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SUPPLY CHAIN MANAGEMENT

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NWDOH 19/2026: SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF A HYBRID BI-PLANE CATHETERIZATION LABORATORY (CATH-LAB) IMAGING SYSTEM IN JOB SHIMANKANA TABANE TERTIARY HOSPITAL (JST) OF THE NORTH WEST PROVINCE.

Open bids are hereby invited for supply, delivery, installation and commissioning of a hybrid bi-plane catheterization laboratory (Cath-Lab) imaging system in Job Shimankana Tabane Tertiary Hospital (JST) of the North West Province

The conditions contained in the Preferential Procurement Policy Framework Act and 2022 PPPFA Regulations, National Treasury Implementation Guide: Preferential Procurement Regulations 2022, the General Conditions of Contract (GCC) and/ NEC 3 Engineering & Construction Contract, i.e. Annexure "A" and the attached bid forms, as well as any other conditions accompanying this invitation, are applicable.

1. The work procedure the bidder proposes to follow in order to obtain the required result must be clearly outlined and its terms may not conflict with those contained in the General Conditions of Contract.
2. All the documents accompanying this invitation to bid must be completed in detail where applicable, and together with all documentation required in considering the bid, be sealed in an envelope and be deposited in the bid box before the closing date and time.
3. The proposals in a sealed envelope and marked with the Bid Number , Company Name, Closing Date and Closing Time should be deposited in the Bid Box situated at the entrance of the **Department of Health North West, New Office Park Building, Ground floor, Corner First Street and Sekame, Mmabatho [Behind the Crossing Mall]. No correspondence will be entered into regarding non-submission/ attachment of required documents after bid closure. Failure to submit all the required documents will render your bid non-responsive**
4. Duly completed and signed original bid documents issued by the Department should be sealed in an envelope marked:

Bid number : NWDOH 19/2026

Company Name :

Closing date : 08 OCTOBER 2026

Closing time : 11H00

Technical enquiries:

1. **Job Shimankana Tabane Hospital (JST) Radiology Manager: Ms. Precious Seabi – 068 802 4238 pseabi@nwp.gov.za**

2. **Ms. Neo Mathale (JST) – 072 929 3931** pmotlailai@nwpq.gov.za
3. **Mr. B.K Khumalo – 060 973 3456** bethuelkhumalo@nwpq.gov.za
4. **Ms. Matsadike Ramaboa – 082 746 3766**

No telegraphic or facsimile bids will be considered.

5. In terms of the PFMA Treasury Regulations 2005;-

A. Regulation 16A9. 1 [e] and [f] the Accounting Officer of the Department may-

- i. Reject a proposal for the award of a contract if the recommended bidder has committed a corrupt or fraudulent act in competing for the particular contract, or
- ii. Cancel a contract awarded to a supplier of goods or services
 - If the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract, or
 - If any official or other role-player committed any corrupt or fraudulent act during the bidding process or the execution of that contract that benefitted that supplier.

B. Regulation 16A9.2 [a] and [b] the accounting officer or accounting authority-

- i. May disregard the bid of any bidder if that bidder, or any of its directors-
 - Have abused the institution's supply chain management system
 - Have committed fraud or any other improper conduct in relation to such system.

C. Bidders may NOT buy gifts for or ask for cell phone numbers from Bid Committee Members or contract managers during briefing sessions, evaluation and adjudication of bids. In terms of the NATIONAL TREASURY MINUTE3/3/3/2/10 DATED 23 APRIL 2006-CODE OF CONDUCT FOR BID ADJUDICATION COMMITTEES governing the Conduct of all Bid Committees, Stakeholders and SCM Practitioners involved in the SCM processes:-

- i. Bid information and documentation are confidential
- ii. No unauthorized communication should be made with a bidder/contractor by any member, stakeholder or SCM Practitioner prior to or after any meeting during the evaluation and adjudication of bids

D. IN TERMS OF THE NATIONAL TREASURY SCM PRACTICE NOTE NUMBER: SCM 4 OF 2003; CODE OF CONDUCT FOR SUPPLY CHAIN MANAGEMENT PRACTITIONERS -

"6.5. No person should:-

"6.5.1 Interfere with the supply chain management system of an Institution

"6.5.2 Amend or tamper with any bid after its submission

6. Bidders should ensure that all the relevant documentation required in considering bids are submitted. **Failure to submit all the required documents may render your bid non-responsive**
7. The Department will not be held responsible for missing or duplicated documents. **Bidders are required to sign, number sequentially and initial on each page of the bidding documents. Bid documents must be binded.**
8. It is the ultimate responsibility of every bidder to ensure that his/her bid is duly deposited in the Bid Box situated at the entrance of the Department of Health North West, New Office Park Building, Ground floor, Corner First Street and Sekame, Mmabatho on time before the closing date and time. **The Department of Health shall not be held responsible for any couriered bid documents that do not reach the Bid Box by the Closing date and time. – Couriered documents must be deposited in the bid box by Couriers before the closing date and time. No correspondence will be entered into regarding late bids and couriered documents that were not deposited in the bid box by the bid closing date and time.**
9. The Department of Health reserves the right to award any bid in whole or in part and the Department **does not bind itself to accept the lowest or any bid in whole and price alone is not a determining factor.**
10. National Treasury has per Circular no 3 OF 2015/2016 given instructions to all PFMA Institutions that with effect from 01 April 2016, no quotation or bid may be awarded to any supplier who is not registered as a Prospective Supplier on the National Treasury Central Service Provider Database [CSD]. If you are not registered proceed to complete the registration of your company prior to submitting your bid. Refer to <https://secure.csd.gov.za/> to register your company. Ensure that all documentation on the database are updated and valid. Bidders should further note that the Central Supplier Database (CSD) will be utilized to confirm compliance to tax and other related matters. It is therefore the bidder's responsibility to ensure compliance in all respects.
11. For more information please contact the following:

ADMINISTRATION ENQUIRES:

- Ms N. Tshabalala/ Ms R Setena 018 391 4386/4559
nsegwabanyane@nwpg.gov.za

TECHNICAL ENQUIRIES:

1. **Job Shimankana Tabane Hospital (JST) Radiology Manager: Ms. Precious Seabi – 068 802 4238 pseabi@nwpq.gov.za**
2. **Ms. Neo Mathale (JST) – 072 929 3931 pmotlailai@nwpq.gov.za**
3. **Mr. B.K Khumalo – 060 973 3456 bethuelkhumalo@nwpq.gov.za**
4. **Ms. Matsadike Ramaboa – 082 746 3766**

Potential bidder(s) must reduce all telephonic enquiries to writing and send them to the above email addresses.

12. CONDITIONS TO BID

This bid is issued under the condition that the bidder should at any stage during production or execution or on completion of the bid be subject to inspection. The premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by the representative of the Department of Health or organization acting on behalf of the State. The bidder shall provide, if required, all required facilities for inspections, tests and analysis of the land available, apparatus which may be required for the purpose of such inspection, tests and analysis free of charge unless otherwise specified. The bidder also agrees that the financial standing of the bidder may be examined as part of the inspection

13. RISK ANALYSIS

A risk analysis as per applicable legislation and prescripts shall be used to establish the competency and ability of the successful bidder for the project

14. BID CONDITIONS

- a) Late bids will not be considered. Please note that bids are late if they are received at the address given in the bid document after the bid closing date and time.
- b) Bids will be valid for a period of 120 days.
- c) All bid prices must be quoted in South African currency and must be VAT inclusive.
- d) All the Relevant Forms attached to this bid document must be completed and signed in black ink where applicable by a duly authorized official. Use of tippex and pencil in the bid document are not allowed. Where cancellation has been made, bidders should endorse with a signatures

15. BID ADMINISTRATION DOCUMENTS TO BE SUBMITTED BY ALL BIDDERS:

National Treasury has per **PFMA SCM INSTRUCTION NO.9 OF 2022/2023 MANDOTRY UTILISATION OF THE E-TENDER PORTAL FOR PUBLICATION OF BID OPPORTUNITIES, BID AWARDS AND ANY BID RELATED NOTIFICATIONS DATED 13 OCT 2022** prescribed the mandatory advertisement of bids on the e-tender Publication Portal by all departments. Constitutional institutions and public entities listed In Schedules 2 and 3 to the Public Finance Management Act

(PFMA). 1999 (Act No.1 of 1999), hereafter referred to as PFMA compliant institutions. This application is aimed at ensuring that all potential service providers have easy access to advertised bids and are provided with an opportunity to supply PFMA compliant institutions with goods and services, as they may require. With effect from 1 Nov 2022, all PFMA compliant institutions must submit the following information to the relevant treasury's e-Tender Publication Administrator in support its advertisement:

- a) Bid description;
- b) Bid number;
- c) Name of the PFMA compliant institution;
- d) The place where the bid is required;
- e) The closing date and time of the bid;
- f) The PFMA compliant institution's contact details (postal and physical address, Telephone number, etc.);
- g) The place where bids can be collected;
- h) The place where bids should be delivered; and
- i) The bid document, that is,
 - Invitation to Bid-which explains the bid administration requirements and the evaluation criteria, to be complied with by all bidders.
 - SBD Forms Prescribed by National Treasury- to be completed by all Bidders without exception
 - Technical Bid Specifications/Terms of Reference or Bill of Quantities requirements - depending on the technical nature of the bid.

16. BID ADMINISTRATIVE REQUIREMENTS/CRITERIA TO BE USED IN EVALUATING A BID

The National Treasury **Supply Chain Management Circular Ref 3/4/3/2/10 dated 10 May 2005**: Page 2 Paragraph 1 stipulates that "Bids may only be evaluated in accordance with the evaluation Criteria stipulated in the bid documentation"

All the under-mentioned documentation /criteria required to evaluate this bid must be sealed in an envelope and be deposited in the bid box before the closing date and time.

ALL BIDDERS ARE REQUIRED TO ENSURE THAT THE FOLLOWING DOCUMENTS ARE ATTACHED:-

- (a) Original, fully completed and signed applicable SBD Bid Documents and Preference Claim Forms in terms of the Preferential Procurements Regulations and National Treasury SCM prescripts. **NB. All Bidders are required to fully complete the SBD forms (SBD form 1, 3.2, 4, 6.1,) as required by the National Treasury PFMA prescripts and the PPPFA Regulations AND to fully complete all other forms as required by the specification, without fail.**
- (b) Copies of Identity Documents of the Directors / Main Shareholders of the company.
- (c) Copy of Valid Tax Clearance Certificate/ Tax Compliance Status PIN or CSD Report- The Department will also verify the tax compliance status of bidder

- (d) Bidders are requested to download the tender document from the E-tender website: www.etenders.gov.za at no cost.

Bank Name : ABSA
Account Name : NW Health
Account Holder : NWPG
Branch Code : 632005
Account Number : 41-1181-1655
Account Type : Cheque Account

- (e) Copy of Company Registration Certificate from the Registrar of Companies of all Parties indicating the names of directors or main shareholders of the company. **NB The old Company Registration certificates issued in terms of the repealed 1973 Companies Act which do not show the company Directors' names are not acceptable. All bidders are required to submit the updated Company Registration Certificates issued by the Registrar of Companies in terms of the 2008 Companies Act, that is, a complete certificates which indicate the names of all Directors or main shareholders of the Company.**
- (f) Bidders are required to submit a valid B-BBEE Status level Verification Certificate or copies thereof, together with their bids, to substantiate their B-BBEE rating claims.
An EME is required to submit a sworn affidavit confirming their annual total revenue of R10 MILLION or less
- (g) Bidders who do not submit B-BBEE Status level Verification Certificates, a sworn affidavit or are non-compliant contributors to B-BBEE do not qualify for preference points for B-BBEE but shall not be disqualified from the bidding process, but will score points out of price only and zero [0] points out of B-BBEE.
- (h) **In the case of joint venture (JV) or Consortium the following documents must be attached to the Bid documents:-**
- Copy of Valid Tax Clearance Certificate pin of all Partners- / Tax Compliance Status PIN or CSD report- The Department will also verify the tax compliance status of bidder
 - Copies of Identity Documents of all Directors / Main Shareholders of the company.-
 - Joint venture agreement duly signed by all parties
 - A certificate or agreement regarding shareholder -ship of members
 - Copies of Company Registration Certificates from the Registrar of Companies of all Parties to a Joint Venture indicating the names of directors or main shareholders of the companies to the joint venture.-**NB The old Company Registration certificates issued in**

terms of the repealed 1973 Companies Act which do not show the company Directors 'names are not acceptable. All bidders are required to submit the updated Company Registration Certificates issued by the Registrar of Companies in terms of the 2008 Companies Act, that is, a complete certificates which indicate the names of all Directors or main shareholders of the Company

- Copy of valid consolidated B-BBEE Status level verification Certificate.-An EME is required to submit a sworn affidavit confirming their annual total revenue of R10 MILLION or less -Bidders who do not submit B-BBEE Status level Verification Certificates , a sworn affidavit or are non-compliant contributors to B-BBEE do not qualify for preference points for B-BBEE but shall not be disqualified from the bidding process , but will score points out of price only and zero [0] points out of B-BBEE
- (i) A Trust, consortium or a joint venture are required to submit a Consolidated-BBEEE Status Level Verification Certificate for every separate bid
- (j) Public entities and tertiary institutions are required to submit B-BBEE Status level verification certificates together with their bids

All the bid documents should be completed, signed and sealed in an envelope and deposited in the Bid Box, situated at the entrance of the **Department of Health North West, New Office Park Building, Ground Floor, Corner First Street and Sekame, Mmabatho.**

17. VALIDITY OF B-BBEE STATUS LEVEL VERIFICATION CERTIFICATES

- AO/AAs must ensure that the B-BBEE Status Level Verification Certificates submitted are issued by the following agencies:
 - Tenderers other than EMEs
 - I. Verification agencies accredited by SANAS; or
 - Tenderers who qualify as EMEs
 - II. Sworn affidavit signed by the EME representative and attested by a Commissioner of oaths.

