon and fans.
  - 3.2.5.5.2. An automatic fire suppression system to extinguish fire before any damage is caused to equipment and the room structure itself.
  - 3.2.5.5.3. A containment system which includes the fire rated materials that make up the walls, floors, ceilings and including the concrete slabs above and below,
  - 3.2.5.5.4. Compartmentalization which is the complete division of the rooms with no common floor or ceiling voids. This method of construction divides the structure into smaller areas in high-hazard zones to control a fire until it can be extinguished. It must prevent the fire from spreading outside of the structure and, with the right material, will add no additional toxic fumes to the smoke.
- 3.2.5.6. This balanced approach to fire prevention and safety provides a redundancy so that all elements work together to protect the rooms and equipment from fire damage. The combination of detection, suppression, compartmentalization, and containment, along with education and fire drills potentially lowers the overall fire damage.
- 3.2.5.7. The following rooms will require a fire suppression and detection system:
  - 3.2.5.7.1. Server Room
  - 3.2.5.7.2. UPS Room A
  - 3.2.5.7.3. UPS Room B
  - 3.2.5.7.4. LV Room

**See fire suppressions specifications forming part of this document**

3.2.5.8. All fire detection cables will be of the PH30, 2 cores by 1mm, stranded fire-resistant cable, to be installed in steel conduit and steel trunking.

**3.2.6. Gas Protection: NOVEC 1230**

3.2.6.1. Each room will have its own Gas Control and external Status Panel. This panel enables the gas system to be manually controlled to prevent automatic activation of the gas system when the rooms are occupied. Automatic discharge of the gas system is accomplished by means of the smoke detectors configured. That is, at least two smoke detectors must activate inside the protected area before the discharge cycle commences. On the first detection device goes into the alarm mode; only audible and visual alarms devices will activate as well as SMS messaging.

3.2.6.2. On the second detection, a sounder/ beacon will operate, followed by a thirty second warning and SMS messaging before the gas will discharge and notification must be sent to the nominated safety services organisations after the event.

**3.2.7. Pipe Work**

3.2.7.1. Seamless heavy weight pipe will be employed, suitable for the pressure of the gas. Novec gas is stored at a relatively low pressure, being 25 Bar. Over-pressure Ventilation of rooms is however recommended with this option. The discharge time is calculated for a time period of ten seconds. To obtain this ten second period, it is necessary to keep pipe lengths and bends to a minimum.

3.2.7.2. It is the bidder's responsibility to confirm all measurements on site and to confirm if there are any other additional works required.

**See the detailed Fire suppression system forming part of this tender.**

**3.2.8. Early Warning Fire Detection Systems**

3.2.8.1. The Early Warning Fire Detection System shall be similar or equivalent to Vesda system.

3.2.8.2. The system shall be designed to provide very early warning fire detection/protection in the solution.

3.2.8.3. The proposal must include at least **one (1) Laser focus** unit in the solution.

3.2.8.4. The detector works by continually drawing air into sample holes in a pipe network.

3.2.8.5. The air is filtered and passed into a detection chamber where light scattering technology detects the presence of very small amounts of smoke.

3.2.8.6. Detector status information is communicated on the detector display and via relays or optional interface cards.

3.2.8.7. The SMS messaging must be sent on activation of smoke detected.

3.2.8.8. Features:

- 3.2.8.8.1. Out-of-the-Box Installation and Commissioning
- 3.2.8.8.2. Ultrasonic Airflow Sensing
- 3.2.8.8.3. Laser-Based Absolute Smoke Detection
- 3.2.8.8.4. Pre-engineered pipe network designs
- 3.2.8.8.5. Programmable Alarm Thresholds
- 3.2.8.8.6. Dual Stage Air Filtration
- 3.2.8.8.7. Instant Recognition Display
- 3.2.8.8.8. Instant Fault Finder™
- 3.2.8.8.9. Auto Learn™ Smoke
- 3.2.8.8.10. Auto Learn™ Flow
- 3.2.8.8.11. Field Service Access Door
- 3.2.8.8.12. Multiple Event Logging in separate logs
- 3.2.8.8.13. Event log – up to 18000 events
- 3.2.8.8.14. Remote user Access with server integration
- 3.2.8.8.15. Offline/online configuration capability
- 3.2.8.8.16. Up to 250 m2 coverage per unit



Figure 4. Vesda VLF-250 or similar approved Fire detection system



### 3.2.9. Computer Cabinets / Racks

- 3.2.9.1. A high-quality Rittal, Vertiv Delta 19-inch or similar approved computer cabinet solution will need to be provided inside the Server Room. The solution shall include:
- 3.2.9.2. 6 x 42U, 800mm x 1200mm front and rear vented racks, split rear doors, side panels, brush cable entries top and bottom
- 3.2.9.3. The Server enclosures must be positioned in 2 rows, as per layout. This reliable, efficient, and flexible racking solution comprises:
  - 3.2.9.3.1. Variable installation post-solution, including front and rear mounting rails
  - 3.2.9.3.2. IEC 19-inch compliant (482.6mm) mounting level
  - 3.2.9.3.3. Quick release side panel system
  - 3.2.9.3.4. Vertical Cable Management 150-200mm wide
  - 3.2.9.3.5. Levelling Feet
  - 3.2.9.3.6. Gland Plates Complete with glands
  - 3.2.9.3.7. Horizontal ring cable manager
  - 3.2.9.3.8. Blanking panels 1U
  - 3.2.9.3.9. Must include power and cooling fan redundancy in rack There are 2 existing storage racks that will be placed in the new server room as well, the rates provided to include this item.
  - 3.2.9.3.10. The scope of work includes all activities associated with the relocation and deployment of the existing servers and other related equipment.

