



**YOU ARE HEREBY INVITED TO BID FOR THE REQUIREMENTS OF THE WESTERN CAPE GOVERNMENT:
HEALTH & WELLNESS**

BID NUMBER: TBH 202/2026

CLOSING DATE: 11 SEPTEMBER 2026

CLOSING TIME: 11:00am

TBH 202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.

The successful bidder will be required to complete and sign a written contract form (WCBD7.1).

BID DOCUMENTS MUST BE POSTED
DEPOSITED IN THE BID BOX MARKED
"TENDER BOX" SITUATED IN:

**TYGERBERG HOSPITAL
1ST FLOOR, ADMINISTRATION BUILDING
(OPPOSITE THE SPIRAL STAIRCASE)
FRANCIE VAN ZIJL DRIVE
PAROW
CAPE TOWN**

The bid box will be accessible Monday to Friday
from 07h30 till 15h30, 5 days a week excluding
public holidays

1. The Specification is provided to inform **Prospective Service Providers (PSP)** of the entire envisaged bid process, as well as the implementation of the phases of bidding.
2. You are therefore invited to bid **OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.** Prices must be consolidated onto the relevant WCBD3.1/2 forms, as this will serve as the bidder's official offer.
3. Please ensure that bids are delivered **to the correct address on time**. If the bid is late, it will not be accepted for consideration. If you are uncertain about the location of the bid box, please call the responsible official, Mr Chad Miggel at (021) 938 4765, or email: Tbh.BidsDepartment@westerncape.gov.za for assistance during office hours. The bid box is generally open during business hours **Monday to Friday from 07h00 till 15h00, 5 days a week excluding public holidays.**

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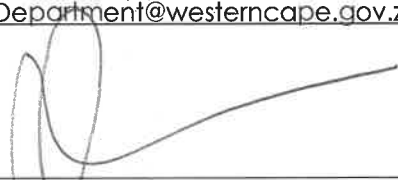
Contractor to initial.....

4. Please submit your bid on the official, **not re-typed** forms. Only **original, signed** documents will be considered. **Failure to complete and sign the bidding documents, certificates, questionnaires, and specification forms in all respects will invalidate the bid.**
5. Each bid must be deposited in a **sealed envelope** with the **name and address of the bidder, the bid number, and the closing date**. The envelope shall not contain documents related to any bid other than indicated on the envelope.
6. **All Bidders must be registered on the Central Supplier Database (CSD) at the time of bid closing.** Any prospective **unregistered bidders** must register as a supplier on the **CSD** prior to bidding.

Central Supplier Database	
Self-registration	www.csd.gov.za (self-registration only)
Contact email	SCMeProcurement.DOH@westerncape.gov.za

7. **Bidders already registered on the CSD** must have confirmation of their registration, by contacting www.csd.gov.za, AND ensure that their status is up to date prior to bidding.
8. **In instances where a bidder's tax compliance status cannot be verified or if a bidder's tax status is non-compliant on the CSD, the bidder will be afforded 7 working days to confirm tax compliance for the bid to be considered.**
9. Only the B-BBEE status reflected **on form WCBD 6.1 included in the bid document** will apply to the evaluation of the relevant formal bids and **not the B-BBEE status on CSD**. Bidders are further required to complete the attached **form WCBD4 and include it in the Bid document**.
10. All other mandatory documents held on CSD will be accepted by Western Cape Government Health & Wellness (WCGHW) for the consideration of formal bids.
11. Bidders must be duly **registered** on CSD at the **closing of the award**.