18.1 Verification agencies accredited by SANAS

- 18.1.1 These certificates are identifiable by a SANAS logo and a unique BVA number.
- 18.1.2 Confirmation of the validity of a B-BBEE Status Level Verification Certification can be done by tracing the name of the issuing Verification Agency to the list of all SANAS accredited agencies. The list is accessible on http://www.sanas.co.za/directory/bbee_default.php

- 18.1.3. The relevant BVA may be contacted to confirm whether such a certificate is valid.
- 18.1.4 As a minimum requirement, all valid B-BBEE Status Level Verification Certificates should have the following information detailed on the face of the certificate:
- The name and physical location of the measured entity
 - The registration number and, where applicable, the VAT number of the measured entity;
 - The date of issue and date expiry;
 - The certification number for identification and reference;
 - The scorecard that was used (for example QSE, Specialized or Generic);
 - The name and / or logo of the Verification Agency;
 - The SANAS logo
 - The certificate must be signed by the authorized person from the Verification Agency; and
 - The B-BBEE Status Level of Contribution obtained by the measured entity

19. VERIFICATION OF B-BBEE LEVELS IN RESPECT OF EMEs

- 19.1. In terms of the Generic Codes Practice, an enterprise including a sole propriety with annual total revenue of R10 million or less qualifies as an EME
- 19.2 In instances where Sector Charters are developed to address the transformation challenges of specific sectors or industries, the threshold for qualification as an EME may be different from the generic threshold of R10 million. In such instances, the relevant sector Charter threshold will therefore be used as a basis for a potential bidder to qualify as an EME. (For example the approved threshold for EMEs for the Tourism and Construction Sector Charters are R2.5 million and R1.5 million respectively)
- 19.3 An EME is required to submit a sworn affidavit confirming their annual total revenue of R10 million or less and level of black ownership to claim points as prescribed by regulation 6 and 7 of the preferential procurement regulations 2017.
- 19.4 An EME that is regarded as a Specialized Enterprise is required to submit a sworn affidavit confirming their annual turnover/allocated budget/ gross receipt of R10 million or
- 19.5 An EME may be measured in terms of the QSE scorecard should they wish to maximize their points and move to a higher B-BBEE recognition level. It is this context that an EME may submit a B-BBEE verification certificate

20. EVALUATION CRITERIA FOR THIS BID IS AS FOLLOWS:

80 = Price (NOTE: All bid price/should be VAT inclusive)

20 = Preferential points (Points will be allocated according to the below table)

Specific Goals	Procurement Transaction Preference Points allocated out of 20
B-BBEE Status level of Contributor	10
1	10
2	9
3, 4, 5, 6, 7, 8 and Non-compliant contributor	0
Enterprises located in a specific province for work to be done or services to be rendered in that area (Mandatory)	4
Residing within the North West Province where the service is required.	4
Residing outside the North West Province	0
Designated Groups (any bid that meets 1 or more of the 5 will get the maximum points)	6
- Enterprises 51% owned by black women. - Enterprises 51% owned by people with disability - Enterprises 51% owned by black youth. - Enterprises 51% owned by military veterans - Registered Cooperatives within the North West department of Health database	6

NB: Points will be allocated to all those who submitted their BBBEE verification certificates/Sworn Affidavit and Confirmation of preferred address on CSD will be checked and printed by the SCM Practitioner for locality points.

CHIEF DIRECTOR: SUPPLY CHAIN MANAGEMENT

DATE:

20260901

COMPLIANCE CHECKLIST

NB. THE BIDDERS MUST COMPLETE THE CHECKLIST TO VERIFY/CONFIRM WHETHER A BIDDER HAS ATTACHED ALL OF THE BID ADMINISTRATIVE REQUIREMENTS

NO	REQUIREMENT	HAVE YOU ATTACHED Answer Yes or No
1	Compulsory Briefing session	N/A
2	General Revenue Receipt should be attached by all bidders who obtained hardcopy bid documentation at the Offices of the Health Department-.Original Bank Deposit slip or Electronic Transfer printout receipt reflecting the name of the Bidder and Bid Number. NB-Bidders who download the bid documentation from the E-Tender Website are exempted from this requirement. Bidders are encouraged to download the bid documentation from the E-Tender Website	
3	Original, fully Completed and signed applicable Bid Documents and Preference Claim Forms in terms of the Preferential Procurement Regulations. NB. All Bidders are required to fully complete the SBD forms as required by the National Treasury PFMA prescripts and the 2022 PPPFA Regulations <u>AND</u> fully complete all other forms as required by the specification, without fail. Any bidder having not complied with these requirements shall be disqualified. [Each of the following SBD form must be fully completed and signed.]	
3.1	Availability of signed and fully completed SBD 1- Invitation to bid	
3.2	Availability of signed and fully completed SBD 3.2 – Non Firm Price	
3.3	Availability of signed and fully completed SBD 4- Declaration of Interest. Complete and sign the supplied hard copy with the bid at the closing date and time. (Must declare other companies that they own. Refer to Paragraph 2.3). in case of joint venture, both companies should complete separate SBD forms	
3.4	Availability of signed and fully completed SBD 6.1 - Preference Points Claim Form in Terms of the Preferential Procurement Regulations 2022 Non-claiming of points on this form will lead to zero (0) even if supporting documentation is attached	
4	Copies of Identity Documents of all Directors / Main Shareholders of the company.-	

5	Copy of Valid Tax Clearance Certificate / Tax Compliance Status PIN or CSD Report- Indicate the expiry date[s] of all the TCC The Department will also verify the tax compliance status of bidder	
6	Copy of Company Registration Certificate from the Registrar of Companies of all Parties indicating the names of directors or main shareholders of the company. NB The old Company Registration certificates issued in terms of the repealed 1973 Companies Act which do not show the company Directors 'names are not acceptable. All bidders are required to submit the updated Company Registration Certificates issued by the Registrar of Companies in terms of the 2008 Companies Act, that is, a complete certificates which indicate the names of all Directors or main shareholders of the Company without fail	
7	TOTAL BID PRICE INCLUDING VAT AMOUNT.....	
8	Bidders are required to submit a copy of a valid B-BBEE Status level Verification Certificate copies, together with their bids, to substantiate their B-BBEE rating claims. Confirmation not older than six months. An EME is required to submit a sworn affidavit confirming their annual total revenue of R10 MILLION or less -Bidders who do not submit B-BBEE Status level Verification Certificates , a sworn affidavit or are non-compliant contributors to B-BBEE do not qualify for preference points for B-BBEE but shall not be disqualified from the bidding process , but will score points out of price only and zero [0] points out of B-BBEE	
9 IN THE CASE OF JOINT VENTURE (JV) OR CONSORTIUM THE FOLLOWING DOCUMENTS MUST BE ATTACHED TO THE BID DOCUMENTS		
9.1	Copy of a valid Tax Clearance Certificate of all Partners- / Tax Compliance Status PIN or CSD report- The Department will also verify the tax compliance status of bidder Indicate the expiry date[s] of all the TCC of the JV partners.	
9.2	Copies of Identity Documents of all Directors / Main Shareholders of all Parties to the Joint Venture.	
9.3	Joint venture agreement duly signed by all parties	

9.4	General Revenue Receipt should be attached by all bidders who obtained hardcopy bid documentation at the Offices of the Health Department.-Original Bank Deposit slip or Electronic Transfer printout receipt reflecting the name of the Bidder and Bid Number NB–Bidders who download the bid documentation from the E-Tender Website are exempted from this requirement	
9.5	Copies of Company Registration Certificates from the Registrar of Companies of all Parties to a Joint Venture indicating the names of directors or main shareholders of the companies to the joint venture.- NB The old Company Registration certificates issued in terms of the repealed 1973 Companies Act which do not show the company Directors 'names are not acceptable. All bidders are required to submit the updated Company Registration Certificates issued by the Registrar of Companies in terms of the 2008 Companies Act, that is, certificates which indicate the names of all Directors or main shareholders of the Company, without fail.	
9.6	Copy of a valid Consolidated B-BBEE Status level verification Certificate or confirmation letter. An EME is required to submit a sworn affidavit confirming their annual total revenue of R10 MILLION or less Bidders who do not submit B-BBEE Status level Verification Certificates , a sworn affidavit or are non-compliant contributors to B-BBEE do not qualify for preference points for B-BBEE but shall not be disqualified from the bidding process , but will score points out of price only and zero [0] points out of B-BBEE	
10	A Trust, consortium or a joint venture are required to submit a consolidated B-BBEE Status Level Verification Certificate for every separate bid	
11	Public entities and tertiary institutions are required to submit B-BBEE Status level verification certificates together with their bids	
12	Duly completed and signed original bid documents issued by the Department should be sealed in an envelope marked: Bid number : NWDOH 19/2026 Company Name : Closing date : 08 OCTOBER 2026 Closing time : 11H00	
13	Address and contact details:	

SIGNATURE BY BIDDER:

DATE:

Ground Floor,
Health Office Park
Private Bag X 2068
MMABATHO**DEPARTMENTAL BID ADJUDICATION
COMMITTEE**Enq: Ms G. Setshedi
Tel no: 018 391 4374/4514
Email:Gmalwane@nwpg.gov.z**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF A HYBRID BI-PLANE CATHETERIZATION LABORATORY (CATH-LAB) IMAGING SYSTEM IN JOB SHIMANKANA TABANE TERTIARY HOSPITAL (JST) OF THE NORTH WEST PROVINCE .****PURPOSE OF BID:**

To advertise supply, delivery, installation and commissioning of a Hybrid Bi-plane catheterization system for interventional cardiology and vascular in Job Shimankana Tabane Tertiary Hospital (JST) of the North West Province.

2. BACKGROUND INFORMATION:

- 2.1. Job Shimankana Tabane tertiary hospital is mandated to expand its tertiary services.
- 2.2. Patients who need Catheter Laboratory services are referred to private hospital at a fee.
- 2.3. The Job Shimankana Tabane tertiary hospital has Cardiac, Surgical and Paeds cardiac departments and specialist doctors who require the service of a Cath-lab imaging machine.
- 2.4. The hospital provides these services to the community of the North West province.
- 2.5. The establishment of a catheterization laboratory is key to improving diagnosis and treatment of different ailments including cancer involving cardiology, vascular surgery, surgical gastroenterology and radiology.

3. EXPECTED DELIVERABLES AND OUTCOMES:

- 3.1. A Hybrid Biplane catheterization laboratory.
- 3.2. A control room.
- 3.3. A recovery area and respective equipment.
- 3.4. A technical room including UPS.
- 3.5. A scrub room.
- 3.6. Nursing station.
- 3.7. A laser printer.
- 3.8. An injector.
- 3.9. Theatre lights.
- 3.10. Electrosurgical machine.
- 3.11. Ultrasound machine.
- 3.12. Video intubation laryngoscope.

- 3.13. Anesthetic machine.
- 3.14. High flow machine.
- 3.15. Suction machines.
- 3.16. Defibrillators.
- 3.17. Vital signs monitors.
- 3.18. A medical gas pendant and theater wall panel.
- 3.19. A mini Picture Archiving and Communications System (PACS).
- 3.20. Development of new infrastructure and alteration/renovation of current structure to accommodate the catheterization laboratory, the technical room, the scrub area, the control room and the UPS in JST Hospital.
- 3.21. The above will help the hospital with:
 - 3.21.1 Improve theatre and diagnostic imaging services to the community.
 - 3.21.2 Improved patient outcomes.
 - 3.21.3 Increase the capacity, speed and volume of the service rendered to patient.

4. TIMEFRAME

Six (6) months.

5. SPECIAL CONDITIONS

- 5.1 The department reserves the right to award the bid in whole or in part.
- 5.2 The Department reserves the right to conduct price negotiations, where deemed necessary before and post award.
- 5.3 All records, data and information emanating from the contract shall remain the intellectual Property of the department and must be treated as confidential by the Service Provider.
- 5.4 At the end of the contract period, the service provider shall make available to the Department a record of all the data and information related to the contract.
- 5.5 The bidder must quote for the equipment as indicated on the pricing schedule of the technical specifications.
- 5.6 The price charged by the bidder must be including VAT.
- 5.7 The bidder to ensure that the room alterations comply with norms and standards and must be certified by the relevant hospital authority as specified in the bidder requirements.
- 5.8 Bidder must note that the department reserves a right to make a determination of what constitute a better offer based on their expert review of the bid reply.

