

Bidder's Information: The Manager/Director

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

Dear Sir/Madam


INVITATION TO BID: SCM 03/2023/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 FIVE-YEARS THEREAFTER

The South African Nursing Council invites bidders to participate and submit bids/proposals for the above-mentioned bid.

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:
 - 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 The bidder is also required to submit in a **USB flash drive**.
3. The attached forms/annexures, if completed in detail and returned, will form part of your bid submission.
4. Please take note that, this bid will be evaluated in terms of 80/20 Preference Point System.
5. All communication should be made using an email, the cut-off date for all enquiries will be at **12h00 on 16 June 2023**.
6. **Bid documents must be deposited in the tender box situated at SANC Reception, Cecilia Makiwane Building, 602 Pretorius Street, Arcadia, Pretoria, 0083 before or on the closing date and time on 27 June 2023 at 12h00 South African time.**

 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

DIRECTIVE TO BIDDERS ON COMPLETION OF STANDARD BIDDING DOCUMENT FORMS OF BID PROPOSAL

1. The purpose of this document is to guide bidders on the completion of standard bidding document forms of the SANC bid.
2. The dates on all standard bidding documents must be a date which is within the bid advertising period.
3. The last column of the table below (this column must be ticked as an indication that each document and its requirements have been complied with by the bidder)

DOCUMENT	DIRECTIVE	COMPLIED/ NOT COMPLIED
Invitation to Bid	The bidder is required to complete this document in full and be signed off. The bidder must tick (circle/erase) “YES OR NO” on this document. The bidder may not ignore any clause and/or write “not applicable (N/A)” unless it is the only option available, e.g., are you a foreign based supplier for the goods/services/works offered? If the answer is no, then on the questionnaire to bidding foreign suppliers. The bidder may write N/A.	
Bidder’s Disclosure	This document must be completed in full and be signed off. The bidder must tick (circle/erase) “YES OR NO” on this document and indicate not applicable where necessary. The bidder must disclose if the company or any of its directors have an interest in other companies whether they bid or not. Should a bidder have more companies to declare, such information can be provided on a separate sheet in the format prescribed in the form and attached to the bidder’s disclosure form. Information captured must be in line with what is captured in the central supplier database.	
Central supplier database report	The bidder must attach a Central Supplier Database report printed from https://secure.csd.gov.za/	
Preference points claim form	The bidder must fully complete this document and sign off. The bidder must allocate correct preference points, the preference points claimed will be verified using the following: <ul style="list-style-type: none"> - Identity Documents - Broad-Based Black Economic Empowerment Certificate (B-BBEE certificate) - Companies and Intellectual Property Commission disclosure certificate - medical report for disability ownership The bidder must submit the documents above to qualify for preference points.	
Pricing schedule	The bidder must complete the supplied pricing schedule and sign-off. The bidder may add other applicable costs which may not be covered by the SANC pricing schedule. In addition, the bidder must submit a detailed price quotation on the company letterhead.	
Bid proposal	The bidder must submit a detailed bid proposal in line with the specifications/terms of reference	

**PART A
INVITATION TO BID**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE SOUTH AFRICAN NURSING COUNCIL					
BID NUMBER:	SCM 03/2023/SANC	CLOSING DATE:	27 JUNE 2023	CLOSING TIME:	12H00
DESCRIPTION	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 FIVE-YEARS THEREAFTER				
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Mr PM Makhubedu		CONTACT PERSON	Mr M Makgolane	
TELEPHONE NUMBER	012 426 9570		TELEPHONE NUMBER	012 420 1030	
E-MAIL ADDRESS	tenders@sanc.co.za		E-MAIL ADDRESS	mmakgolane@sanc.co.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
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]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT					

REGISTER AS PER 2.3 BELOW.

**PART B
TERMS AND CONDITIONS FOR BIDDING**

1. BID SUBMISSION:

- 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 IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER’S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 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.”