### 3.2.10. Power Distribution Units (PDUs)

- 3.2.10.1. Rittal, Vertiv, Raritan, Delta Metered vertical rack PDUs or similar approved PDUs must be supplied, fitted for the AC power distribution in the server racks. In line with the technical requirements, dual A & B 32A PDUs are to be installed in all cabinets.
- 3.2.10.2. The PDU units include:
  - 3.2.10.2.1. 12 x Rack PDU 32A 1phase vertical 0U PDU, metered with 20 x C13 and 4 x C19 ports including cable and IEC connectors.
  - 3.2.10.2.2. Metering module with Network connector.

### 3.2.11. Access Control

- 3.2.11.1. An independent Network-based Access Control system is proposed to be installed for security of the 4 rooms. Biometric readers to enter and exit buttons for exit.
- 3.2.11.2. Heavy duty door closers and magnetic locks will need must be installed for all doors. All required controllers, power supplies and software to be supplied as well.
- 3.2.11.3. The system needs to store and report on access history, records for a 12-month period to be retained.
- 3.2.11.4. Secure power cabling and analogue communication cable for the Access system needs to be allowed for where applicable.
- 3.2.11.5. An enrolment PC, to be installed within the ICT operational area and linked to the LAN, with a reader needs to be allowed for in the Bill of Quantities for the enrolment of staff.
- 3.2.11.6. Health and safety compliance requirement – system must include a manual egress from internal of any of the server room, UPS rooms of LV rooms linked to an audible alarm. (i.e., voice line available within the server room, UPS room and LV room)

### 3.2.12. Monitoring System

- 3.2.12.1. The monitoring systems shall not only speak to the physical space and physical threats but also to the physical equipment such as the generators, UPS's, cooling units, access control systems and fire systems. The surrounding environment must be viewed holistically and watched proactively for threats and intrusions.
- 3.2.12.2. The monitoring system unit must offer the finest environmental monitoring and infrastructure security system. The unit must offer a multi-level monitoring platform – including temperature, humidity, door contact, dry contact, smoke, spot leak and rope leak monitoring.



Figure 5. Environmental Monitoring Systems Similar or equivalent to TM4 Monitoring System

- 3.2.12.2.1. Up to 4 integrated cameras
- 3.2.12.2.2. Internal standby battery
- 3.2.12.2.3. A and B Bus for sensor modules to expand the capacity up to 66 universal sensors.
- 3.2.12.2.4. 48 Port dry-contact expansion module
- 3.2.12.2.5. Universal sensors for temperature, humidity, water detection, dry-contacts, door switches, smoke detection, perimeter leak detection
- 3.2.12.2.6. Wireless sensor module with wireless temperature, humidity, and pressure sensors
- 3.2.12.2.7. 4-20mA expansion module
- 3.2.12.2.8. Access module with integrated biometric access control
- 3.2.12.2.9. Modular architecture for easy expansion
- 3.2.12.2.10. Simple Network Management Protocol (SNMP) monitoring capability for UPSs and PDUs
- 3.2.12.2.11. Email SMS and SNMP notification
- 3.2.12.2.12. 5-year hardware warranty (standard terms apply).

3.2.12.3. For each sensor, acceptable operating conditions must be determined, and thresholds configured to produce alarms when readings exceed those operating conditions. Ideally, the monitoring system must have the flexibility to configure multiple thresholds per sensor to alert at informational, warning, critical, and failure levels. In addition to single-value thresholds, there must be triggering conditions such as over threshold for a specified amount of time, rate of increase, and rate of decrease. Alert information must be dispatched in a variety of different ways such as email, SMS text messages, SNMP traps, and posts to HTTP servers. It is important that the alerting systems be flexible and customizable so that the right amount of information is successfully delivered to the intended recipient. Alert notifications must include information such as the user-defined name of the sensor, sensor location, and date/time of alarm.

3.2.12.4. The server room, UPS rooms A and B and the LV room must be equipped with a TM4 monitoring system.

3.2.12.5. Server Room TM4 system must cater as a minimum for the following:

3.2.12.5.1. GSM modem

3.2.12.5.2. Temperature and humidity sensors for each rack

3.2.12.5.3. Under floor flood strips at the perimeter and at the rows

3.2.12.5.4. Door contact

3.2.12.5.5. 48 port dry contact module

3.2.12.5.6. 4 x dry contacts for each generator

3.2.12.5.7. Cat-6 yellow Krone cable

3.2.12.5.8. Fire system dry contacts

3.2.12.5.9. Fresh air system and fire dampers dry contacts

3.2.12.5.10. Air-conditioning unit's dry contacts

3.2.12.5.11. UPS in general DB dry contacts

3.2.12.5.12. Air-conditioning ATS units dry contacts

3.2.12.6. UPS Room A TM4 system must cater as a minimum for the following:

3.2.12.6.1. GSM modem

3.2.12.6.2. Temperature sensors in the room

3.2.12.6.3. Under floor flood strips at the perimeter and at the UPS and battery cabinet

3.2.12.6.4. Door contact

3.2.12.6.5. 48 port dry contact module

3.2.12.6.6. 4 x dry contacts for each UPS

3.2.12.6.7. Cat6 yellow Krone cable

3.2.12.6.8. Fire system dry contacts

3.2.12.6.9. Air-conditioning units' dry contacts

3.2.12.6.10. Air-conditioning ATS units dry contacts

3.2.12.7. UPS Room B TM4 system must cater as a minimum for the following:

- 3.2.12.7.1. GSM modem
- 3.2.12.7.2. Temperature sensors in the room
- 3.2.12.7.3. Under floor flood strips at the perimeter and at the UPS and battery cabinet
- 3.2.12.7.4. Door contact
- 3.2.12.7.5. 48 port dry contact module
- 3.2.12.7.6. 4 x dry contacts for each UPS
- 3.2.12.7.7. Cat6 yellow Krone cable
- 3.2.12.7.8. Fire system dry contacts
- 3.2.12.7.9. Air-conditioning units dry contacts
- 3.2.12.7.10. Air-conditioning ATS units dry contacts