6. EVALUATION OF THE BID

- 6.1 The submission from the service provider will be evaluated in terms of the 80/20-point system as stipulated in the Preferential Procurement Policy Framework Act (Act 5 of 2000) and the Department's Preferential Procurement Policy.

6.2 The bids will be evaluated on four (4) phases:

Phase 1: Administrative Compliance

Phase 2: Bidder Requirements

Phase 3: Functionality

Phase 4: 80/20 Preference Point System

6.3 Phase 1: Administrative Compliance:

6.3.1 The below administrative bidding requirements shall be complied with and required documents must be attached before consideration for further evaluation.

6.3.2 Without limiting the generality of NWDOH's other critical requirements for this Bid, bidder(s) must submit the documents listed in Table below. All documents must be completed and signed by the duly authorized representative of the prospective bidder(s). During this phase Bidders' responses will be evaluated based on compliance with the listed administration and mandatory bid requirements. The bidder(s) proposal may be disqualified for non-submission of any of the documents.

Documents	Non-submission and partial completion will result in disqualification	Requirements
Invitation to Bid – SBD 1	YES	Complete and sign the supplied pro forma document
Pricing Schedule – SBD 3.2	YES	Complete and sign the supplied pro forma document
Bidders Disclosure – SBD 4	YES	Complete and sign the supplied hard copy with the bid at the closing date and time. (Must declare other companies that they own. Refer to Paragraph 2.3). in case of joint venture, both companies should complete separate SBD forms
Preference Point Claim Form – SBD 6.1	NO	Non-Returnable of the supplied pro forma document will not lead to Disqualification. Non-claiming of points on this form will lead to zero (0) even if supporting documentation is attached

6.3.3 Bidders must ensure that they meet the following requirements before the bid can be awarded:

<u>Criteria</u>	<u>Requirement</u>
Tax compliance status	• Bidder must be tax compliant before the bid is awarded, • It is compulsory for a person to register for VAT if the value of taxable supplies made or to be made, is more than R1 million

Criteria	Requirement
Identity number (s) or directors	Must all be active
Business registration	Entity must be in business
Company registration with central supplier database (CSD)	Bidders must be registered as a service provider on the Central Supplier Database (CSD). If not registered must proceed to complete the registration prior to submitting your proposal. Visit https://secure.csd.gov.za/ to obtain your vendor number. Attach detailed CSD registration document NB: Any changes in the Bidder's details on the Central Suppliers Database are the sole responsibility of the bidder
In the service of the state status	Bid will not consider if Shareholders or directors are employed by state /government departments, municipalities, municipal entities, public entities unless the approval from executive authority to do remunerative work outside public service and to do business with the state is submitted with the proposal.
Tender defaulting and restriction status	Entity and directors must not be restricted.

6.4 Phase 2: Bidder requirements

- 6.4.1 A detailed proposal, including any required building alterations and a room layout/installation plan must be submitted with the bid. The bidder must contact the designated contact person (Job Shimankana Tabane hospital Radiology unit Manager) to arrange and conduct a compulsory site feasibility assessment.
- 6.4.2 All proposed architectural drawings, building alteration plans, and installation layouts must be reviewed and approved by the appointed person (Job Shimankana Tabane hospital Radiology unit Manager) **signed and stamped**, prior to submission of the bid. Proof of such approval must be included in the bid documentation.
- 6.4.3 The bidder must submit a copy of a valid SAHPRA license issued in terms of the Hazardous Substance Act No 15 of 1973 with the bid (license to manufacture medical devices) issued not older than twelve (12) months.
- 6.4.4 All radiation emitting units offered must be licensed and approved by the South African Health Products Regulation Authority. It must be a separate SAHPRA document from the one specified on item above.
Highlight the units on offer on the list of products approved by SAHPRA.
- 6.4.5 Provide relevant quality assurance certificate for medical equipment (ISO13485).

NB: Failure to meet the above requirements will lead to disqualification

6.5 Phase 3: Functionality = 100 point

- 6.5.1 Only Bidders that have met the Phase 1 and 2 will be evaluated in Phase 3 for functionality.

- 6.5.2** Bidders are required to obtain a minimum of 75 out of 100 points to proceed to the next stage of evaluation, subject to not scoring zero (0) in any category. Any bidder who score zero in any category will be eliminated.
- 6.5.3** As part of due diligence, NWDOH may conduct sites visit at a client of the Bidder (reference) for validation of the services rendered. The choice of the sites will be at the NWDOH`s sole discretion.
- 6.5.4** Functionality will be evaluated In accordance with the Evaluation criteria for functionality listed below.

NO.	CATEGORY	FUNCTIONALITY	CRITERIA	POINTS	WEIGHT
a)	Experience of a bidder in the supply of radiology equipment	Bidder must have experience in the supply, delivery, installation and commissioning of radiology equipment. Attach appointment letter or purchase order or memorandum of understanding (MOU) and reference letter/s for previous supply of radiology equipment (The reference letter must include: Facility Name/ Address/ Contact details/ project date or period and contract value)	Three (3) projects or more Two (2) projects' experience One (1) project Non submission	35 25 18 0	35
b)	Financial Capacity	Bidders are required to submit proof/evidence of financial capacity by providing attach proof of company capability to self-fund (i.e. stamped bank statement not older than three month) NB: The statement should not be older than three months from closing of the bid and only the average of the 3 months balance will	R4 000 001 or more R3 000 001 - R4 000 000 R2 000 001 - R3 000 000 R1 000 001 – R2 000 000 Less than R1 000 000 or no submission of information or letter with no amount	30 25 20 15 0	30

		be considered for allocation of the points.			
c)	Key Personnel Experience	Cath-lab Radiology technician(s) must have a minimum of two (2) years' experience in Cath-Lab radiology equipment installation with a qualification of a diploma or degree in electrical engineering. Attach detailed CV and affidavit giving consent for submission of the CV of each technician outlining previous installation experience of Cath-lab radiology equipment and certified copies of qualification/s.	Four (4) technicians or more Three (3) technicians Two (2) technicians One (1) technician No technician, or technician does not have relevant radiology equipment experience or qualifications.	35 25 20 15 0	35
Total					100

6.6 Phase 4: 80/20 Preference point system

- 80 = Price (A II bid price/should be VAT inclusive)
- 20 = Specific goals (Points will be allocated according to Specific goals table below)

Specific Goals	Procurement Transaction Preference Points allocated out of 20
B-BBEE Status level of Contributor	10
1	10
2	9
3, 4, 5, 6, 7, 8 and Non-compliant contributor	0
Enterprises located in a specific province for work to be done or services to be rendered in that area (Mandatory)	4

Residing within the North West Province where the service is required.	4
Residing outside the North West Province	0
Designated Groups (any bid that meets 1 or more of the 5 will get the maximum points)	6
- Enterprises 51% owned by black women. - Enterprises 51% owned by people with disability - Enterprises 51% owned by black youth. - Enterprises 51% owned by military veterans - Registered Cooperatives within the North West department of Health database	6

NB: Points will be allocated to all those who submitted their BBBEE verification certificates/Sworn Affidavit and Confirmation of preferred address on CSD will be checked and printed by the SCM Practitioner for locality points.

6.7 Technical specification

- The space provided under "Bidder's Comments" for each clause must be used for this purpose. Bidders who neglect to provide answers to every clause in this bid specification will be disqualified. Bidders must note that abbreviated answers e.g. N/A etc. will not be accepted.
- Bidders must also note that no part of any clause/s in this Bid Specification may be altered. Where there are traces of alterations found to any clauses in this Bid Specification during Adjudication, the Adjudication Committee will reserve the right to disqualify the bidder.
- The bidder must clearly indicate if their offered product complies with the required, by indicating "Yes" or "No" or answer the question next to the corresponding clause.
- All responses must be clear and legible.**
- THE BIDDER/S MUST COMPLETE THE TECHNICAL SPECIFICATIONS IN FULL – REFERENCE TO BROCHURE ONLY FOR FURTHER EXPLANATION/ELABORATION**

ITEM NO.	TECHNICAL SPECIFICATIONS	COMPLIES (YES/NO)	COMMENT (do not answer the question with reference to brochure. You can use brochure to explain your answer further)
A	Overview:		
A1	Hybrid Bi-Plane Radiographic/ Fluoroscopic Systems, Angiography/ Interventional Cath-Lab.		
A2	Manufacturer name and brand name.		
A3	Year of first production for model proposed (preference will be given to model not more than 7 years).		
A4	State how long it will take to fully install the system.		
	Modality Details		
1	CATH-LAB		
1.1	A Hybrid Biplane Flat panel detector imaging C- Arm system.		
1.2	Capability to do cardiology, vascular and fully customized to fit a very wide range of diagnostic and interventional cardiology, adults and paediatrics and electrophysiology procedures. Including: Percutaneous coronary intervention, Congenital heart defect correction (e.g. Repair of coarctation of the aorta), ASD and VSD, Left Atrial Appendage Occlusion, Percutaneous valve repair & replacement (e.g. TAVI procedure & mitral valve repair), Electrophysiology Studies ICD, Pacemaker, Ablation.		
1.3	Capability to do cardiac, vascular, neuro, ERCP, paediatric cardiac and interventional radiology.		
1.4	Integrated Pressure monitoring system, Instantaneous Wave-Free Ratio (iFR) and Fractional Flow Reserve (FFR). Integrated iFR to assess whether a stenosis is causing a limitation of blood flow in coronary arteries with subsequent ischemia. Integrated FFR procedure that can accurately measure blood pressure and flow through a specific part of the coronary artery.		
1.5	Integrated intravascular ultrasound (IVUS).		
1.6	Capability to do cardiac, vascular, paediatric cardiac and interventional radiology.		
1.7	Latest Technology Integrated Workstation in Control Room.		
1.8	Latest Technology Integrated Large Screen Monitor in Examination Room/Theatre.		
1.9	Latest technology in automatic stent detection.		
1.10	System must include the following:		

1.10.1	Ceiling suspended and floor mounted C-Arms.		
1.10.2	Patient table.		
1.10.3	Two X-Ray generators.		
1.10.4	Two X-Ray tubes.		
1.10.5	Collimators.		
1.10.6	Digital Flat panel image acquisition detector system.		
1.10.7	Radiation dose saving, dose documentation measures and radiation safety.		
1.10.8	Examination room monitors and controls.		
1.10.9	Control room workstation including printer.		
1.10.10	Integrated haemodynamic recording and information system.		
1.10.11	Digital imaging and post processing.		
1.10.12	Advanced Clinical Tools.		
1.10.13	Standard accessories.		
1.10.14	Dedicated Picture Archiving and Communication System (PACS). Mini PACS must be supplied and compatible to any vendor for posterior integration.		
1.10.15	Laser printer.		
1.10.16	Uninterrupted Power Supply (UPS).		
1.10.17	Additional equipment: theatre lights, anaesthetic machine, suction machine, defibrillator, electrosurgical, vital signs monitors, high flow machine, patient warmer, ultrasound machine, video laryngoscope, emergency trolley and injector.		
1.11	Infrastructure specifications.		
2	GANTRY SYSTEM		
2.1	A motorized floor-mounted C-arm stand, and motorized ceiling suspended C-arm stand.		
2.2	Park position of C-arms for free access to the table from all sides during set-up.		
2.3	Frontal stand:		
2.3.1	Motorized movements for all stand positions.		
2.3.2	The depth of the frontal C-arm must be minimum 90cm in order to reach the groin without repositioning of the patient		
2.3.3	C-arm rotation/ speed: standard is 120° Left Anterior Oblique (LAO), 120° Right Anterior Oblique (RAO) up to 25° per sec.		
2.3.4	C-arm angulation/speed: standard is 45° cranial, 45° caudal up to 25° per sec.		
2.3.5	For rotational angio: state rotation speed, rotation angle, and Frame speed.		
2.3.6	Source-image distance minimum 87cm motorized and manual movement. State.		
2.4	Lateral stand:		
2.4.1	Motorized movements for all stand positions.		