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g., company resolution)

DATE:

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 120 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), Specific goals 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) 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.

- 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. PREFERENCE POINTS CLAIM (SPECIFIC GOALS)

- 14.1. Proof of Specific goals Ownership and verification may be conducted in various forms including but not limited to the following documents namely: - CIPC documents, valid copy of B-BBEE certificate, copy of Identity document, medical report for disability ownership and declaration letter signed by the tenderer. Failure to attach proof, the tenderer will be allocated 0 points on specific goals.

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 specific goals as a legal entity, provided that the entity submits their B-BBEE status level certificate. CIPC documents, copy of Identity document, medical report for disability ownership and declaration letter signed by the tenderer. Failure to attach proof, the tenderer will be allocated 0 points on specific goals.

TERMS OF REFERENCE FOR THE APPOINTMENT OF 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 FIVE-YEARS 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 section 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 Communication 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 Volta 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

- 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.

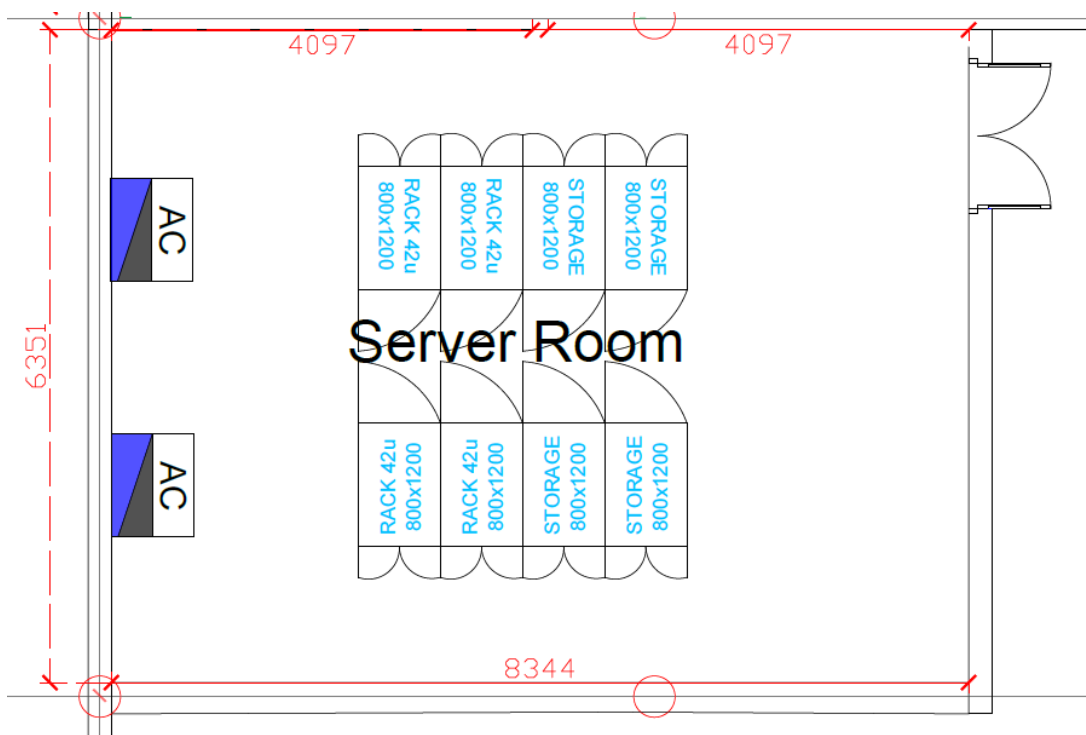


Figure 1. Server Room Layout

3.2.2. UPS Rooms

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.