3.2.12.8. LV Room TM4 system must cater as a minimum for the following:

- 3.2.12.8.1. GSM modem
- 3.2.12.8.2. Temperature sensors in the room
- 3.2.12.8.3. Flood strips at the perimeter and at the UPS and battery cabinet
- 3.2.12.8.4. Door contact
- 3.2.12.8.5. 48 port dry contact module
- 3.2.12.8.6. 4 x dry contacts for each UPS
- 3.2.12.8.7. Cat6 yellow Krone cable
- 3.2.12.8.8. Fire system dry contacts
- 3.2.12.8.9. Air-conditioning unit's dry contacts
- 3.2.12.8.10. Air-conditioning ATS units dry contacts

### 3.3. HVAC (Air Conditioning)

3.3.1. The Current SANC incumbent contractor will be utilized for all air-conditioning works and fresh air systems in all the rooms. All pricing for the air-condition HVAC scope will need to be obtained from this existing SANC contractor only. Details of the contractor will be provided during the briefing session. The HVAC scope are detailed further in the HVAC specifications forming part of this documents.

#### 3.3.1.1. Server Room

- 3.3.1.1.1. The removal of existing units in the current server room and the re-installation in the new server room for the current incumbent contractor to honour warranties as well as maintenance and support for a period of five-years as from date of deployment in new server room or associated facilities must be included in the pricing. They will also be responsible for the fresh air and purge system.
- 3.3.1.1.2. The fresh air and purge system must be complete with fan, filters, ducting and main control panel. Unit must include duct smoke detector, forward and reverse function on fan, indication lights to indicate fan in forward or reverse, monitoring contacts for fire damper position and fan forward/reverse status, buzzer, and warning light to indicate fan is in reverse remote control status panel.

3.3.1.1.3. This includes:

- 3.3.1.1.3.1. 2 x new floor stands for the existing units to be placed on, so that the weight is not distributed on the raised flooring.
- 3.3.1.1.3.2. 600 x 600 air grills with Opposed Blade Damper (OBD) for underfloor airflow release.
- 3.3.1.1.3.3. Programming of the aircon units to alternate under normal load to avoid overworking one unit.

#### 3.3.1.2. Cold aisle Containment

- 3.3.1.2.1. An aisle containment system must be installed illustrating the functional principle of the hot air emitted at the rear of the servers is pushed out into the aisle. The cooled air is then expelled out the vented floor tiles at the front of the cabinets. This ensures that the servers are supplied with cold air. With the aisle containment in place this ensures that the hot air is kept in the specific section meaning it cannot mix with the cold air. Thus, increasing the efficiency and temperature requirement of the system.
- 3.3.1.2.2. Containment must accommodate the 2 x existing storage racks and the future racks as well.

#### 3.3.1.3. UPS Room A & B

- 3.3.1.3.1. UPS Rooms must be independent, and each require redundant air-conditioning for the heat load expelled from the units themselves.
- 3.3.1.3.2. 2 x 24 000btu mid wall split inverter air conditioners must be provided in each room including refrigerant, outdoor condenser, and condensate pumps. Piping and routing to the exterior condensers must be installed from the location of the indoor units. 1 unit to run and the second unit to be on stand-by with auto restart functionality in each room.
- 3.3.1.4. LV Room
  - 3.3.1.4.1. The existing under ceiling units in the current server room UPS area must be relocated to the LV room including new piping and refrigerant, etc.

### 3.4. ELECTRICAL REQUIREMENTS

#### 3.4.1. 400KVA Generator

3.4.1.1. The engine needs to be 400 KVA Tier 3 emission rated with the following specifications:

- 3.4.1.1.1. Duty: Prime
- 3.4.1.1.2. Power Rating kVA / kW: 400/320
- 3.4.1.1.3. No. of Phases: 3
- 3.4.1.1.4. Output Voltage (V): 415 V
- 3.4.1.1.5. Frequency (Hz): 50 Hz
- 3.4.1.1.6. Power Factor: 0.8 (lagging)
- 3.4.1.1.7. Current (A): 556
- 3.4.1.1.8. RPM: 1500
- 3.4.1.1.9. Starting system: 24 V DC Electrical
- 3.4.1.1.10. Weight +/- 2000kgs
- 3.4.1.1.11. Noise: 65 Dbs at 1m
- 3.4.1.1.12. Change over: Automatic change over which can be operated manually

- 3.4.1.2. First fill of 1000L diesel must be included. Service provider must be willing to enter a contract to supply diesel to the SANC as required for a five-year period at the regulated unit cost and a maximum 5% mark-up for the delivery on the total diesel cost.
- 3.4.1.3. Location of the generator needs to be confirmed by the structural engineer.
- 3.4.1.4. The existing generator will need to be serviced fully and batteries replaced.