**** "duly registered"** means that a supplier is registered on the CSD by means of valid mandatory registration documents, including TCC or other documentation confirming the bidder's tax compliance status at the time of the award and WCBD4. If these documents have expired, the such supplier will be suspended on the WCSEB.
12. This bid is subject to the General Conditions of Contract (GCC) and, if applicable, any other Special Conditions of Contract. **The 80:20 Points System shall be applicable to bids up to R50 000 000 or the 90:10 Points System to bids over R50 000 000. The lowest acceptable tender will be used to determine the preference point system.**
13. Please refer to all technical/specification enquiries to Mr. Chad Miggel on email: Tbh.BidsDepartment@westerncape.gov.za


DEPUTY DIRECTOR: FINANCE AND SUPPLY CHAIN MANAGEMENT
TYGERBERG HOSPITAL
MR. N. MARTIN
DATE: 8/7/2026

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PLEASE ENSURE THAT ALL REQUIRED DOCUMENTS ARE INCLUDED IN THE HARD COPY OF THE OFFER SUBMITTED.

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<u>CHECKLIST</u>	<u>COMPLETED AND INCLUDED</u>
WCBD 1	
SPECIFICATIONS	
WCBD 3.1/ 3.2	
WCBD 4	
WCBD 6.1	
GENERAL CONDITIONS OF CONTRACT	
Bidders are required to submit one (1) complete hard copy of the bid. In addition, bidders must submit one (1) <u>electronic copy</u> of the complete bid in PDF format on a <u>USB flash drive</u>. The USB flash drive must be clearly labelled with the bidder's name and the bid number. The electronic copy is provided for administrative purposes only. <u>In the event of any discrepancy between the hard copy and the electronic copy, the signed hard copy shall prevail.</u>	

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PART A INVITATION TO BID

ZERO-TOLERANCE TO FRAUD, THEFT AND CORRUPTION (ANTI-FRAUD, THEFT AND CORRUPTION)

THE WCG IS COMMITTED TO GOVERN ETHICALLY AND TO COMPLY FULLY WITH ANTI-FRAUD, THEFT AND CORRUPTION LAWS AND TO CONTINUOUSLY CONDUCT ITSELF WITH INTEGRITY AND WITH PROPER REGARD FOR ETHICAL PRACTICES.

THE WCG HAS A ZERO TOLERANCE APPROACH TO ACTS OF FRAUD, THEFT AND CORRUPTION BY ITS OFFICIALS AND ANY SERVICE PROVIDER CONDUCTING BUSINESS WITH THE WCG.

THE WCG EXPECTS ALL ITS OFFICIALS AND ANYONE ACTING ON ITS BEHALF TO COMPLY WITH THESE PRINCIPLES TO ACT IN THE BEST INTEREST OF THE WCG AND THE PUBLIC AT ALL TIMES.

THE WCG IS COMMITTED TO PROTECTING PUBLIC REVENUE, EXPENDITURE, ASSETS AND REPUTATION FROM ANY ATTEMPT BY ANY PERSON TO GAIN FINANCIAL OR OTHER BENEFIT IN AN UNLAWFUL, DISHONEST OR UNETHICAL MANNER.

INCIDENTS AND SUSPICIOUS ACTIVITIES WILL BE THOROUGHLY INVESTIGATED AND WHERE CRIMINAL ACTIVITY IS CONFIRMED, RESPONSIBLE PARTIES WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:	TBH 202/2026	CLOSING DATE:	11 September 2026	CLOSING TIME:	11:00AM
DESCRIPTION	TBH 202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
TYGERBERG HOSPITAL					
1 ST FLOOR, ADMINISTRATION BUILDING (OPPOSITE THE SPIRAL STAIRCASE)					
FRANCIE VAN ZIJL DRIVE					
PAROW, CAPE TOWN, 7500					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Mr. Chad Miggel		CONTACT PERSON	Mr. CJ van Reenen	
TELEPHONE NUMBER	021 938 4765		TELEPHONE NUMBER	ENQUIRIES IN WRITING	
FACSIMILE NUMBER	N/A		FACSIMILE NUMBER		
E-MAIL ADDRESS	Tbh.BidsDepartment@westerncape.gov.za		E-MAIL ADDRESS	Tbh.BidsDepartment@westerncape.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:		AND	CENTRAL SUPPLIER DATABASE	MAAA