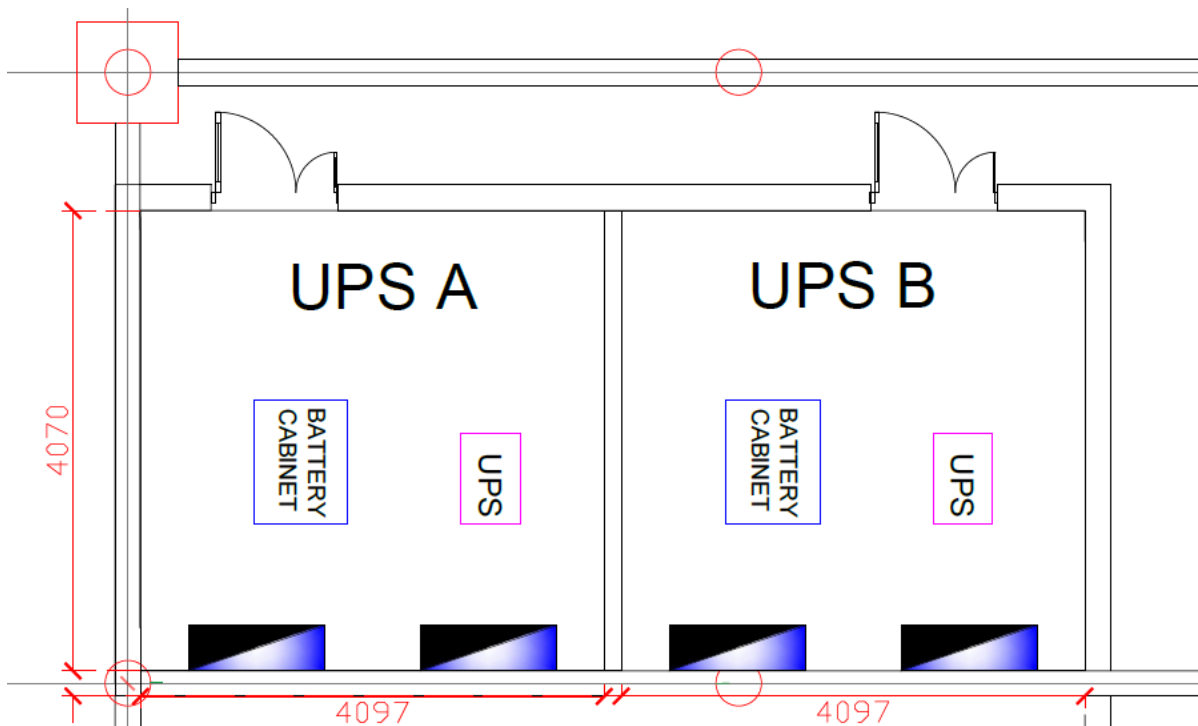


Figure 2. UPS Room Section

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**

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**

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 / m² 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.



Figure 3. Access Floor typical

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,

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. 3.2.3 Fire Suppression system.

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 DB's complete with main input C/B, UPS input and Bypass circuit breakers, wrap around C/B, cooling units indoor and outdoor C/B's, Split cooling unit's C/B's, DC fresh air fan system C/B, future C/B's 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/B's, 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 DB's 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 DB's.
- 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, PAYMENT PLAN AND IMPLEMENTATION TIMELINES

8.1. The SANC is looking to enter 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.

8.2. The service provider must submit a project plan that reflects the milestones and indicate timelines per milestone for a period of twelve (12) months.

8.3. The project plan must be aligned with the payment milestones as per table.

1. MILESTONES AND PAYMENT SCHEDULES			
Item	Milestone	Estimated Delivery Period (From Project Start)	% of project (Payment)
1	Building Works • Server Room Construction • Low Voltage (LV) Room & Generator Area	Month 4 from project start	16,33%
2	Server room Fitment	Month 7 from project start	21,04%
3	Electrical Installation and COC	Month 10 from project start	43,43%
4	HVAC	Month 10 from project start	7,70%
5	General	Month to month until month 12 from project start	10,00%
6	5-year maintenance	Month 12 from project start	1.5%

NB: SERVICE PROVIDERS MUST BREAKDOWN MILESTONES INTO MONTHLY DELIVERABLES TO ALLOW FOR MONTHLY PAYMENTS WHERE NECESSARY.