#### 3.4.2. **Electrical Reticulation**

- 3.4.2.1. Supply and install the necessary equipment and materials in compliance with local regulations, and manufacturers' recommendations, to ensure the correct, safe, and optimal functionality of the equipment proposed to be placed within, and essential to the facility. Where clashes occur, the highest demands shall prevail.
- 3.4.2.2. The high-level single line diagram has been provided as part of the tender documents. Circuit breaker discrimination and cascading will need to be verified and confirmed by the panel builder and corrected where necessary.
- 3.4.2.3. Required custom built panels:
  - 3.4.2.3.1. Engine-Co custom generator sync changeover panel 1000A to accommodate sync between 2 x 400kVA generators (1 @day 1 and 1 in the future), automatic transfer between 1000A Utility feed and the 2 x generator feeds, 1 x 800A output for the building, 1 x 250A output for Server Room and 1 x 160A output for building UPS.
  - 3.4.2.3.2. New LV splitter panel
  - 3.4.2.3.3. Generator DB A
  - 3.4.2.3.4. Generator DB B
  - 3.4.2.3.5. UPS DB A
  - 3.4.2.3.6. UPS DB B
  - 3.4.2.3.7. General DB with built-in ATS and UPS
- 3.4.2.4. **Splitter Panel Requirement:**
  - 3.4.2.4.1. MV switching after hours.
  - 3.4.2.4.2. New LV splitter panel.
- 3.4.2.5. Supply and install new LV cables and earth from LV side of transformer to new splitter panel input including all materials.
- 3.4.2.6. Supply and install new LV cables and earth from new splitter panel output to new generator sync changeover panel including all materials.
- 3.4.2.7. Supply and install new LV cables and earth from new generator sync changeover panel to existing building LV panel including all materials.
- 3.4.2.8. Supply and install all routing required.
- 3.4.2.9. Portable generator with sufficient lighting and power for working during shut down.

#### **3.4.2.10. Generator and Server Room A Feed Requirements**

- 3.4.2.10.1. Supply and install new LV cables and earth from new 400kVA generator to new generator sync changeover panel including all materials.
- 3.4.2.10.2. Supply and install new LV cables and earth from new splitter panel to existing generator including all materials.
- 3.4.2.10.3. Supply and install new LV cables and earth from existing generator to Server Room Generator DB A including all materials.
- 3.4.2.10.4. Core drills for all cable routes to basement.
- 3.4.2.10.5. Supply and install all routing required.

#### **3.4.2.11. Server Room B Feed Requirements**

- 3.4.2.11.1. Supply and install new LV cables and earth from new generator sync changeover panel to Server Room Generator DB B including all materials.
- 3.4.2.11.2. Core drills for all cable routes to basement.
- 3.4.2.11.3. Supply and install all routing required.

#### **3.4.2.12. Internal server room requirements**

- 3.4.2.12.1. Generator DBs complete with main input C/B, UPS input and Bypass circuit breakers, wrap around C/B, cooling units indoor and outdoor C/Bs, Split cooling unit's C/B's, DC fresh air fan system C/B, future C/Bs for cooling units, spares, and Surge protection.
- 3.4.2.12.2. UPS DB's complete with main input C/B, wrap around C/B, feeds to the racks, feed to the general DB, feeds to lighting circuits in all rooms, spare C/Bs, and Surge protection.
- 3.4.2.12.3. General DB complete with built in ATS and UPS including A and B UPS fed inputs for all auxiliary equipment such as the fire systems, early warning systems, monitoring systems and lighting in all rooms.
- 3.4.2.12.4. UPS rectifier and bypass inputs including SWA electrical cable, ICEW cable, routing, lugs, glands, shrouds, and terminations. Fed from Gen DB A and B to each UPS
- 3.4.2.12.5. UPS outputs to UPS DBs including SWA electrical cable, ICEW cable, routing, lugs, glands, shrouds, and terminations.
- 3.4.2.12.6. UPS wrap around.
- 3.4.2.12.7. General white plug circuits.
- 3.4.2.12.8. Generator A feeds for the cooling units in the DC including isolators, cables, and terminations.
- 3.4.2.12.9. Generator B feeds for the cooling units in the DC including isolators, cables, and terminations.
- 3.4.2.12.10. Generator A feeds for the cooling units in the UPS Rooms including isolators, cables, and terminations.
- 3.4.2.12.11. Generator B feeds for the cooling units in the UPS Rooms including isolators, cables, and terminations.
- 3.4.2.12.12. Generator A feeds for the fresh air system in the DC including isolators, cables, and terminations.
- 3.4.2.12.13. Generator B feeds for the fresh air system in the DC including isolators, cables, and terminations.
- 3.4.2.12.14. Feeds to the fire systems (A and B) for each room.
- 3.4.2.12.15. 32A UPS feeds to each rack A and B.
- 3.4.2.12.16. Lighting circuits server room and both UPS rooms with switches split between the 2 x UPS DB's an general DB.
- 3.4.2.12.17. LED light fittings complete for server room and both UPS rooms.

- 3.4.2.12.18. Emergency battery backed up LED light fittings complete for server room and both UPS rooms.
- 3.4.2.12.19. 2 x earth bars under floor in the server room including 16mm cable to each rack and every second-floor pedestal, 2 x 70mm earth cables to each earth bar fed from main building earth, 2 x 70mm cables linked between earth bars, earthing of all equipment and 70mm cables to all DBs.
- 3.4.2.12.20. 1 x earth bar in each UPS room including 2 x 70mm earth cables to each earth bar fed from main building earth, 2 x 70mm earth linked between earth bars, earthing of all equipment and to all DB's.
- 3.4.2.12.21. A and B UPS feeds to the monitoring systems in all 3 rooms.
- 3.4.2.12.22. Rack mount 16A STS units.
- 3.4.2.12.23. All routing in UPS rooms.
- 3.4.2.12.24. Supply and install ATS units for DC cooling units.
- 3.4.2.12.25. All routing in server room for light circuits, fire panel feeds, cooling unit feeds, fresh air unit feeds, etc.
- 3.4.2.12.26. Under floor routing for all electrical circuits A and B.
- 3.4.2.12.27. Overhead routing for all data cables in server room.
- 3.4.2.12.28. Supply and install ATS units for cooling units in UPS rooms.