2.4.2	Independent rotation and angulation to provide full caudal and cranial angulations is a requirement		
2.4.3	Motorized angulation 45° cranial to 45° caudal is the standard.		
2.5	Free space at head and two sides of patient for easy access during emergency.		
2.6	Automatic work positions of c-arms.		
2.7	Programmable examination positions allows a number of positions that can be stored and recalled per clinical procedure. Please state the number of programmable positions.		
2.8	Patient protection mechanism to protect the patient from unexpected contact between the detector and the body. Describe the method and state the stand positioning in degrees/sec.		
2.9	Park position of C-arm for free access to the table from all sides during set-up.		
2.10	Source-image distance minimum 87cm motorized and manual movement. State.		
3	PATIENT TABLE		
3.1	A dedicated interventional Cardiac X-Ray table, translucent carbon fiber or equivalent for normal catheterization with free floating tabletop that supports a full range of applications must be included.		
3.2	Length minimum 250 cm. Please state the tabletop length in cm.		
3.3	Table width minimum of 45 cm; the tabletop to be tapered towards the chest area for more flexible C-arms positioning towards the heart region.		
3.4	The table top to be tapered towards the chest area for more flexible C-Arm positioning towards the heart region.		
3.5	Table top shall be free floating, radiolucent and made out of carbon fiber or equivalent. Must support the full range of applications.		
3.6	For Trans-radial access, upper extremity angiography, and patient transfer, the table must have a pivot function of -90°/+180° or -180°/90°. Please state the range.		
3.7	Rotation/pivot of patient table with lock mechanism to prevent the table from moving. 90°/+180° or -180°/90°. Please state the range.		
3.8	Iso-centric tilt: Trendelenburg Minimum + and - 15°.		
3.9	Automatic store and recall position control of the C-arm and table height to bring the table back to the original table position without applying additional X-ray dose is a requirement.		
3.10	Longitudinal tabletop movement Minimum 100 cm.		
3.11	Height adjustment must be motorised, minimum 70cm up and down. Please state the range.		
3.12	To support patient weight of minimum 180kg. Please state. Allowance for further weight for CPR. If		

	applicable / needed extra CPR stabilizing table support / pole must be included.		
3.13	The table top shall be sturdy to allow for the resuscitation of patients during emergencies.		
3.14	Table should be able to tilt and synchronize to the C-arm.		
3.15	The table top shall be suitable for angiographic procedures.		
3.16	A patient mattress with a thickness of minimum 5 cm and adapts to the body shape of the patient. Easy to clean.		
3.17	An attachment for a drip stand inclusive of drip stand, detachable arm supports and pads, an extra mattress, radial board and table lead X-Ray protection shall be provided.		
3.18	Strong Arm support to support the patient's arm when a catheter is used for brachial and radial artery access and arm angiography. The support must consist of X-Ray transparent material.		
3.19	All table system controls must be available on the table. And must be able to be attached on any three sides of the table (left side, right side and other).		
3.20	State transverse movement.		
4	X-RAY GENERATORS		
4.1	High frequency micro-processor controlled generator/s.		
4.2	Power must be minimum 100kW.		
4.3	Maximum current minimum 1000 mA at 100 kV. Please state maximum current in mA.		
4.4	Pulsed X-Ray for pulsed fluoroscopy from 3 frames/sec up to 30 frames/sec for vascular applications. Please state frame/s.		
4.5	Pulsed X-Ray frames for digital dynamic exposures. Please state the frames/sec.		
4.6	Must have anatomical programming.		
4.7	Minimum exposure time: 1ms.		
4.8	Pulsed fluoroscopy, single shot and kV reduction technique support.		
4.9	PLEASE STATE RANGE:		
4.9.1	Fluoroscopic screening in kV and mA.		
4.9.2	Acquisition in kV and mA.		
4.9.3	Maximum continuous power in fluoro mode.		
4.9.4	Real time stent enhancement technology.		
5	X-RAY TUBES		
5.1	High speed X-Ray tube with rotating anode.		
5.2	Must have X-Ray tube with rotating anode.		
5.3	Grid-switched pulsed fluoroscopy technology is a requirement.		
5.4	Must have dual or more focal spots.		

5.5	Anode heat storage capacity must be a minimum 3000KHU.		
5.6	Please state Cooling type.		
5.7	Please state inherent filtration.		
6	COLLIMATORS		
6.1	The collimator must facilitate the proper collimation for all proposed applications and adequate filtering for lowest possible skin dose in fluoroscopic and acquisition modes.		
6.2	Must have circular collimation		
6.3	Must have rectangular collimation.		
6.4	Must have semi-transparent blades.		
6.5	The semi-transparent blades must be able to be rotated.		
6.6	The Digital Subtraction Angiography (DSA) semi-transparent blades must be able to be rotated independently.		
6.7	Must have collimation without radiation on Last Image Hold (LIH) image on monitor.		
6.8	The machine must have pre-programmed collimation settings.		
6.9	Last fluoroscopic run to be stored for review.		
6.10	State if there are additional filters for dose reduction.		
6.11	Automatic or pre-setting of the filters according to the absorption of the patient, or as a function of anatomical programme setting.		
6.12	Automatic or pre-setting of the additional filters in fluoro mode or as a function of anatomical program setting.		
6.13	Automatic or pre-setting of the additional filters in acquisition mode or as a function of anatomical program setting.		
6.14	The system must provide feedback on region of interest positioning without using fluoroscopy when the geometry is moved on Last image hold to determine a new centre position		
7	DIGITAL FLAT PANEL IMAGE ACQUISITION DETECTOR SYSTEM		
7.1	A high performance, low dose and high definition flat panel detector system is required. Bidders must state details.		
7.2	Bi-plane / 2 x Dynamic Flat Detectors, which can easily handle complex projections. AP and Lateral systems: Flat panel detectors. Please state detector material.		
7.3	Detector size: minimum 30cm x 30cm.		
7.4	Detector size needs to accommodate for cardiac, paediatric cardiac, vascular, ERCP, neuro and interventional radiology.		
7.5	Detector bit depth minimum 14 bits. Please state.		
7.6	High resolution.		

7.7	Integrated collision protection to stop gantry automatically. Please describe the technology.		
7.8	Removable grid.		
7.9	Image matrix. State pixels at 16 bits depth.		
7.10	Built in temperature stabilizer.		
7.11	Minimum 4 detector zoom fields in cm diagonal square formats. Please state.		
7.12	Minimum 3 pulsed fluoroscopy modes must be available.		
7.13	SMALL Digital radiography detectors with high resolution. State minimum frame rate produced.		
7.14	Single shot exposures must be possible.		
7.15	Digital fluoroscopy should be possible at 1024X1024.		
7.16	Last image hold (LIH) function and instant transfer of fluoroscopy image, both single image and dynamic, to digital storage on a hard disk with minimum 4 GB capacity. State capacity.		
7.17	Storage capacity of minimum 100 000 frames in 1024 X 1024 matrix for immediate access must be available. State capacity.		
7.18	Separate storage for minimum 3000 serial and 600 spot images in 1024 x 1024 matrix on DVD-R should be possible. State details.		
7.19	Backup recording on CD-R and or USB should also be possible.		
7.20	Connection for sending images to a laser imager should utilize a digital or DICOM printing environment.		
7.21	ECG-triggered fluoroscopy must also be included.		
7.22	Trace subtracted roadmapping.		
7.23	Automatic and manual calibration.		
7.24	FUNCTIONALITY MUST ALSO INCLUDE:		
7.24.1	Measuring of distance, angle and area.		
7.24.2	Gray scale inversion.		
7.24.3	Window and centre control.		
7.24.4	Text annotation.		
7.24.5	Minimum 3 x zoom facility required complete with scroll, zoom and cine loop display.		
7.24.6	Horizontal (R/L) and vertical (up/down) image flip.		
7.24.7	Gamma curve selection.		
7.24.8	Should have multi-frame display with study/series overview.		
7.24.9	Auto Cine loop through all scenes.		
8	RADIATION DOSE SAVING, DOSE DOCUMENTATION MEASURES AND RADIATION SAFETY		
8.1	Dose reduction techniques shall be included in the bid and not offered as optional items. Details to be supplied.		

8.2	Grid Switch technology.		
8.3	The system must allow considerable dose reduction by special filters in fluoro and acquisition modes.		
8.4	Fluoroscopy modes with different system dose settings per pulse, which can be selected by the user on the fly.		
8.5	Acquisition modes with different system dose settings per pulse, which can be selected by the user on the fly.		
8.6	The system dose settings to be varied for each listed mode.		
8.7	The Systems must not require test shots to determine the parameters for cine runs will take priority.		
8.8	The system must offer the automated addition of filters in Cu.		
8.9	Additional filters set, specify.		
8.10	Must be automatic for each patient and each angulation.		
8.11	The grid must be removable for paediatrics.		
8.12	Radiation free collimation on the LIH image.		
8.13	Fluoro frames must be stored for later review and documentation.		
8.14	Fluoro frames to store automatically to potentially avoid the need for acquisition runs at higher dose.		
8.15	A dose area meter shall form part of the system with automatic recording of the dose. DAP must be displayed on monitor.		
8.16	Can the system provide enlarged display of finest image details at lower dose?		
8.17	List other measures offered by vender for dose reduction to patient and staff		
8.18	Lead shielding attached to the table to protect the operator on both sides of table		
8.19	Ceiling suspended and movable lead glass panel to protect operator.		
8.20	Radiation warning lights.		
8.21	The radiation levels in controlled areas that are occupied routinely by radiation workers only, must be such that no radiation worker is occupationally exposed to more than 20mSv per year.		
8.22	The radiation levels in uncontrolled areas must be such that no person can receive more than 1 mSv per year.		
8.23	The control booth, and the viewing window in the booth, must have shielding properties such that no operator is occupationally exposed to more than 20 mSv per year. Mobile protective screens must not be considered adequate as a control booth for radiographic rooms and must not be used.		
8.24	Warning signs must be posted on all entrance doors of each radiographic room. The warning signs must incorporate the applicable radiation warning symbol		

	and should incorporate the words "Unauthorized Entry Prohibited".		
9	EXAMINATION ROOM MONITORS AND CONTROLS		
9.1	Integrated viewing solution designated to give user full control in the interventional suite.		
9.2	Inside the examination room, there must be a ceiling suspension for all monitors that allow free positioning of the monitors around the table side.		
9.3	Minimum 50 inch (large screen) 5 Mega Pixel colour LCD with LED backlight in the examination room.		
9.3.1	State resolution and pixel size		
9.4	Display information of minimum up to 8 sources simultaneously, including 3rd party systems.		
9.5	Must be able to adjust and customize viewing lay-outs from table side module during the procedure.		
9.6	Must be able to display live images and reference images.		
9.7	Full protective screen to protect against any collisions.		
9.8	Automatic brightness adjustment dependent on ambient light.		
9.9	The monitor must also display the following:		
9.9.1	Rotation and angulation values.		
9.9.2	X-Ray tube load status.		
9.9.3	Selected fluoroscopy mode.		
9.9.4	Selected detector field of view.		
9.9.5	Rate and accumulated dose.		
9.9.6	The monitor must be on a ceiling suspension that allows free positioning of the monitor around the table.		
9.9.7	Functionality to import and export of images from and to the PACS must be available from table side, and be displayed on the monitor in the examination room.		
9.8	Controls:		
9.8.1	Full control of image display and reviewing must be available at the table.		
9.8.2	All movements of the C-Arms.		
9.8.3	All table movements.		
9.8.4	Image post-processing and quantification.		
9.8.5	The controls for all fluoro and acquisition modes must be available at the table.		
9.8.6	The controls for image/scene review and monitor display mode must be available at the table.		
9.8.7	Archived images to be displayed on monitors in the examination room.		
9.9	Examination room:		
9.9.1	In the examination room there must be an operating module/console on the patient table to allow control of:		

9.9.1.1	Image layout on the HD monitor in the examination room.		
9.9.1.2	Gantry movements and collimation.		
9.9.1.3	All fluoroscopy and acquisition mode controls.		
9.9.1.4	All fluoro storage and fluoro grab controls.		
9.9.1.5	Fluoro loop storage		
9.9.1.6	Quantitative Analysis.		
9.9.1.7	X-Ray settings (collimation, projections, table, series and processing)		
9.9.1.8	Activation of special procedures like rotational angiography (RA) and other advanced interventional tools, at table side.		
9.9.1.9	Control hemodynamic system from table side to optimize workflow in the interventional lab by seamlessly integrating the hemodynamic system with the X-ray system.		
10	CONTROL ROOM		
10.1	Integrated workstations, Fluoroscopy monitoring, Electrophysiology and Hemodynamic Monitoring system with adequate screens needed.		
10.2	Two monitors minimum 24" LCD colour monitors.		
10.3	Extra monitors allowing parallel working environment where team members can do two tasks at the same time in the exam room and control room, without interrupting each other. E.g. fluoroscopy/exposure is taking place, a technologist in the control room can instantly review previous images from the same patient, prepare the next exam or finish reporting on another patient. State the size of monitors in inches.		
10.4	Data and review functions must be controlled by a single keyboard and mouse.		
10.5	Able to review processed images.		
10.6	Review module with functions, to enable review.		
10.7	Frame speed settings, fluoroscopy mode, and accumulated fluoroscopy time		
10.8	All of the exam procedure controls at the table must be available at the control panel in the control room.		
10.9	Exposure and fluoroscopy settings as Voltage (kV), Current (mA) and time (ms).		
10.10	Geometry information ex: rotation, angulations, and SID.		
10.11	Clinical cases must be archived to a CD/DVD, USB and a PACS. The archive process must be completely automated and customized with settings.		
10.12	Customizable system set up for room and patient preparation for each individual physician.		
10.13	State the following regarding the monitors:		
10.13.1	In Control Room , Type and size Resolution (for radiographers and clinical technologists).		
10.13.2	In Examination Room , Type and size Resolution.		