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 Bids will be evaluated in three (3) steps (Mandatory and Administrative Compliance, Functionality and Price and Specific Goals). The following qualifying criteria will be used:

11.1.1. STEP 1: MANDATORY AND ADMINISTRATIVE COMPLIANCE:

Document that must be submitted	Non-compliance with items against which a "YES" is denoted shall result in disqualification	
Invitation to Bid	YES	Complete in full and sign the supplied pro forma document
Tax Status	YES	i. Submit proof of Registration on the Central Supplier Database. ii. The CSD verification outcome by SANC will take precedence.
Bidder's Disclosure	YES	Complete in full and sign the supplied pro forma document.
Preference Point Claim Form	NO	i. Non-submission of Preference Point Claim Form will lead to a zero (0) score on specific goals. ii. Proof of Specific goals Ownership and verification will be confirmed using the following documents namely: <ul style="list-style-type: none"> ✓ CIPC documents, ✓ valid copy of B-BBEE certificate, ✓ copy of Identity document, and or ✓ medical report for disability ownership <p>NB: Failure to attach proof, the tenderer will be allocated 0 points on specific goals</p>
Compulsory Briefing Session	YES	The compulsory site briefing will be held as follows: Date: 06 June 2023 Time: 14H00 Venue: SANC, 602 Pretorius Street, Arcadia, Pretoria, 0083 <p>NB: The bidders must submit their bids with the attendance certificate</p>
Original Equipment Manufacturer or authorised reseller	YES	A valid accreditation certificate/agreement/letter from OEM or authorised reseller agreement/letter on all items listed below:

Document that must be submitted	Non-compliance with items against which a “YES” is denoted shall result in disqualification	
		<ul style="list-style-type: none"> ✓ Early Warning Fire Detection Systems ✓ Access Control ✓ Monitoring System ✓ UPS
Certification or proof of registration for the Service Provider	YES	Provide proof of compliance/registration (Tender letter) from the Department of Labour as a Registered Electrical contractor.
Registration with professional/regulatory bodies	YES	Proof of registration with CIDB (GB) level 2 or above certificate.
Registration with Department of Labour	YES	Provide valid COIDA certificate from Department of Labour.
Written price quotation	YES	Submit a detailed written price quotation.

11.1.2. STEP 2: FUNCTIONALITY:

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

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

$$Ps = \left(\frac{So}{Ms} \right) \times 100$$

Where:

Ps = Percentage scored for functionality by bid under consideration

So = Total score of bid under consideration

Ms= Maximum possible score

The following criteria and weights shall apply when considering bids:

CRITERIA REQUIREMENT	WEIGHT/ POINTS
<p>1. COMPANY EXPERIENCE (SERVER ROOM CONSTRUCTION, ELECTRICAL, ENVIRONMENTAL CONTROLS, AND ICT)</p> <p>1.1. The company has more than 5 reference letters = 35</p> <p>1.2. The company has 4 reference letters = 30</p> <p>1.3. The company has 3 reference letters = 25</p> <p>1.4. The company has less than 3 reference letters = 0</p>	<u>35</u>
<p>2. IT OR ELECTRONIC TEAM EXPERIENCE</p> <p>2.1. Lead IT/ Electronics Personnel with Diploma or higher in IT/Electronics and 5-year or more experience = 15</p> <p>2.2. Lead IT/ Electronics Personnel with Diploma or higher in IT/ Electronics and 3-year experience = 10</p> <p>2.3. Lead IT/ Electronics Personnel with Diploma or higher in IT/ Electronics and 2-year experience = 5</p> <p>2.4. Lead IT/ Electronics Personnel with Diploma or higher in IT/ Electronics less than 2-year experience = 0</p>	<u>15</u>
<p>3. THE PROJECT TEAM</p> <p>3.1. <u>Project manager with the following qualifications in IT or Engineering</u></p> <p>3.1.1. BSC, B.Eng. or B-Tec = 10</p> <p>3.1.2. Diploma/Certified Project Management Practitioner Certificate = 5</p> <p>3.1.3. Noncompliance with the above = 0</p> <p>3.2. <u>Project manager work experience with contactable references (Attach CV)</u></p> <p>3.2.1. Project Manager with 5 or more years' experience = 10</p> <p>3.2.2. Project Manager with 3 to 4 years' experience = 8</p> <p>3.2.3. Project Manager with less than 3 years' experience = 0</p> <p>3.3. <u>Construction supervisor with contactable references as follows (Attach CV)</u></p> <p>3.3.1. Supervisor with 5 or more years' construction experience = 10</p> <p>3.3.2. Supervisor with 3 to 4 years construction experience = 5</p> <p>3.3.3. Supervisor with 2 years' experience = 4</p> <p>3.3.4. Supervisor with less than 2 years' experience = 0</p>	30