#### 3.4.2.13. LV Room Requirements

- 3.4.2.13.1. UPS rectifier and bypass inputs including SWA electrical cable, ICEW cable, routing, lugs, glands, shrouds, and terminations. Fed from generator sync changeover panel.
- 3.4.2.13.2. UPS outputs including SWA electrical cable, ICEW cable, routing, lugs, glands, shrouds, and terminations to feed existing UPS DB outside existing server room.
- 3.4.2.13.3. LED lighting in room.
- 3.4.2.13.4. Emergency lighting in room.
- 3.4.2.13.5. Feeds to the cooling units in room fed from existing building DB.
- 3.4.2.13.6. Feed to the fire system fed from existing building UPS DB.
- 3.4.2.13.7. Feed to the monitoring system fed existing building UPS DB.
- 3.4.2.13.8. General white plug circuits.
- 3.4.2.13.9. All consumables to be included such as and cable glands, cable tray, cable ladder, clamps, brackets, fixings, trunking (where exposed – galvanised and painted), lugs, terminations, connections, and all other approved system components required for the correct and safe operation of all equipment within and associated with the facility.
- 3.4.2.13.10. All cabling numbering, tagging, and labelling indicating its respective power supply source. DB numbering and labelling indicating type of DB and supply source. CB numbering and labelling in an approved, updateable manner; equipment and SSO / isolator labelling indicating supply source and circuit designation.
- 3.4.2.13.11. All work that must be done in accordance with SANS 10142.
- 3.4.2.13.12. Compliance certificates will be issued on completion of the installation.

#### 4. GENERAL

- 4.1. As per the BOQ the following will also need to be included as part of the tender, project completion and commissioning:
  - 4.1.1. Project Management and Site Supervision.
  - 4.1.2. Health and Safety.
  - 4.1.3. Dwg, PDF and 3 size hardcopy As-Built drawings.



- 4.1.4. Maintenance and operations manuals.
- 4.1.5. Training of operators.
- 4.1.6. Workmanship Guarantee for 12 months over and above product guarantees.
- 4.1.7. Labelling and Numbering of Racks, PDUs, Input power cables, etc.
- 4.1.8. Individual systems testing.
- 4.1.9. Integrated systems testing.
- 4.1.10. Load bank for UPS battery discharge runtime tests onsite.
- 4.1.11. Heaters for server room cooling tests.
- 4.1.12. Handover files.
- 4.2. The contractor to be aware of the detailed HVAC, Gas suppression and drawings specifications forming part of this specifications

## **5. PREVENTATIVE MAINTENANCE**

- 5.1. Preventative maintenance shall be provided for equipment and systems installed as part of this project for a period of 5 years.
- 5.2. Quarterly and monthly services must be performed on the required equipment and systems, respectively. A yearly schedule of all services will need to be provided. Service plan must be submitted to SANC and coordinated with the maintenance team before project completion

## **6. CERTIFICATIONS**

- 6.1. This Infrastructure project is of extreme importance for the South African Nursing Council and based on the limited downtime allowed for, the minimum requirement for tenderers is to provide at least One Exin TIA-942 CDCE certification and one Uptime ATD or AOS or ATS certification.
- 6.2. All other data centre certifications must be provided.
- 6.3. Minimum of 5 years' experience in this field with at least 5 references to be provided as part of the submission.

## **7. CLOSEOUT FILE**

- 7.1. The contractor to supply closeout file with minimum of the following index:
  - 7.1.1. Contact details
  - 7.1.2. Emergency procedure
  - 7.1.3. Maintenance manuals
  - 7.1.4. Material specifications
  - 7.1.5. Commissioning reports
  - 7.1.6. As built drawings (USB and three hardcopies)
  - 7.1.7. Closeout report

## 8. CONTRACT PERIOD

8.1. The SANC is looking to enter into a contract with a service provider for the provision and construction of a server room facility at the SANC within a twelve-month period and provide maintenance and support services for a five-year period thereafter.

## 9. SERVICE PROVIDER ORGANISATION DUTIES AND RESPONSIBILITIES

9.1. The service provider will be required to fully comply with all requirements/deliverables as stipulated in section 3 of this document and all parts of this TOR including drawings, specifications, and bill of material.

## 10. DESIRED CONFIDENTIALITY TERMS AND CONDITIONS

10.1. Statement of Confidentiality:

10.1.1. The recipient of this document must treat it as confidential and must not disclose it to any party other than the recipient's employees on a need-to-know basis, or other individuals authorized under a written Confidential Disclosure Agreement signed by both parties. If the recipient does not agree with these provisions, please return this document immediately.

## 11. EVALUATION PROCESS

11.1. The following qualifying criteria will be used:

### 11.1.1. Step 1: Administration Compliance

11.1.1.1. The service provider **MUST** comply with the following requirements:

Document that must be submitted	Non-compliance with items against which a "YES" is denoted must result in disqualification	
Invitation to Bid	YES	Complete and sign the supplied pro forma document.
Tax Status	YES	i. Proof of Registration on the Central Supplier Database (CSD report). ii. The CSD verification outcome will take precedence.
Declaration of Interest	YES	Complete and sign the supplied pro forma document.
Preference Point Claim Form	NO	Non-submission will lead to a zero (0) score on B-BBEE.
B-BBEE certificate or Sworn Affidavit	YES	Valid B-BBEE certificate or affidavit.
Declaration of Bidder's Past Supply Chain Management Practices	YES	Complete and sign the supplied pro forma document.
Certificate of Independent Bid Determination	YES	Complete and sign the supplied pro forma document.
Registration on Central Supplier Database (CSD)	YES	i. Submit proof of registration.