10.13.2	Post Processing Workstation. Describe functionality in detail.		
10.13.3	It must include two doctors viewing stations in consulting rooms at various site to view live imaging. Sites will be pointed out at the compulsory site visit.		
10.15	Fusion of 3D anatomy from pre-procedural cardiac CT or MR scan with real-time 2D. Built-in filter to filter signal interference received from 3D Mapping and Localization Systems such as Carto and ESI System.		
11	INTEGRATED HEMODYNAMIC RECORDING AND INFORMATION SYSTEM.		
11.1	The system must have a full-featured 64 channel upgradeable to 128 channels haemodynamic system, complete with acquisition module, workstation of the latest technology. Including a 1TB hard drive and a laser paper printer.		
11.2	The haemodynamic system must have integrated signal acquisition monitoring for heart rate, SpO2, Plethysmography Waveforms, NIBP, minimum two invasive pressure monitoring and thermodilution cardiac output.		
11.3	Two monitors minimum 24" LCD colour monitors.		
11.4	Functional requirements & Input Data		
11.4.1	ECG (Real time ECG monitoring with appropriate ECG cables and connections x 3 sets).		
11.4.2	Sampling rate in Hz.		
11.4.3	Leakage current.		
11.4.4	Heart Rate Detection rate.		
11.4.5	A/D Converter resolution.		
11.4.6	Lead-off detection, number of leads. Describe.		
11.4.7	Sensitivity.		
11.4.8	Integrated module in amplifier box.		
11.4.9	Full in room system operation for measurements, printing of results and vital signs monitoring.		
11.4.10	Software to calculate Constrictive pericarditis must be included.		
11.4.11	Software to calculate Systolic Area Index.		
11.4.12	Blood Pressure.		
11.4.13	Pressure input channels (Minimum 2 Channels).		
11.4.14	Measurement range.		
11.4.15	State Resolution.		
11.4.16	Integrated module in amplifier box.		
11.4.17	SpO2.		
11.4.18	O2 Saturation range in %.		
11.4.19	Accuracy in %.		
11.4.20	Integrated module in amplifier box.		
11.4.21	Respiration.		

11.4.22	For adults, infants and neonates.		
11.4.23	Cardiac Output.		
11.4.24	Thermodilution method.		
11.4.25	Measurement range in l/min.		
11.4.26	Blood temperature in degrees Celsius.		
11.4.27	Injectate temperature in degrees Celsius.		
11.4.28	Integrated measurement in amplifier box.		
11.4.29	Signal input and Catheter input box.		
11.5	State mounting location.		
11.6	Receiving of exam and dose report from X-Ray system.		
11.7	Remote control of recording functionality at bedside under sterile conditions.		
11.8	Reporting software (in WORD format). Describe fully.		
11.9	Software with Live charting capabilities :		
11.9.1	Procedure/event logging, simultaneously collecting monitoring information and calculations.		
11.9.2	Assist documenting the procedure, medication, events, and staff information to provide a standardized end of case report.		
11.10	Integrated Instantaneous Wave-Free Ratio (iFR) and Fractional Flow Reserve (FFR).		
11.11	Integrated Intravascular Ultrasound (IVUS) system. The IVUS must be an HD system and it must include co-registry.		
11.12	Integrated Electrophysiology System (EP). (Kindly note: This spec does not ask for a 3D mapping system, only for the possibility to integrate to a 3D mapping system):		
11.12.1	The segmented CT or MR anatomy must be transferred to a compatible mapping system, allowing navigation of catheters on images with real 3D anatomical detail without using X-Ray.		
11.12.2	EP- recording system extra-stimulus stimulator.		
11.12.3	Support 1k, 2k, and 4k sampling rate.		
11.12.4	Choices of 32, 64, 96 or 128 true bi-polar channel amplifier should be available.		
11.12.5	Single analogue to digital conversion and fiber optic transmission for superior signals.		
11.12.6	Minimum 4 Physiologic stimulator Input Channels.		
11.12.7	Approximately 12-lead ECG Quick Connect cable to simplify setup.		
11.12.8	Intracardiac Quick Connect cable to simplify setup.		
11.12.9	Catheter Interface Module. Support up to 224 Catheter Inputs without losing any other signal such as NIBP, ECG, etc. Catheter input modules allowing faster configuration. The system should option an		

	integrated signal acquisition monitoring including HR, SpO2, Pleth Waveform, NIBP, IBP, TDCO.		
11.12.9	RF Generator and integrated irrigation pump.		
11.12.10	Fusion of 3D anatomy from pre-procedural cardiac CT or MR scan with real-time 2D. Built-in filter to filter signal interference received from 3D Mapping and Localization Systems such as Carto and ESI (Endocardial) System.		
11.13	System to be accessed from rooms without limiting the functionality of other users (describe).		
11.14	Images / Pressures to be downloadable for presentations (describe).		
12	DIGITAL IMAGING AND POST PROCESSING		
12.1	The digital imaging system must be of the latest technology and must support all necessary post processing and display features for all dedicated examinations.		
12.2	Must include imaging and post processing software for: cardiac, paediatric cardiac, vascular, neuro, ERCP and interventional radiology.		
12.3	State the image acquisition matrix, bit depth.		
12.4	State the review and display matrix and bit depth.		
12.5	State if the system offered have standard video output for monitor display.		
12.6	Fluoroscopy:		
12.6.1	Review and display at pulsed fluoro rates.		
12.6.2	State the frame rates for each mode.		
12.6.3	Pulsed fluoro mode to be used during roadmapping and overlay fading.		
12.7	Acquisition:		
12.7.1	Review and display at fps (matrix). State the frames in each mode.		
12.7.2	Digital subtraction angiography (DSA) acquisition, review and display at fps (matrix).		
12.7.3	Must be able to do single image acquisition		
12.7.4	Real-time on-line image harmonization/dynamic density optimization in fluoro and acquisition mode		
12.7.5	Automatic gap filling for flicker free image display for all frame rates.		
12.7.6	State the maximum frame speed at which harmonization is supported in real time.		
12.7.7	Parallel acquisition, processing, displaying and storing of runs in the background.		
12.7.8	Automatic real time processing including edge enhancement, contrast enhancement, windowing and image filtering.		
12.7.9	Zooming, roaming, electronic shutters.		
12.8	The electronic shutter on Last Image Hold (LIH) must automatically set the collimator blades for the next fluoro or acquisition run.		

12.9	Free annotation of images.		
12.10	Evaluations: distance, angle measurement.		
12.11	Automatic and manual calibration.		
12.12	Real time auto pixel shift.		
12.13	Remasking.		
12.14	Peak opacification minimum/maximum.		
12.15	Image stacking.		
12.16	Image inversion.		
12.17	Review of acquired images in slow motion, frame by frame in forward and reverse.		
12.18	Landmarking: adding the anatomical background to the subtracted image from 0% to 100%.		
12.19	State image storage capacity for on-line access (hard disc/USB) - for images 1,024 x 1,024 at 12 bit- and for images 512 x 512 at 12 bit.		
12.20	It must be possible to store fluoro runs.		
12.20.1	Time period for storing fluoro runs.		
12.21	Trace subtracted roadmapping.		
12.22	Standard Angiography.		
12.23	Fluoroscopy, digital angiography as well as digital subtraction angiography acquisition modes are required.		
12.24	Fluoroscopy exposure rates: minimum 50 exposures per second.		
12.25	Fluoroscopy image processing to include:		
12.25.1	Noise reduction spatial filter		
12.25.2	Signal enhancement spatial filter.		
12.25.3	Recursive filter.		
12.25.4	Gray-scale processing.		
12.25.5	Dynamic range compression.		
12.26	Fluoroscopic image manipulation to include:		
12.26.1	(i)Image magnification (ii)Image rotation (iii)Image subtraction (iv) Peak hold (v) Image hold		
12.27	The digital imaging system must be of the latest technology and shall support all necessary post processing and display features for all dedicated examinations.		
12.28	The following quantification functionality must be included:		
12.28.1	Distance measurement.		
12.28.2	Stenosis ratio measurement.		
12.29	Calibration with both manual and automatic calibration measurement.		

12.30	Quantitative cardiac coronary analysis (QCA).		
12.31	Quantitative left ventricular analysis (QLV).		
12.32	Quantitative vessel / vascular analysis (QVA).		
12.33	<u>Software for enhanced stent visibility.</u>		
12.34	State any other optional packages.		
12.35	Rotational Angiography:		
12.35.1	Rotational angiography to provide real-time 3D impressions of complex vasculature and the coronary artery tree.		
12.35.2	Frame rates of minimum 1-25 frames /second are required. Specify capacity.		
12.36	High-resolution 3D reconstructions.		
13	ADVANCED CLINICAL TOOLS		
13.1	Percutaneous Coronary Intervention (PCI) procedures		
13.2	Enhancement of Stent visualization in coronary, showing the deployed stent in relation to the vessel wall, in real time. Please describe the capability of the system offered (e.g. stent boost).		
13.3	Bi Plane Left Ventricle analysis (LVA).		
13.4	Quantitative Coronary Analysis (QCA).		
13.5	Overlay of a coronary roadmap on live fluoroscopy (Or similar technology) is required to reduce contrast medium during navigation of a device.		
13.6	Structural Heart Disease Tool:		
13.6.1	Congenital heart defect correction e.g. Repair of coarctation of the aorta.		
13.6.2	High-resolution 3D reconstructions generated from rotational angiogram run and single contrast injection vascular to supports accurate assessment of vascular pathologies.		
13.6.3	Dynamic 3D Roadmap to navigate inside the 3D vascular volume to find access easily in tortuous vascularity.		
13.6.4	Overlay roadmap on previously acquired MR and CT angiography datasets on live fluoro image to reducing the need for additional X-Ray dose and contrast medium.		
13.6.5	Transcatheter aortic valve replacement or implantation (TAVR/TAVI), mitral valve replacement, left atrial appendage closure (LAAC).		
13.6.6	Automatically segmentation of heart chambers anatomical structures, landmark and anatomical planes from previously acquired DICOM compliant CT datasets to assist with planning the intervention, safely navigating the device through anatomy and deploying the device in the correct position.		
13.6.6	Real time imaging product that supports the procedure by combining both X-Ray and 3D TEE echo via a high speed live 2D and 3D digital connection		

	between the Echo unit and the imaging system (or similar technology).		
14	STANDARD ACCESSORIES (ALL ACCESSORIES MUST BE INCLUDED AS STANDARD AND INCLUDED IN TENDER PRICE)		
14.1	Arm rests for standard femoral and radial procedures.		
14.2	Arm rests for standard femoral and radial procedures for patient table.		
14.3	An attachment for a drip stand shall be provided.		
14.4	Ten lead free aprons (wrap-around coats) must be provided (equivalent to 0.35 Pb). Sizes to be discussed during installation process.		
14.5	Ten thyroid shields to be provided.		
14.6	Five lead spectacles to be provided.		
14.7	Ceiling mounted radiation shield and table mounted radiation shield.		
14.8	Advanced clinical tools.		
14.9	Two coat hangers with capacity of 10 coats to be installed in control room.		
15	PACS		
15.1	Integrated to Teleradiology system that the Hospital currently have – Continuum.		
15.2	Vendor neutral so that it can connect to any PACS system that the Hospital procures in the future.		
15.3	NETWORKING: Needs to be fully installed and supplied PACS System.		
15.4	DICOM or alternative networking system compatibility (PACS/RIS compatible).		
15.5	DICOM 3 conformance statement to be included.		
15.6	DICOM Print must be possible.		
15.7	Ability to generate a report post examination.		
15.8	DICOM send (including exporting or transferring images to PACS/RIS).		
15.9	DICOM query / retrieve.		
15.10	Secondary Capture Dose Report function that allow the user to save & transfer, manually or automatically, a patient Dose Report to PACS in DICOM secondary capture format.		
15.11	State storage capacity in TB with increasable storage capacity.		
16	LASER PRINTER		
16.1	The system must include an optimal printer appropriate to the system.		
16.2	DICOM Compatible networked laser printer must be provided. (minimum 455 DPI,		
16.3	Film sizes: 24x30 or 35x43 or both.		
16.4	Include minimum 2 year comprehensive warranty, including all service parts.		