CRITERIA REQUIREMENT	WEIGHT/ POINTS
<p>4. ELECTRICIAN'S EXPERIENCE</p> <p>4.1. The electrical personnel with Wireman's licence and more than 5 years' experience in the electrical field = 20</p> <p>4.2. The electrical personnel with Wireman's licence or higher and 3 to 4 years electrical experience = 15</p> <p>4.3. The electrical personnel with Wireman's licence and 2 years electrical experience = 10</p> <p>4.4. The electrical personnel have no Wireman's licence = 0</p>	<u>20</u>
TOTAL POINTS	100

11.1.3. STEP 3 - EVALUATION ON PRICE AND SPECIFIC GOALS:

a) Price Calculations

The following formula must be used to calculate points out of 80 for price in respect of an invitation for a tender with a rand value from R 2000.00 to or below R50 millions inclusive of all applicable taxes:

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

Where

P_s = Points scored for price of bid under consideration

P_t = Price of bid or offer under consideration

P_{min} = Price of lowest acceptable bid or offer.

b) Allocation of Preference Points Based on Specific Goals.

The South African Nursing Council tenders will be evaluated on the following specific goals premised on addressing the legacy of apartheid's historical injustices, with a consideration on the following categories (of Historically Disadvantaged People - HDP) using race, gender, youth, and people with disability.

A maximum of 20 points may be awarded to a tenderer for the specific goal specified for the tender. The points scored for the specific goal must be added to the points for price and the total must be rounded off to the nearest two decimal places. Subject to section 2(1)(f) of the Act, the contract must be awarded to the tenderer scoring the highest points.

Preferential points will be allocated as per table below:

Specific goal	80/20 Preference Point system
Black Ownership	8
Black Women Ownership	4
Black Youth Ownership	4
Disability Ownership	4
Total Points allocated to Specific Goals	20

Black Ownership points will be awarded to a Tenderer who has a 51% or more black ownership. Black ownership will be determined by the % of the enterprise owned by such a person or by the % of shares owned by members who are actively involved in the day-to-day activities of the company or enterprise.

Preferential points for black ownership will be awarded as follows:

Black Ownership	80/20 Preference Point system
Tenderers who have 100% black ownership	8
Tenderers who have 51% to 99% black ownership	5
Tenderer who has less than 51% black ownership	0

Black women ownership points will be awarded to a Tenderer who has a 30% or more black women ownership. Black women ownership will be determined by the % of the enterprise owned by such a person or by the % of shares owned by members who are actively involved in the day-to-day activities of the company or enterprise.

Preferential points for black women ownership will be awarded as follows:

Black Women Ownership	80/20 Preference Point system
Tenderers who have 100% black women ownership	4
Tenderers who have 30% to 99% black women ownership	2
Tenderers who have less than 30% black women ownership	0

Black youth ownership points will be awarded to a Tenderer who has a 30% or more black youth ownership. Black youth ownership will be determined by the % of the enterprise owned by such a person or by the % of shares owned by members who are actively involved in the day-to-day activities of the company or enterprise.