Document that must be submitted	Non-compliance with items against which a “YES” is denoted must result in disqualification	
Pricing Schedule	<b>YES</b>	Submit full details of the fixed pricing proposal
Original Equipment Manufacturer	<b>YES</b>	A valid OEM accreditation certificate from the manufacturer, the certificate must be on the manufacturer’s company letterhead.
Certification of Individual Engineers and/ or Electrician (Artisan)	<b>YES</b>	Provide valid proof of compliance from the following: (i) Engineering Council of South Africa (ECSA) (ii) Department of Labour and Employment Registered Electrician (Artisan)
Registration of the organisation with the professional or regulatory bodies	<b>YES</b>	Provide valid proof of registration with the following: i. Engineering Council of South Africa (ECSA) ii. Construction Industry Development Board (CIDB) - GRADE 4EB iii. National Home Builders Registration Council (NHBRC) iv. Department of Labour and Employment (Letter of Good Standing / COIDA)
Compulsory site briefing session The bidders must submit their bids with the attendance certificate	<b>YES</b>	<b>The compulsory site briefing will be held as follows:</b>  Date: <b>17 October 2022</b>  Time: <b>10H00</b>  Venue: <b>South African Nursing Council, 602 Pretorius Street, Arcadia, 0083.</b>
Vendor experience	<b>YES</b>	A minimum of three (3) contactable reference letters on the client letterhead where similar services have been rendered. These contactable references must not be older than ten (10) years.

**11.1.2. Step 2: Functionality**

**11.1.2.1. Any proposed bid which does not meet a minimum threshold of 70 points out of 100 points will not be considered further.**

11.1.2.2. The following formula will be used to convert to the points scored against the weight:

$$P_s = \left( \frac{S_o}{M_s} \right) \times 100$$

Where:

Ps = Percentage scored for functionality by bid under consideration

So = Total score of bid under consideration

Ms = Maximum possible score

11.1.2.3. The following criteria and weights shall apply when considering bids:

<b>Criteria Requirement</b>	<b>Points</b>
<p><b>1. COMPANY SERVER ROOM CONSTRUCTION EXPERIENCE</b></p> <p>1.1. 7 years' and above = <b>25</b></p> <p>1.2. 5 to 6 years = <b>20</b></p> <p>1.3. 3 to 4 years = <b>15</b></p> <p>1.4. 0 to 2 years = <b>0</b></p>	<b><u>25</u></b>
<p><b>2. EXPERIENCE OF TECHNICAL TEAM LEAD PERSONNEL</b></p> <p>2.1. 5 years or more = <b>15</b></p> <p>2.2. 3 to 4 years = <b>10</b></p> <p>2.3. 1 to 2 = <b>5</b></p> <p>2.4. 0 year = <b>0</b></p>	<b><u>15</u></b>
<p><b>3. QUALIFICATIONS OF TECHNICAL TEAM LEAD PERSONNEL</b></p> <p>3.1. Degree or higher in IT/ Computer Science = <b>10</b></p> <p>3.2. National Diploma/ Diploma in IT/ Computer Science = <b>8</b></p> <p>3.3. Certificate in IT/ Computer Science = <b>5</b></p> <p>3.4. Non-submission of qualification = <b>0</b></p>	<b><u>10</u></b>
<p><b>4. THE PROJECT TEAM</b></p> <p>4.1. <b><u>Project manager with project management qualifications</u></b></p> <p>4.1.1. BSc or B.Eng. or BTech in civil or architecture or structural engineering and registered with SACPCMP = <b>10</b></p> <p>4.1.2. National Diploma in civil or architecture or structural engineering and registered with SACPCMP = <b>5</b></p>	<b><u>25</u></b>

Criteria Requirement	Points
<p>4.1.3. Less than National Diploma in civil or architecture or structural engineering and not registered with SACPCMP = <b>0</b></p> <p>4.2. <b><u>Project manager with server room construction experience</u></b></p> <p>4.2.1. 5 years and above= <b>5</b></p> <p>4.2.2. 3 to 4 years = <b>3</b></p> <p>4.2.3. 0 to 2 years = <b>0</b></p> <p>4.3. <b><u>Construction Supervisor with server room construction experience:</u></b></p> <p>4.3.1. 5 years and above = <b>10</b></p> <p>4.3.2. 3 to 4 years = <b>5</b></p> <p>4.3.3. 0 to 2 years = <b>0</b></p>	
<p><b>5. ELECTRICAL CONTRACTOR LEAD EXPERIENCE</b></p> <p>5.1. 5 years and above = <b>15</b></p> <p>5.2. 3 to 4 years = <b>10</b></p> <p>5.3. 0 to 2 years = <b>0</b></p>	<b><u>15</u></b>
<p><b>6. QUALIFICATIONS OF ELECTRICAL CONTRACTOR LEAD</b></p> <p>6.1. N6 Electrical qualification or higher = <b>10</b></p> <p>6.2. N5 Electrical qualification = <b>8</b></p> <p>6.3. N4 Electrical qualification = <b>6</b></p> <p>6.4. N4 Electrical qualification = <b>4</b></p> <p>6.5. N2 Electrical qualification = <b>2</b></p> <p>6.6. N1 or non-electrical qualification = <b>0</b></p>	<b><u>10</u></b>
<b>Total points</b>	<b>100</b>

**11.1.3. Step 3: Price and B-BBEE**

11.1.3.1. Bids will be evaluated in terms of the 80/20 Preference Point System (80 points for price and 20 points for B-BBEE).