17	UPS		
17.1	An "on-line" 160 kVA UPS shall be supplied to power the computer components of the unit so that the equipment can shut down safely when interrupted by a power failure. The theatre lights, plugs for anaesthetic machine must be covered by the UPS. Preferable UPS that can last up to 30 minutes when there is no main power supply in order to safely shutdown the equipment.		
17.2	Batteries of UPS to have a minimum 4 years warranty.		
17.3	Include 2 year comprehensive warranty, including all service parts.		
18	ADDITIONAL EQUIPMENT (please note they must all be FDA or CE approved):		
18.1	THEATRE LIGHTS		
18.1.1	Ceiling mounted dual head surgical light combination Must have 360 degree rotation, LED, shadow control, dimmer control, adjustable focus, adjustable controls within the sterile field (intensity, pattern, on/off).		
18.1.2	Include 2 year comprehensive warranty, including all service parts.		
18.1.3	It is the responsibility of the supplier to install this theatre light and make sure its placement on the ceiling is correct and that it won't affect the operation of the C-arms.		
18.1.4	State the make and model of theatre lights offered.		
18.1.5	Sterilizable handles. Include extra 2 handles.		
18.2	INJECTOR		
18.2.1	Injector to be used and be compatible with the catheterization laboratory. Friendly user interface. Simple and easy to operate. Touch screen and up to 4 phases with different flow rates.		
18.2.2	Modes: single and repeat injections, test shot, infusion mode		
18.2.3	Injector must include: flow rate selection, facility for multiphase injection, selection of volume to be delivered and scan delay.		
18.2.4	Injector must show the read out of volume delivered, volume remaining, programming facility and emergency stop on remote control.		
18.2.5	The injector must come with the bracket to mount on the Cath-lab table.		
18.2.6	The injector must come with a starter pack of accessories for training of radiographers (minimum 10 patients).		
18.2.7	Include 2 year comprehensive warranty, including all service parts.		
18.2.8	State the make and model of injector offered.		
18.3	ANAESTHETIC MACHINE		
18.3.1	An advanced anaesthesia delivery system comprising a completely integrated electronic anaesthesia		

	workstation is required. It must include a haemodynamic monitor with Pulse oximetry, Electrocardiogram, Non-invasive blood pressure, Capnography (ETCO2), BIS, Invasive Arterial Blood Pressure, Central Venous Pressure, Temperature and Cardiac Output. It must be capable of ventilating from neonatal to adult patients.		
18.3.2	Anaesthesia machine is to be used for cardiology and heart surgery.		
18.3.3	Include 2 year comprehensive warranty, including all service parts.		
18.3.4	State the make and model of anaesthetic machine offered.		
18.4	DEFIBRILLATOR		
18.4.1	A defibrillator to reverse fibrillation to a normal rhythm with ECG and peripheral oxygen saturation monitoring. Must allow for paddles to be exchanged to disposable pads. Must be able to print results of tests and defibrillations.		
18.4.2	Must include 3 lead ECG patient cable, AED pads x2 pairs, cable for AED pads, 10 rolls of printer paper, SpO2 transducer and cable. Please specify make and model.		
18.4.3	Include 2 year comprehensive warranty, including all service parts.		
18.4.4	State the make and model of defibrillator offered.		
18.4.5	Please supply two, one for recovery and one for theatre.		
18.5	SUCTION MACHINE		
18.5.1	A portable electric suction machine used for the aspiration of body liquids, oral, nasal and tracheal aspiration in adults or children. Suitable for emergency applications and must have rechargeable battery. Please specify make and model.		
18.5.2	Must have adjustable vacuum up to 0.09 MPa, minimum 20 L/min flow rate, dual AC/DC power with rechargeable battery, overflow protection, low-noise operation		
18.5.3	Include canister, tubing and filter.		
18.5.4	Include 2 year comprehensive warranty, including all service parts.		
18.5.5	State the make and model of suction machine offered.		
18.5.6	Please supply two, one for recovery and one for theatre.		
18.6	EMERGENCY TROLLEY		
18.6.1	Emergency trolley, lockable mobile unit able to contain all equipment, accessories, books, medications of which is required for the resuscitation of a patient in emergencies. Include emergency resuscitation board and an extension to plug in medical equipment.		

18.6.2	Please supply two, one for recovery and one for theatre.		
18.7	ELECTROSURGICAL MACHINE		
18.7.1	Electrosurgical unit: delivers high-frequency electrical energy for cutting, coagulation, or tissue ablation with adjustable power (W) (up to 300W), single and bipolar, multiple modes (cut, coagulation, blend) with safety features such isolated output, return electrode monitoring and visual and audio alarms.		
18.7.2	Must include mobile car with lockable wheels and double foot switch with cable. Must also include 5 patient cables, bipolar forceps, 5 monopolar handles with electrodes, needle, blade, ball, loop.		
18.7.3	Include 2 year comprehensive warranty, including all service parts.		
18.7.4	State the make and model of electrosurgical machine offered.		
18.8	VITAL SIGNS MONITORS		
18.8.1	The monitors must to be able to track basic (essential) parameters such as: Heart rate and ECG, NIBP, SPO2, RR, temperature, ETCO2 and IBP.		
18.8.2	Monitor TFT, screen touch with a size minimum 15 inch.		
18.8.3	The monitors must be wall mounted.		
18.8.4	State the make and model of the vital sign monitors offered.		
18.8.5	Include all accessories for adult, paediatrics and neonatal.		
18.8.6	Include 2 year comprehensive warranty, including all service parts.		
18.8.7	Please supply two for recovery.		
18.9	ULTRASOUND MACHINE		
18.9.1	Ultrasound machine suitable for a Cath-lab with the following imaging modes: • 2D (B-mode) • M-mode • Colour Doppler • Pulsed Wave Doppler (PW) • Continuous Wave Doppler (CW) • Tissue Doppler Imaging (TDI) • Harmonic imaging • Speckle tracking (strain imaging) • Real-time 3D / 4D echocardiography (Live 3D)		
18.9.2	Full adult, paediatric and neonatal coverage.		
18.9.3	Mini 3D TEE capability for small patients.		
18.9.4	Dedicated interventional cardiology tools.		
18.9.5	Measurement tools for: • LAA closure • TAVI • ASD/VSD closure		

	Valve repair		
18.9.6	Include the following probes: - linear probe, - abdominal probe, - cardiac probe for neonatal, paediatric and adult, - TEE probe for adult and neonatal.		
18.9.7	Cart based, lockable wheels. The ultrasound machine must be portable and compact in design, allow easy maneuver and minimal footprint to avoid obstruction in the Cath- lab environment.		
18.9.8	Include 2 year comprehensive warranty, including all service parts.		
18.10	HIGH FLOW MACHINE		
18.10.1	High flow machine that must: - Deliver high flow (up to 60 L/min) - Provide precise oxygen control (21–100%) - Include heated humidification - Be safe, portable, and easy to use in PACU		
18.10.2	Include please a box of each size of cannula for adults and paed. Please also include a box of each size of circuit for adult and paed. Include also all the accessories needed to do the cleaning of the machine.		
18.10.3	Machine must be cart based for the recovery area. With lockable wheels.		
18.10.4	Include 2 year comprehensive warranty, including all service parts.		
18.11	VIDEO LARYNGOSCOPE		
18.11.1	Video laryngoscope to be screen touch and mounted on a portable trolley.		
18.11.2	- Real-time video with minimal latency - High frame rate (smooth imaging) - Image freeze function - Anti-fog and LED illumination		
18.11.3	Difficult airway blade set (hyper angulated) for adults.		
18.11.4	Include paediatric blades sizes 00,0,1,2 and adult blades macintosh sizes 3 and 4.		
18.11.5	Include 2 year comprehensive warranty, including all service parts.		
18.12	PATIENT WARMER		
18.12.1	Forced-air convection patient warmer composed of blower and heating element, temperature adjustable from ambient to 43 degrees Celsius and with low noise level.		
18.12.2	Include disposable body warming blankets for adult and paediatric patients.		
18.2.3	Include capability to be mounted to IV pole and bed rail.		
18.2.4	Include 2 year comprehensive warranty, including all service parts.		

19	INFRASTRUCTURE SPECIFICATIONS		
19.1	The bidder is responsible for the building of a new infrastructure and alterations to the current structure in order to enclose all the rooms necessary.		
19.2	Infrastructure needs to comply with all regulations required for a Cath Lab according to the South African legislations.		
19.3	All bidders are required to visit the site to discuss the necessary alterations, where specific requirements will be discussed. The bid will not be considered if the bidder was not present at the compulsory site briefing visit.		
	This project involves the structural expansion of an existing first-floor level to accommodate a hybrid biplane cardiac catheterization laboratory, including a control room and associated storage/equipment areas.		
19.4	Example of building plans expected is herewith attached on annexure A. And the current infrastructure is exemplified in annexure B.		
19.5	The bidder awarded this bid for the Cath Lab shall be responsible for the following:		
19.6	CIVIL AND STRUCTURAL		
19.6.1	Plans to be submitted by the contractor to the municipality at the contractor's expense. Contractor to do follow ups in order to guarantee that plans are approved.		
19.6.2	Building contractor's CIDB grading must comply to CIDB grading with the corresponding proposed amount.		
19.6.3	The works shall include the design and construction of a new structural floor system supported on steel beams, with foundations capable of supporting all imposed loads from medical equipment and associated infrastructure.		
19.6.4	Floor structure: The proposed floor structure shall consist of a reinforced concrete slab supported on structural steel beams. The system may be cast in-situ or composite construction, subject to structural engineer approval. The slab shall be designed to provide a level, stable, and durable surface suitable for sensitive medical imaging equipment.		
19.6.5	<u>Load Capacity: The structure shall be designed to accommodate:</u> • Distributed loads of minimum 7.5–10 kN/m² • Concentrated (point) loads from medical equipment • Ceiling-mounted equipment loads • Radiation shielding materials Final loading criteria shall be confirmed based on equipment manufacturer specifications.		

19.6.6	Foundations and Structural Support: A detailed structural assessment of the existing building shall be undertaken to verify its load-bearing capacity. Where required, the design shall include: • Strengthening of existing structural elements • Installation of new columns and/or transfer beams • Upgraded or new foundations to safely transfer loads to ground All structural elements shall be designed to safely resist static and dynamic loads.		
19.6.7	The structure shall accommodate the installation of a hybrid biplane Cath- lab system, including: • Ceiling-mounted imaging equipment • Monitor support systems and service booms Provision shall be made for structural reinforcement at ceiling level or installation of dedicated support frames as required by the equipment supplier. The floor system shall provide adequate stiffness and minimal deflection to ensure proper functioning of precision imaging systems.		
19.6.8	The structural design shall allow for the installation of radiation shielding, including: • Lead-lined walls and doors • Additional shielding where required All shielding loads shall be included in the structural design calculations.		
19.6.9	The structure shall be designed to minimize vibration and deflection to levels acceptable for medical imaging equipment. Design criteria shall comply with applicable standards for vibration-sensitive healthcare installations.		
19.6.10	Provision shall be made within the structural design for the routing and support of building services, including: • Electrical cable trays • HVAC ducting • Medical gas services Adequate space and load allowances shall be provided for ceiling and floor-mounted services.		
19.6.11	All structural elements shall be designed to accommodate the selected Hybrid Biplane Cath-lab system, including all associated loads, mounting requirements, and operational forces as specified by the equipment manufacturer.		
19.6.12	The roof of the newly built area shall be minimum 3.2m high, in order to ensure that C-arms are properly installed.		
19.6.13	The contractor is responsible not only for new roof and respective structure but for the roof of the existing structure.		
19.6.14	The roof shall be designed as a structural steel roof system or reinforced concrete slab roof, depending on final architectural and structural design.		

	The system shall include: • Primary structural members (steel beams or concrete slab) • Secondary members (purlins or slab reinforcement) • Roof decking or slab surface		
19.6.15	The roof structure shall be designed to: • Support dead loads (self-weight, finishes, waterproofing) • Support imposed loads (maintenance, equipment) • Accommodate mechanical plant loads (HVAC units, ducting)		
19.6.16	The complete roof shall be properly permeated so there are no infiltrations.		
19.6.17	The roof shall be designed with adequate falls, preferably highly pitched roof.		
19.6.18	The roof must be able to support the weight of the suspended c-arm.		
19.6.19	The roof structure shall be designed to support all mechanical plant, services, and environmental loads while ensuring long-term waterproofing integrity and compliance with SANS standards.		
19.6.20	Ceilings to be installed under the roof to provide a clean finish.		
19.6.21	All ceilings shall be new.		
19.6.22	The supplier will have to level the floors and do a concrete slab for the new floor. Kindly note there are different levels of flooring especially in the external passage leading to this area.		
19.6.23	The supplier is responsible for demolishing the walls where necessary and building the new walls according to approved plans.		
19.6.24	All walls need to be properly plastered.		
19.6.25	All the new walls on the external side need to be properly plastered and painted in colours that match adjacent buildings.		
19.6.26	Construct internal walls in accordance with the approved drawings and specifications, including all required materials, finishes, insulation, and compliance with relevant building and healthcare standards, specifically Cath-lab.		
19.6.27	Create opening for window (viewing glass) in control room. Install window in accordance to radiation control. And install door between theatre and control room also in accordance to radiation control requirements.		
19.6.28	Control room wall and viewing glass should provide lead-shielding. If dry-walling is used to construct the control cubicle walls, minimum 2 mm lead shielding should be provided.		
19.6.29	The doors used shall be hard and sturdy, it is preferable that the entrance doors of the Cath-lab		

	theatre, recovery, control room to Cath-lab are sliding doors. Please make sure to provide for the best quality doors available with good sliding mechanisms it is not necessary for them to be electric.		
19.6.30	Scrub room basins to be installed and extra shelving for storage. Sewerage and access to water shall be done at supplier's expense. There must be cold and hot water.		
19.6.31	All floors and walls vinyl to be done.		
19.6.32	Theatre entrance door, scrub door going to theatre, and door from control room to theatre have to be lead-shielding doors. All doors must be supplied.		
19.7	PRE INSTALLATION		
19.7.1	Supply and install vinyl for the interior walls of the theatre, recovery room, passage, control room and scrub rooms. Excluding only the inside of the technical room and the doctor's lounge. Colours to be chosen by the radiographer/hospital management/clinical engineer and maintenance manager.		
19.7.2	Supply and install vinyl floor throughout the building as per approved plans.		
19.7.3	Supply and install heavy duty 800mm worktops in the control room and nurses station.		
19.7.4	Supply and install appropriate hand wash stainless steel basin for doctors and nurses in the scrub room. Including elbow taps and shelves for soaps and brushes. Include also soap dispenser and paper towel dispenser. Bidder is responsible for installing water connections and drainage.		
19.7.5	Supply and install shelving in the scrub room.		
19.7.6	Supply furniture for control room including worktop for operator, computer, viewing station and three office chairs with wheels. The worktop must support the computers so computers are not on the floor. There must also be desk shelves for documents and registers to be kept safe. Under worktop there has to be also some drawers.		
19.7.7	Supply furniture such as comfortable chairs and a coffee table for the doctors lounge.		
19.7.8	Supply anaesthetist stool for anaesthesia specialist.		
19.7.9	Supply office chairs with wheels for the nurses station.		
19.7.10	Supply open cupboard in the control room for Cath-lab stock.		
19.7.11	Supply stainless steel shelves inside the theatre to put Cath-lab stock.		
19.7.12	Supply 2 Cath-lab catheter trolleys.		
19.8	MECHANICAL		
19.8.1	Supply and installation of 36000 BTU air conditioner for the theatre as per system supplier's specification.		
19.8.2	Supply and install 24000 BTU air conditioner for recovery room.		