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				No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	[TICK APPLICABLE BOX] ☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	[TICK APPLICABLE BOX] ☐ Yes ☐ No	
IF YES, WAS THE CERTIFICATE ISSUED BY A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN NATIONAL ACREDITATION SYSTEM (SANAS)	[TICK APPLICABLE BOX] ☐ Yes ☐ No				
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT (FOR EMEs& QSEs) MUST BE SUBMITTED TOGETHER WITH A COMPLETED 6.1 IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
<u>ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS/ SERVICES/ WORKS OFFERED?</u>	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		<u>ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?</u>	☐ 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.					

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PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED – (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (WCBD7).**

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 VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE WITH TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE AND CSD NUMBER AS MENTIONED IN 2.3 ABOVE.
- 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:

.....

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1. Instructions for Completing Bid Documents

Bidders are advised to read all the pages of this tender document carefully and to comply fully with all requests for information and documentation. Please acknowledge that conditions have been read and understood in the 'Comply' column by responding with either a 'Yes' or 'No' entry. Bidders are required to:

Condition	NOTES	
1. Complete all the documents and forms provided in this bid invitation document.		
2. Supply all the requested information.		
3. Number each page of the bid submitted and all the supporting documentation (the entire bid) in the top right-hand corner of each page.		
4. The numbering system used in this tender SHALL be adhered to. If there are additional and/or alternative product options, every option/alternative proposal to an item SHALL be separately quoted, with a complete schedule, description, deviations from specifications, and technical brochures on each proposal.		
5. Submit the bid under the cover of a full table of contents referencing all the documents contained therein about the relevant page numbers.		
6. Submit the bid in hard copy		
7. Submit USB for soft copy.		
8. Confirm in writing that the copy submitted is a true and complete reproduction of the original and contains all the annexures submitted to the Department.		
9. The bidder is to complete the bid response document by stating in the block opposite each subsection whether the bidder will comply or will not comply with the specifications in that subsection.		
10. A response of "Noted" SHALL be interpreted as "Comply" In addition, an explanatory note MUST be provided in a separate document with a clear reference to the corresponding paragraph number or beneath each point in the bid document. The numbering in the bid document may not be altered		
11. Items not completed in this manner SHALL be to the disadvantage of the bidder and, if excessive, SHALL lead to exclusion in the tender evaluation process.		
12. All additional supporting documentation that is returned as part of this tender MUST be given a document number that is marked on each page of the document.		

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WESTERN CAPE DEPARTMENT OF HEALTH & WELLNESS TYGERBERG HOSPITAL

This specification establishes the requirements for the replacement of the existing Dual head SPECT/CT system, with a fully functional state-of-the-art multi-head Single Photon Emission Computed Tomography/Multi-Slice Computed Tomography (SPECT/CT) and associated hardware, software and accessories, including removal and safe disposal of the current SPECT/CT, its associated hardware and accessories, the establishment of a new control room as well as installation of the new SPECT/CT in the current scanner room at Tygerberg Hospital.

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DETAILS OF OFFER**NOTE:**

IF YOUR OFFER COMPLIES WITH THE APPLICABLE BLOCK OF PARAGRAPHS THEN NOTE "COMPLY" IN THE "DETAILS OF OFFER" BOX ADJACENT TO THE BLOCK. SHOULD THE EQUIPMENT OFFERED DEVIATE FROM ANY SPECIFIED TECHNICAL REQUIREMENTS, FULL DETAILS OF SUCH DEVIATIONS MUST BE GIVEN. IN THE EVENT OF THE AVAILABLE SPACE BEING INSUFFICIENT SUCH DETAILS MUST BE GIVEN ON A SEPARATE SHEET, INDICATING THE RELEVANT PARAGRAPH NUMBER IN THE SPECIFICATION.