11.1.3.2. The following formula will be applied to calculate the points for price:

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

Where

P<sub>s</sub> = Points scored for price of bid under consideration

P<sub>t</sub> = Rand value of bid under consideration

P<sub>min</sub> = Rand value of lowest **acceptable** bid

11.1.3.3. The following formula will be used to calculate the points for B-BBEE:

11.1.3.4. Bids from non-compliant B-BBEE contributors will not be disqualified. Any B-BBEE qualifying contributor who does not submit a substantiating certificate will be allocated zero points, but the bid will not be disqualified.

11.1.3.5. Points will be awarded to a tenderer for attaining their B-BBEE status level of contributor in accordance with the table below:

<b>B-BBEE Status Level of Contributor</b>	<b>Number of points (80/20)</b>
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

**PRICING SCHEDULE– FIRM PRICES (PURCHASES)**

**ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED**

**IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT**

Name of bidder.....	Bid number: <b>SCM 28/2022/SANC</b>
Closing Time: <b>12H00</b>	Closing date: <b>10 NOVEMBER 2022</b>

**OFFER TO BE VALID FOR 180 DAYS FROM THE CLOSING DATE OF BID.**

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
Building Works <ul style="list-style-type: none"> <li>• Server Room Construction</li> <li>• Low Voltage (LV) Room &amp; Generator Area</li> </ul>	1	R	R
Server room Fitment	1	R	R
Fire Detection and Suppression	1	R	R
Gas Protection: NOVEC 1230	1	R	R
Pipe Work	1	R	R
Early Warning Fire Detection Systems	1	R	R
Computer Cabinets / Racks	1	R	R
Power Distribution Units (PDU's)	1	R	R
Access Control	1	R	R
Monitoring System	1	R	R
HVAC	1	R	R
Electrical Requirements and COC	1	R	R
5-year maintenance	1	R	R
<b>TOTAL PRICE EXCLUDING VAT</b>			R
<b>VAT</b>			R
<b>TOTAL PRICE INCLUDING VAT</b>			R

Required by (End-User):

**INFORMATION COMMUNICATION AND TECHNOLOGY DEPARTMENT**

Required at (Address):

Cecilia Makiwane Building  
602 Pretorius Street  
Arcadia, Pretorius 0083

Brand and model (if applicable):

.....

INVITATION TO BID: SCM 28/2022/SANC: APPOINTMENT OF A SERVICE PROVIDER FOR THE PROVISION AND CONSTRUCTION OF A SERVER ROOM FACILITY AT THE SOUTH AFRICAN NURSING COUNCIL (SANC) WITHIN A TWELVE-MONTH PERIOD AND PROVIDE MAINTENANCE AND SUPPORT SERVICES FOR A FIVE-YEAR PERIOD THEREAFTER

Country of origin (if applicable): .....

Guarantee period (if applicable): .....

Does the offer comply with the specification?  Yes  No  N/A

**\*Mark the relevant block with an X**

If not to specification, indicate deviation(s) .....

How long it will take for the bidder to deliver goods/services after receipt of a purchase order? .....  
(Only firm delivery period will be considered)

**DECLARATION BY THE BIDDER:**

I .....confirm that the information furnished is correct and true. I accept that the South African Nursing Council may act against me should this declaration prove to be false.

Name of Bidder:.....Position:.....

Signature:.....Date:.....



**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017**

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE SPECIAL REQUIREMENTS OF QUOTATION, DEFINITIONS, AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

**1. GENERAL CONDITIONS**

- 1.1 The following preference point systems are applicable to all bids:
  - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- 1.2 The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable: or
- 1.3 The 80/20 preference point system will be applicable to this tender.
- 1.4 Points for this bid shall be awarded for:
  - (a) Price; and
  - (b) B-BBEE Status Level of Contributor.
- 1.5 The maximum points for this bid are allocated as follows:

	<b>POINTS</b>
<b>PRICE</b>	<b>80</b>
<b>B-BBEE STATUS LEVEL OF CONTRIBUTOR</b>	<b>20</b>
<b>Total points for Price and B-BBEE must not exceed</b>	<b>100</b>

- 1.6 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.7 The Purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

**2. DEFINITIONS**

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic

Empowerment Act, 2003 (Act No. 53 of 2003);

- (e) “**EME**” means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) “**functionality**” means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) “**prices**” include all applicable taxes less all unconditional discounts;
- (h) “**proof of B-BBEE status level of contributor**” means:
  - 1) B-BBEE Status level certificate issued by an authorized body or person;
  - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
  - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) “**QSE**” means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

### 3. POINTS AWARDED FOR PRICE

#### 3.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for a price on the following basis:

#### 80/20

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

Where

- P<sub>s</sub> = Points scored for the price of a bid under consideration
- P<sub>t</sub> = Price of a bid under consideration
- P<sub>min</sub> = Price of lowest acceptable bid

### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder 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)
1	20
2	18
3	14
4	12
5	8
6	6
7	4

B-BBEE Status Level of Contributor	Number of points (80/20 system)
8	2
Non-compliant contributor	0

**5. BID DECLARATION**

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

**5.1.1 B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED:**

B-BBEE Status Level of Contributor: = ..... (Maximum of 20 points)

(Points claimed must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by the relevant proof of B-BBEE status level of the contributor.