Preferential points for black youth ownership will be awarded as follows:

Black Youth Ownership	80/20 Preference Point system
Tenderers who have 100% black youth ownership	4
Tenderers who have 30% to 99% black youth ownership	2
Tenderers who have less than 30% black youth ownership	0

Disability Ownership points will be awarded to a Tenderer who has a 20% or more disability ownership owners. Disability ownership will be determined by the % of the enterprise owned by such a person or by the % of shares owned by members who are actively involved in the day-to-day activities of the company or enterprise.

Preferential points for disability ownership will be awarded as follows:

Disability Ownership	80/20 Preference Point system
Tenderers who have 20% or more owners with disability	4
Tenderers who have less than 20% owners with disability	2
Tenderers who have 0% owners with disability	0

PRICE 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

Name of bidder _____	Bid number: <u>SCM 03/2023/SANC</u>
Closing Time <u>12H00</u>	Closing date: <u>27 JUNE 2023</u>

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
Building Works <ul style="list-style-type: none"> • Server Room Construction • Low Voltage (LV) Room & Generator Area 	1	R	R
Server room Fitment	1	R	R
Electrical Installation and COC	1	R	R
HVAC	1	R	R
General	1	R	R
5-year maintenance	1	R	R
TOTAL PRICE EXCLUSIVE OF VAT			R
VAT			R
TOTAL PRICE INCLUSIVE OF VAT			R

NB: THIS PRICE SCHEDULE BROUGHT FORWARD FROM THE BOQ FORMING PART OF THIS DOCUMENT. A DETAILED BOQ ATTACHED AS ANNEXURE 1

Required by (End-User): Required at (Address): Brand and model (if applicable): Country of origin (if applicable): Guarantee period (if applicable):	ICT Department Cecilia Makiwane Building 602 Pretorius Street Arcadia, Pretorius 0083
--	--

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

Iconfirm 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 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000.00 (all applicable taxes included).

1.2 **To be completed by the organ of state**

- a) The applicable preference point system for this tender is the 80/20 preference point system.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim regarding preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation.

- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

$$Ps = 80 \left(1 - \frac{Pt - Pmin}{Pmin} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

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

80/20

$$Ps = 80 \left(1 + \frac{Pt - Pmax}{Pmax} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this

tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Description of the goals	Number of points allocated (80/20 system)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Black Ownership	Tenderers who have 100% black ownership	8	
	Tenderers who have 51% to 99% black ownership	5	
	Tenderers who have less than 51% black ownership	0	
Black Women Ownership	Tenderers who have 100% black women ownership	4	
	Tenderers who have 30% to 99% black women ownership	2	
	Tenderers who have less than 30% black women ownership	0	
Black Youth Ownership	Tenderers who have 100% black youth ownership	4	
	Tenderers who have 30% to 99% black youth ownership	2	
	Tenderers who have less than 30% black youth ownership	0	

The specific goals allocated points in terms of this tender	Description of the goals	Number of points allocated (80/20 system)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Disability Ownership	Tenderers who have 20% or more owners with disability	4	
	Tenderers who have less than 20% owners with disability	2	
	Tenderers who have 0% owners with disability	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One-person business/sole propriety
- Close corporation
- Public Company
- Personal Liability Company
- (Pty) Limited
- Non-Profit Company
- State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering 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 tenderer or contractor, its shareholders, and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution, if deemed necessary.

.....	
SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:
DATE:
ADDRESS:

BIDDER’S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder’s declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

3 DECLARATION

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read, and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 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 consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 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.
- 3.5 There have been no consultations, communications, agreements, or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 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 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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.
I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill, and knowledge in an activity for the execution of a contract.