THE "DETAILS OF OFFER" SECTION MUST BE COMPLETED IN FULL. FAILURE TO REPLY TO ALL SECTIONS WILL RESULT IN THE OFFER NOT BEING CONSIDERED.

1.	SCOPE:	DETAILS OF OFFER
1.1	This specification establishes the requirements for the supply, delivery, installation, demonstration, training and acceptance testing of a state-of-the-art multi-head Single Photon Emission Computed Tomography/Multi-Slice Computed Tomography (SPECT/CT) and associated hardware, software and accessories, including removal and safe disposal of the current SPECT/CT, its associated hardware and accessories, the establishment of a new control room as well as installation of the new SPECT/CT in the current scanner room at Tygerberg Hospital.	
1.2	The offered bid will be for a fully functional, all-inclusive system, and the installation of this machine must be done by February 2027.	
1.3	All equipment and software on offer must be licensed for sale in the South African market by a recognized supplier who can prove that service, spares, and application support is available in South Africa to maintain the system at peak operating performance.	
1.4	The equipment offered to render the service must currently be in production and must be tried and tested in a clinical setting. Evidence that the equipment being offered can meet the specifications must be provided.	
1.5	A list of all users in South Africa, where the equipment that is offered in this bid is currently in clinical use, must be provided. Indicate the current models and equipment configurations per site. If no users are available in South Africa, provide a list of users in other countries. The Western Cape Department of Health & Wellness reserves the right to independently verify the performance and support on the offered unit.	
1.6	Past user experiences with the equipment offered will be considered.	

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1.7	The system offered must comply with, or exceed, all the minimum performance specifications as indicated below for the various sub-components, supported by factory-supplied product specifications/brochures.	
1.8	Descriptive literature, pamphlets and brochures and technical data sheets applicable to the offer, for all components of system, must accompany the tender, failing which the bid will not be considered.	
1.9	The equipment and any accessories ordered from the successful Bidder will be delivered, installed, tested, calibrated, demonstrated (including specified training) and commissioned in the specific hospital at the expense of the successful Bidder, prior to full payment being made.	
1.10	The equipment must be installed in the current SPECT/CT suite in the Nuclear Medicine department, 10 th floor, Tygerberg Hospital. The Bidder must inspect the installation site, electrical supplies, network adequacy, radiation shielding and other services and supplies, at the specified compulsory site meeting, before submitting their offer. The site meeting will take place on the Friday, 21 August 2026 at 10:45am , Tygerberg Hospital (Admin Building Entrance 1 West-side).	
1.11	The bid includes the decommissioning, removal, and disposal of the current SPECT/CT, and accessories housed in the intended suite, in line with the applicable regulations and laws of South Africa.	
1.12	The successful bidder shall be responsible for all the building alterations required for the installation of the equipment and for radiation protection, including strengthening of the existing floor structures, new joinery, new vinyl flooring, painting of walls and ceiling, and the establishment of a control room according to the scope of works document.	
1.13	The offered system and building alterations shall comply with all shielding and radiation protection requirements as per the Directorate: Radiation Control of the South African Health Products Regulatory Agency (SAHPRA).	
1.14	The offered equipment should be FDA and/or CE approved.	
1.15	The successful bidder shall make good any damages that occur to the walls, floors, ceiling, air conditioning, electrical wiring, or computer network during installation of the system.	
1.16	The successful bidder shall be responsible for all electrical work required for the successful installation of the equipment.	
1.17	The successful bidder shall be responsible for connecting the SPECT/CT camera to the current and future Nuclear Medicine	