**5.1.2 SUB-CONTRACTING**

i) Will any portion of the contract be sub-contracted?  Yes  No  
(Tick applicable box)

ii) If yes, indicate:

- What percentage of the contract will be subcontracted.....%
- The name of the sub-contractor.....
- The B-BBEE status level of the sub-contractor.....
- Whether the sub-contractor is an EME or QSE.  Yes  No

(Tick applicable box)

- Specify, by ticking the appropriate box, if your company will subcontract with any other enterprise in terms of Preferential Procurement Regulations,2017, as per the table below :

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

**5.1.3 DECLARATION WITH REGARD TO COMPANY/FIRM**

5.1.3.1 Name of company/firm: .....

5.1.3.2 VAT registration number: .....

5.1.3.3 Company registration number: .....

**5.1.3.4 TYPE OF COMPANY/ FIRM**

- Partnership/Joint Venture / Consortium
- One person business/sole propriety
- Close corporation
- Company
- (Pty) Limited

[TICK APPLICABLE BOX]

**5.1.3.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES**

.....  
.....

**5.1.3.6 COMPANY CLASSIFICATION**

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g., transporter, etc.

[TICK APPLICABLE BOX]

**5.1.3.7 A total number of years the company/firm has been in business: .....**

**5.1.3.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE Status Level of Contributor indicated in paragraph 5.1.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:**

- i) The information furnished is true and correct;
- ii) In the event of a contract being awarded as a result of points claimed, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;

If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of the contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

- (a) disqualify the person from the bidding process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not
- (e) exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (f) Forward the matter for criminal prosecution.

**Signatures of the bidder: \_\_\_\_\_ Date: \_\_\_\_\_**

**Witnesses: (01) \_\_\_\_\_ (02) \_\_\_\_\_**

### DECLARATION OF INTEREST

1. Any legal person, including persons employed by the South African Nursing Council (SANC), or persons having a kinship with persons employed by the SANC, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the SANC, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- the bidder is employed by the SANC; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

2.1 Full Name of bidder or his or her representative: .....

2.2 Identity Number: .....

2.3 Position occupied in the Company (director, trustee, shareholder): .....

2.4 Company Registration Number: .....

2.5 Tax Reference Number: .....

2.6 VAT Registration Number: .....

2.7 Are you or any person connected with the bidder presently employed by the SANC? **YES / NO**

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member: .....

Name of state institution at which you or the person connected to the bidder is employed: .....

Position occupied in the state institution: .....

Any other particulars:  
.....  
.....  
.....

2.7.2 If you are presently employed by the SANC, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? **YES / NO**

2.7.2.1 If yes, did you attach proof of such authority to the bid document? **YES / NO**

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

.....  
.....  
.....

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the SANC in the previous twelve months? **YES / NO**

2.8.1 If so, furnish particulars:

.....  
.....  
.....

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the SANC and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

2.9.1 If so, furnish particulars.

.....  
.....  
.....

2.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the SANC who may be involved with the evaluation and or adjudication of this bid? **YES/NO**

2.10.1 If so, furnish particulars.

.....  
.....  
.....

2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract? **YES/NO**

2.11.1 If so, furnish particulars:

.....  
.....

Full Name	Identity Number	Personal Reference Number	Tax	SANC Employee Number / PERSAL Number

**3 DECLARATION**

I, THE UNDERSIGNED (NAME) .....

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.  
 I ACCEPT THAT THE SANC MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF THE SCM POLICY AND PROCEDURE MANUAL AND OTHER RELATED LEGISLATION SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....  
**Signature**

.....  
**Date**

.....  
**Position**

.....  
**Name of Bidder**

**DECLARATION OF BIDDER’S PAST SUPPLY CHAIN MANAGEMENT PRACTICES:**

1. This Standard Bidding Document must form part of all bids invited.
2. It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
3. The bid of any bidder may be disregarded if that bidder or any of its directors have-
  - a. Abused the institution’s supply chain management system;
  - b. Committed fraud or any other improper conduct in relation to such system; or
  - c. Failed to perform on any previous contract.
4. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury’s database as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). <b>The Database of Restricted Suppliers now resides on the National Treasury’s website (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) and can be accessed by clicking on its link at the bottom of the page.</b>	Yes	No
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? <b>The Register for Tender Defaulters can be accessed on National Treasury’s website, (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) by clicking on its link at the bottom of the home page.</b>	Yes	No
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes	No
4.4.1	If so, furnish particulars:		

.....

**Signature**

.....

**Date**

.....

**Position**

.....

**Name of Bidder**



**CERTIFICATE OF INDEPENDENT BID DETERMINATION:**

I, the undersigned, in submitting the accompanying bid in response to the invitation for the bid: **APPOINTMENT OF A SERVICE PROVIDER FOR THE PROVISION AND CONSTRUCTION OF A SERVER ROOM FACILITY AT THE SOUTH AFRICAN NURSING COUNCIL (SANC) WITHIN A TWELVE-MONTH PERIOD AND PROVIDE MAINTENANCE AND SUPPORT SERVICES FOR A FIVE-YEAR PERIOD THEREAFTER** made by: **THE SOUTH AFRICAN NURSING COUNCIL (SANC)** do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_\_\_ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) Has been requested to submit a bid in response to this bid invitation;
  - (b) Could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) Provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) Prices;
  - (b) The geographical area where product or service will be rendered (market allocation)
  - (c) Methods, factors or formulas used to calculate prices;
  - (d) The intention or decision to submit or not to submit, a bid;
  - (e) The submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) Bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms

INVITATION TO BID: SCM 28/2022/SANC: APPOINTMENT OF A SERVICE PROVIDER FOR THE PROVISION AND CONSTRUCTION OF A SERVER ROOM FACILITY AT THE SOUTH AFRICAN NURSING COUNCIL (SANC) WITHIN A TWELVE-MONTH PERIOD AND PROVIDE MAINTENANCE AND SUPPORT SERVICES FOR A FIVE-YEAR PERIOD THEREAFTER

of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting

business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....  
**Signature**

.....  
**Date**

.....  
**Position**

.....  
**Name of Bidder**