19.8.3	Supply and install 24000 BTU air conditioner for control room.		
19.8.4	Supply and install 24000 BTU air conditioner for technical room.		
19.8.5	Supplier responsible for bringing in the medical gases to the recovery and Cath-lab theatre. The supplier must install a vacuum bottle trap and medical gases valve box at the entrance of the unit.		
19.8.6	Supply and install heavy duty ceiling double arm, vertical column pendant in the theatre:		
19.8.6.1	Pendant must have 2 oxygen outlets, 2 medical air outlets, 2 N ₂ O outlets, 1 scavenging outlet and 2 vacuum outlets. Please note scavenging system to be installed at supplier's expense.		
19.8.6.2	Pendant must have 8 plugs available.		
19.8.6.3	Height adjustable.		
19.8.6.4	4 x Ø38mm equipment poles are integrated on each corner of the service columns to support medical equipment		
19.8.6.5	Columns can be rotated within 340 degrees to position the Supply Services ergonomically;		
19.8.6.6	The design provides unobstructed access around the patient area.		
19.8.7	Supply and install of theatre control panel with medical gas control panel (to monitor gas pressure levels in real-time, providing audio/visual signals for leaks, low pressure, or malfunctions; with silence button) , radio with USB, clock, digital timer, 8 plugs, 2 oxygen outlets, 2 medical air outlets, 2 N ₂ O outlets and 2 vacuum outlets and a scavenging outlet.		
19.8.7.1	Stainless steel fascia's' in a brushed finish with minimal gaps to complete the panel. And include a wall suction rail.		
19.8.8	In the recovery room, there must be a horizontal bedhead system installed for the medical gases and plugs, it must include space for 2 beds. Each bed should have: • 3 electrical plugs • 1 vacuum outlet • 1 oxygen outlet • 1 light • 1 drip stand • 1 medical equipment rail		
19.8.9	Comply with IEC 60601-1, IEC 60601-2, ISO 130485 and ISO 11197.		
19.8.10	Certificate of Compliance (COC) to be supplied after project completion.		
19.9	ELECTRICAL		
19.9.1	The supplier is responsible to verify if electrical capacity of the Hospital is enough to install this system upon site inspection. Supplier will then quote according the electrical requirements of the system		

	and electrical installation is all at the supplier's expense.		
19.9.2	Supply electrical power for the examination system as per system supplier's power requirement.		
19.9.3	Supply and install system Distribution Board (DB) as the system supplier's specification, this DB will include all plugs and electrical requirements in control room, technical room and theatre.		
19.9.4	Supply and install cable channels as the system suppliers approved drawings and specification.		
19.9.5	Supply and install illumination lighting throughout the building as per the approved plans.		
19.9.6	Supply and install switches for all lights for all the rooms as per the approved plans.		
19.9.7	Supply powder coated power skirting with power sockets and RJ 45 (2div) in control room and technical room.		
19.9.8	Supply and install isolator and power sockets in ceiling for air conditioners.		
19.9.9	Supply power sockets enough for all computers and systems supplied and extra 4 power sockets in control room.		
19.9.10	Supply power sockets enough for all systems and extra 4 power sockets in technical room.		
19.9.11	All electricity, medical equipment, computers, UPS, and electrical components to be connected to the new DB board to be installed.		
19.9.12	Supply minimum 2 power sockets by the table end for medical equipment and where the injector will be attached so that the injector is easily connected to electricity.		
19.9.13	COC to be supplied after completion of installation.		
19.10	FIRE AND REGULATORY COMPLIANCE		
19.10.1	All works shall comply with relevant South African regulations and standards, including but not limited to:		
19.10.1.1	National Building Regulations (NBR) and Building Standards Act (Act 103 of 1977)		
19.10.1.2	SANS 10400 (all applicable parts), including: • SANS 10400-A (General Principles and Requirements) • SANS 10400-B (Structural Design) • SANS 10400-T (Fire Protection) • SANS 10400-O (Lighting and Ventilation)		
19.10.1.3	SANS 10160 (Basis of structural design and actions for buildings and industrial structures).		
19.10.1.4	SANS 10177 (Fire testing of materials, components and elements used in buildings).		
19.10.1.5	Department of Health Guidelines for Healthcare Facilities.		
19.10.1.6	Fire resistance ratings shall be provided where required for structural elements.		

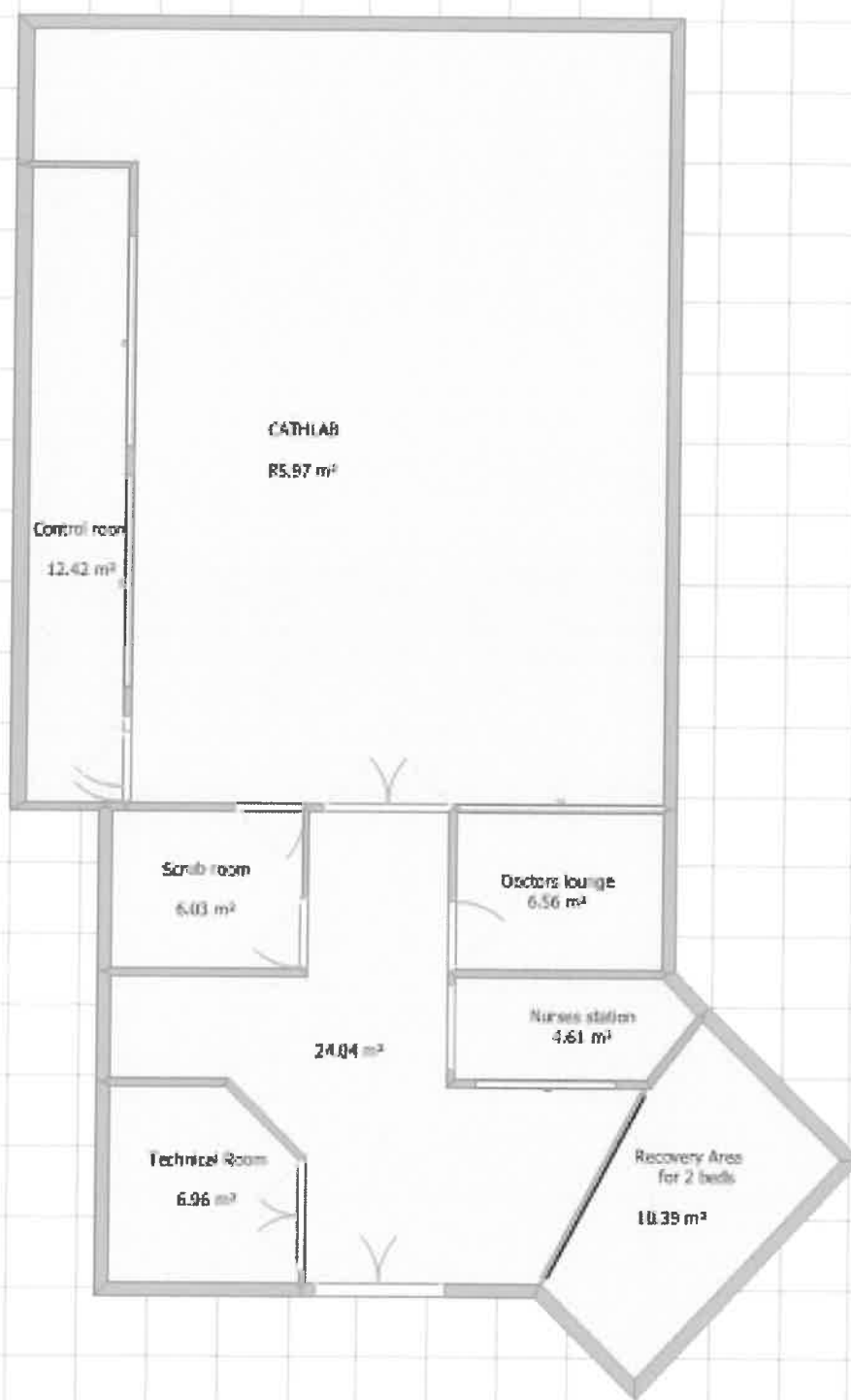
19.11	IT AND NETWORKING		
19.11.1	Supply and run new network cables as per approved plans.		
19.11.2	Supply a network switch cabinet as the approved plans.		
19.11.3	Link IT network between new Cath-lab to the existing hospital network.		
19.11.4	Supply all required switches for the Cath-lab building as per approved plans.		
19.11.5	Supply all power requirement for the network switches cabinet.		
19.11.6	Supply and install all network points as per system requirements and requirements for control room and PACS.		
20	WARRANTY		
20.1	All equipment, materials and workmanship provided under this bid must have a warranty of a minimum period of twenty-four (24) Months. The successful bidder must arrange with the respective Hospital and the Health Technology department and Radiology Department before Commissioning the equipment at the respective Hospital. The bidder to note that the warranty period must only take effect upon successful Commissioning at the respective Hospital and successful test and acceptance by the Health Technology and radiology department.		
20.2	The recommended number of services, per annum, by the manufacturer, must be included during and up until the end of the warranty period and all costs related to the provision of such services will be for the bidders account.		
20.3	The bidder must state the number of services that will be provided during and up to the end of the warranty period.		
20.4	Any breakdown during the warranty period must include all cost (spares, labor, travelling and sundries) for any prescribed maintenance services (major and minor) as well as any QA testing that is required by the Department of Health's Radiation Control Board during the warranty period.		
20.5	Travelling and travelling time costs must be included in the warranty period.		
20.6	Spares that may be required during the warranty period will be supplied at the expense of the bidder.		
20.7	Any repetition (twice or more) of the same type of fault that first occurred during the warranty period must be considered as a repairs under warranty if it occurs within the first year after the expiry of the warranty period.		

21	SERVICING		
21.1	The bidder must have a well-established service and repair facility to repair, service and calibrate the equipment offered.		
21.2	If the service is subcontracted to a local service agent, a signed copy of the letter of appointment by the bidder and acceptance of the subcontractor must be submitted with this bid/quotation.		
21.3	The bidder must supply information on the number of technicians permanently working and their names and contact numbers must be listed (directly employed or subcontracted) in an annexure to the bid document.		
21.4	The technicians must be original equipment manufacturer trained to deal with the service, repair and calibration of the equipment quoted on. Proof of original equipment manufacturer training must be submitted with this bid/quotation offer.		
21.5	The institutions requirement is that a technician is available within a reasonable time (24 hours) to attend to malfunctioning equipment.		
21.6	The bidder must guarantee that no additional equipment will be required for the successful operation of the equipment bid for on delivery and commissioning at the customers site. A starter pack of all essential accessories and disposables must be supplied so that the unit can be put into immediate operation. The cost of the starter pack must be included in the final bid price.		
21.7	Optional accessories must be offered for separately on the schedule of optional accessories found at the end of this technical specification indicating catalogue numbers, correct descriptions and prices inclusive of VAT.		
21.8	Spares must be available for ten (10) years from the original equipment manufacturer of the products offered.		
21.9	If the equipment parts are taken away for repairs, a loan set must be available on request to the end user by the institution until the institutions unit is returned. All costs incurred for providing the loan unit must be for the bidders account.		
22	STANDARDS AND SAFETY		
22.1	Bidder must bid on the latest model and technology that fully complies with this technical specification.		
22.2	The bidder must indicate the expected life of their offered unit and software in years (minimum 10 years).		
22.3	The bidder must state how long this technology has been commercially available (state when the model offered was launched).		
22.4	The successful bidder must maintain a system for notifying and providing users with updates, modifications, new software releases and recalls.		

22.5	The unit must comply with an acceptable international electrical safety standard such as IEC 60601-1 and 60601-1-2 for medical equipment. Where the quoted equipment operated off an electrical supply.		
22.6	All equipment, the installation and any alteration/additions must comply with:		
22.6.1	The occupational Health and Safety Act (1993).		
22.6.2	The wiring code S.A.N.S. 0142.		
22.7	Units being quoted for must be CE Certified. The copy of the certification to be attached, and the make and model offered must be reflected on the certificate.		
22.8	The ISO 9000 or ISO 13485 certificate of manufacturer must be attached.		
22.9	Only new equipment must be quoted for and supplied. Refurbished and reconditioned being quoted will not be accepted.		
22.10	All the necessary calibration and maintenance software, where applicable, required to maintain and calibrate the equipment, must be supplied with the equipment. Radiographers to be taught on how to do the QA assessments.		
23	MANUALS AND BROCHURES		
23.1	The successful bidder must include in their offer at no extra cost to the final bid price:		
23.1.1	Complete user operation/maintenance manual Book/File, CD/DVD copies in English which must include the following information:		
23.1.2	Fault finding guide, circuit diagrams/schematics, circuit descriptions and PCB layouts, calibration guide, part numbers and exploded diagram of mechanical parts/panels.		
23.1.3	All the above manuals must be properly bonded in either a Book, file or CD form.		
23.1.4	The offer submitted must be supported by descriptive literature, colour pamphlets, colour brochures and technical data sheets applicable to the offer (i.e. supporting information for all components of the system) must accompany the bid, failing which the bid will not be considered.		
24	INSTALLATION		
24.1	State timeframe from awarded bid to completion of project.		
25	MAINTENANCE AGREEMENT		
25.1	Bidders must provide a fully comprehensive maintenance agreement and service agreement for a period of 5 years to commence upon termination of the 2 year warranty period.		
25.2	The five year maintenance plan must also include all quality check and quality assurance requirements, including all required calibrations.		

25.3	Any cost incurred by the facility due to improper planning by the service provider during SLA period may be recuperated from the service provider.		
26	TRAINING	To be condition in the tender.	
26.1	User training must be provided by the successful bidder in the operation of the unit at no extra cost to the final bid price. Please provide a detailed training plan with follow-up training.		
26.2	Bidder must provide a comprehensive training schedule as part of skills transfer to the clinical engineering staff within the province: • Correct maintenance of the equipment • Comprehensive technical support capability of the equipment with at least 1st level maintenance, by eligible resident clinical engineering staff		
27	COSTING	PRICE	
27.1	Procurement price including 2 year comprehensive warranty plan.		
27.2	Building alteration cost.		
27.3	Total cost for full catheterization laboratory.		
27.4	Cost for a 5 year maintenance plan after the two year warranty period. With year 1, 2, 3, 4, 5, added annually.		

Annexure A (room alterations)



Demolish wall , remove all windows and make good on all affected trades.

Remove and replace existing vinyl sheeting with similar approved as per the architects specifications.

EYE CLINIC

Remove the water closet and make good on all affected trades.

7 POST AWARD CONDITIONS:

7.1 LIABILITY

- 7.1.1** The successful bidder shall always be liable for the acts and omissions of its employees providing services to NWDOH when acting within the course and scope of their duties and employment.
- 7.1.2** The successful bidder will be held responsible for any damage or loss to or of assets suffered by a NWDOH because of the bidder's Officers' negligence or willful action in the ordinary execution of their duty.

7.2 ROOM ALTERATIONS

- 7.2.1** The bidder must quote for room alterations.
- 7.2.2** The room alterations plan must be itemized and each must be priced.
- 7.2.3** The room alterations plan must include the drawings.
- 7.2.4** The room alterations must not exceed market related prices.
- 7.2.5** The final room alterations plan must be authorized by the Accounting Officer of the facility before assuming site.
- 7.2.6** Bidder must do Occupational Health and safety file post award.
- 7.2.7** The bidder will only be allowed to use relevant CIDB registered sub-contractors to do any room alterations.

7.3 SAHPRA "may install":

- 7.3.1** The bidder must apply for SAHPRA "may install" for all radiation emitting equipment.
- 7.3.2** The bidder must assist the radiology department to complete the RC form on time and do follow ups.
- 7.3.3** For all radiation emitting equipment, no delivery of the machine must take place until the facility receives the "may install" from SAHPRA.
- 7.3.4** All equipment installation includes free comprehensive training in accordance with SAHPRA radiation protection rules.

7.4 UNSATISFACTORY PERFORMANCE

- 7.4.1** Unsatisfactory performance occurs when performance is not in accordance with the contract conditions.
- 7.4.2** The Departmental Official shall warn the contractor in writing that action will be taken in accordance with the contract conditions unless the contractor complies with the contract conditions and delivers satisfactory supplies or services within a specified reasonable time (7 days minimum). If the contractor does not perform satisfactorily despite the warning, the official will:
 - 7.4.2.1** Take action in terms of its delegated powers; and
 - 7.4.2.2** Make a recommendation to the Accounting Officer for cancellation of the contract concerned.
- 7.4.3** When correspondence is addressed to the contractor, reference will be made to the contract number/item number/s and an explanation of the complaint.
- 7.4.4** Penalties will be applied according to the specific criteria as defined in the Service Level Agreement. (post award)

7.5 LAW TO APPLY

- 7.5.1** The Contract shall in all respects be construed in accordance with the law of the Republic of South Africa, and any difference that may arise with the law of the Republic of South Africa, and any

difference that may arise between the Department and the Contractor regarding the Contract, shall be settled in the Republic of South Africa.

- 7.5.2 The successful bidder/s is/are bound to protect the confidentiality of all data and information gathered and accessed through the contract. Information and data received and accessed through this bid can only be used to meet the objectives outlined in these specifications. (Protection of Private Information Act, (POPIA))

Contacts (Technical enquiries):

1. **Job Shimankana Tabane Hospital (JST) Radiology Manager: Ms. Precious Seabi – 068 802 4238 pseabi@nwpg.gov.za**
2. **Ms. Neo Mathale (JST) – 072 929 3931 pmotlailai@nwpg.gov.za**
3. **Mr. B.K Khumalo – 060 973 3456 bethuelkhumalo@nwpg.gov.za**
4. **Ms. Matsadike Ramaboa – 082 746 3766**

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF HEALTH					
BID NUMBER:	NWDOH 19/2026	CLOSING DATE:	08 OCTOBER 2026	CLOSING TIME:	11:00
DESCRIPTION	SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF A HYBRID BI-PLANE CATHETERIZATION LABORATORY (CATH-LAB) IMAGING SYSTEM IN JOB SHIMANKANA TABANE TERTIARY HOSPITAL (JST) OF THE NORTH WEST PROVINCE.				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
DEPARTMENT OF HEALTH NORTH WEST, GROUND FLOOR					
NEW OFFICE PARK BUILDING,					
3801 CORNER FIRST STREET AND SEKAME ROAD					
MMABATHO, 2735					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Ms N. Tshabalala / Ms R. Setena		CONTACT PERSON	1.Job Shimankana Tabane Hospital (JST) Radiology Manager: Ms. Precious Seabi – 068 802 4238 pseabi@nwpg.gov.za 2.Ms. Neo Mathale (JST) – 072 929 3931 pmotlailai@nwpg.gov.za 3.Mr. B.K Khumalo – 060 973 3456 bethuelkhumalo@nwpg.gov.za 4.Ms. Matsadike Ramaboa – 082 746 3766	
TELEPHONE NUMBER	066 081 6368		TELEPHONE NUMBER		
FACSIMILE NUMBER	N/A		FACSIMILE NUMBER		
E-MAIL ADDRESS		NSegwabanyane@nwpg.gov.za			
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		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]		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX]
	☐ Yes ☐ No				☐ Yes ☐ 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?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?

☐ YES ☐ NO

DOES THE ENTITY HAVE A BRANCH IN THE RSA?

☐ YES ☐ NO

DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?

☐ YES ☐ NO

DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?

☐ YES ☐ NO

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?

☐ YES ☐ 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, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
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:

PRICING SCHEDULE – NON-FIRM PRICES (PURCHASES)

NOTE: PRICE ADJUSTMENTS WILL BE ALLOWED AT THE PERIODS AND TIMES SPECIFIED IN THE BIDDING DOCUMENTS.

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 NWDOH 19/2026
Closing Time 11:00	Closing date 08 OCTOBER 2026

OFFER TO BE VALID FOR **120** DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY ** (ALL APPLICABLE TAXES INCLUDED)
- Required by:			
- At:			
- Brand and model			
-			
- Country of origin			
- Does the offer comply with the specification(s)?			*YES/NO
- If not to specification, indicate deviation(s)			
- Period required for delivery			
- Delivery:			*Firm/not firm

** "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

A NON-FIRM PRICES SUBJECT TO ESCALATION

- $$Pa = (1 - V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + D4 \frac{R4t}{R4o} \right) + VPt$$

Pa	=	The new escalated price to be calculated.
(1-V)Pt	=	85% of the original bid price. Note that Pt must always be the original bid price and not an escalated price.
D1, D2..	=	Each factor of the bid price eg. labour, transport, clothing, footwear, etc. The total of the various factors D1, D2...etc. must add up to 100%.
R1t, R2t.....	=	Index figure obtained from new index (depends on the number of factors used).
R1o, R2o	=	Index figure at time of bidding.
VPt	=	15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

- | | | |
|-----------------------|-----------------------|-----------------------|
| Index..... Dated..... | Index..... Dated..... | Index..... Dated..... |
| Index..... Dated..... | Index..... Dated..... | Index..... Dated..... |

- [illegible]

B PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

2. Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE

EXCHANGE RATE: BUSINESS DAY NEWSPAPER 25 SEPTEMBER 2026 @ 12H00

SIGNATURE OF BIDDER:.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:.....

DATE:.....

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

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.

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

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

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.

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

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 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

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

(delete whichever is not applicable for this tender).

- 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 in regard to 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 OR 90/10 PREFERENCE POINT SYSTEMS

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

80/20	or	90/10	
$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$	or	$Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$	

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 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} 80/20 & \text{or} & 90/10 \\ P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) & \text{or} & P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) \end{array}$$

Where

- P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 P_{max} = 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 or 90/10 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 or 90/10 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 or 90/10 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 both the 90/10 and 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 either the 90/10 or 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.)

Specific Goals	Procurement Transaction Preference Points allocated out of 20	Number of points claimed (80/20 system) (To be completed by the tenderer)
B-BBEE Status level of Contributor	10	
1	10	
2	9	
3, 4, 5, 6, 7, 8 and Non-compliant contributor	0	
Enterprises located in a specific province for work to be done or services to be rendered in that area (Mandatory)	4	
Residing within the North West Province where the service is required.	4	
Residing outside the North West Province	0	
Designated Groups (any bid that meets 1 or more of the 5 will get the maximum points)	6	
- Enterprises 51% owned by black women. - Enterprises 51% owned by people with disability - Enterprises 51% owned by black youth. - Enterprises 51% owned by military veterans - Registered Cooperatives within the North West department of Health database	6	

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:

.....

.....

.....

THE NATIONAL TREASURY

Republic of South Africa



GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT

July 2010

GOVERNMENT PROCUREMENT
GENERAL CONDITIONS OF CONTRACT
July 2010

NOTES

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government.

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

- The General Conditions of Contract will form part of all bid documents and may not be amended.
- Special Conditions of Contract (SCC) relevant to a specific bid, should be compiled separately for every bid (if applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

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General Conditions of Contract

1. Definitions

1. The following terms shall be interpreted as indicated:
 - 1.1 "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
 - 1.2 "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
 - 1.3 "Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
 - 1.4 "Corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.
 - 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
 - 1.6 "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
 - 1.7 "Day" means calendar day.
 - 1.8 "Delivery" means delivery in compliance with the conditions of the contract or order.
 - 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.
 - 1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
 - 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the

RSA.

- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 "Project site," where applicable, means the place indicated in bidding documents.
- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such

obligations of the supplier covered under the contract.

- 1.25 “Written” or “in writing” means handwritten in ink or any form of electronic or mechanical writing.

2. Application

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

4. Standards

- 4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

5. Use of contract documents and information; inspection.

- 5.1 The supplier shall not, without the purchaser’s prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchaser’s prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier’s performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier’s records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

- 6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or

analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.

- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. Packing

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

- 10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 10.2 Documents to be submitted by the supplier are specified in SCC.

11. Insurance

- 11.1 The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.

12. Transportation

- 12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.

13. Incidental services

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
 - (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;

- (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
- (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.

13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.

14. Spare parts

14.1 As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.

15.4 Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take

such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

16. Payment

- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
- 16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
- 16.4 Payment will be made in Rand unless otherwise stipulated in SCC.

17. Prices

- 17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validity extension, as the case may be.

18. Contract amendments

- 18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

19. Assignment

- 19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

20. Subcontracts

- 20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. Delays in the supplier's performance

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the

supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.

21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.

21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

22.1 Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

23. Termination for default

23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:

- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
- (b) if the Supplier fails to perform any other obligation(s) under the contract; or
- (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.

23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

23.4 If a purchaser intends imposing a restriction on a supplier or any

person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.

23.5 Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.

23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:

- (i) the name and address of the supplier and / or person restricted by the purchaser;
- (ii) the date of commencement of the restriction
- (iii) the period of restriction; and
- (iv) the reasons for the restriction.

These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

24.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which

may be due to him

25. Force Majeure

- 25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

26. Termination for insolvency

- 26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

27. Settlement of Disputes

- 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
- 27.5 Notwithstanding any reference to mediation and/or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
 - (b) the purchaser shall pay the supplier any monies due the supplier.

28. Limitation of liability

- 28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6;
- (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and

	(b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.
29. Governing language	29.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.
30. Applicable law	30.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.
31. Notices	31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice 31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.
32. Taxes and duties	32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country. 32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser. 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.
33. National Industrial Participation Programme (NIP)	33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.
34 Prohibition of Restrictive practices	34.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging). 34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.

- 34.3 If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.