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	network (both HERMES and Venus) as well as any fees and licenses that may be necessary to accomplish such connections.	
1.18	The offered system should be able to directly export raw data to third-party software, i.e. HERMES, to enable the reconstruction and processing of tomographic data. Bidder to specify how this will be accomplished.	
1.19	The System is required for rapid and sophisticated diagnostic tomographic examinations on patients. The following examinations shall be included but not limited to: (a) Head and neck (b) Chest (c) Abdomen and pelvis (d) Musculo-skeletal system (e) Soft tissues (f) Vessels	
2.	APPLICABLE DOCUMENTS:	DETAILS OF OFFER
<i>The onus rests with the prospective Bidder to familiarise themselves with the following documents, which form part of this specification:</i>		
2.1	General Condition of Contract (GCC)	
2.2	Special Conditions of Contract (SCC)	
2.3	IEC 601-1	
2.4	SANS 10142	
2.5	SANS 10400	
2.6	DICOM conformance statement.	
2.7	Hazardous Substances Act No 15 of 1973. A certified copy of the license issued in terms of the Act, in respect of applicable equipment, must be submitted with the bid. Failure to comply will result in disqualification of the bid offer.	
2.8	International Certification (CE and/or FDA) must be supplied.	
2.9	Valid certified copy of SAHPRA certificate as a manufacturer, distributor, or wholesaler of medical devices and IVD's must be included in your bid documents. Failure to submit the above documents will invalidate your bid.	
2.10	Any other documents that may be required to fulfil national regulations to comply with all Health and Safety standards.	
2.11	If the product offered is unknown to the Department, the Department reserves the right to have the unit evaluated by a team of technical and clinical experts with regards to clinical functionality, performance and quality. The decision of this committee will be used as motivation for the acceptance or non-acceptance of the unit. For this reason, the bidder shall take two representatives of the Department to a site in the Western Cape where a similar unit is installed in functional order. The cost for	

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	this site visit is for the account of the bidder and will not place any obligation on the Department to procure from this specific bidder.	
3.	SPECIFICATION AND REQUIREMENTS:	DETAILS OF OFFER
3.1	General:	
3.1.1	The Bidder must clearly indicate if their offered product complies with the stated requirements, by indicating, "Comply" or "Does not comply" next to the corresponding clause.	
3.1.2	The Bidder must clearly state any parameter values or additional information as requested in relevant clauses.	
3.1.3	The Bidder must provide a clear pricing schedule listing all the requirements and the associated pricing.	
3.1.4	Any requested options and optional extras must be clearly defined, and a separate pricing schedule must be provided by the Bidder.	
3.1.5	The Bidder must clearly indicate if their offered product exceeds the stated requirement by noting, with proof, "Above specification" next to the corresponding clause.	
3.1.6	All responses must be clear and legible.	
3.1.7	A site meeting will be needed, and attendance is compulsory. It is recommended that Bidders inspect the intended camera suite, located in the Nuclear Medicine Department, 10 th Floor, Tygerberg Hospital, during the specified site meeting.	
3.1.8	The offered system must be of the latest technology. The Bidder must state how long this technology (hardware and software) has been commercially available (state when the model offered was launched), as well as if any near future updates are expected.	
3.1.9	Bidder to state when the next model hardware and software will be released.	
3.1.10	All reusable accessories, required for the offered system to be fully functional, must be included as part of the bid.	
3.1.11	Bidder to state the manufacturing company's policy regarding availability of spare parts after production of the new unit stops.	
3.1.12	All prices are to include VAT and are to be firm prices in Rand. The Bidder is to state the period for which the firm price is valid. Minimum validity period is 90 days.	
3.1.13	The offered system shall be installed and handed over fully functional, which shall include all aspects as identified in the clauses below.	
3.1.14	The offered SPECT/CT Scanner System shall consist of at least the following components: 3.1.14.1 Gamma camera (a) Gantry (b) Dual detectors	

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	(c) One set of LEHR collimators (d) One set of LEAP/LEGP collimators (e) One set of MEGP collimators (f) One set of HEGP collimators (g) One high resolution pinhole collimator (h) One set of dedicated multifocal cardiac collimators (with reconstruction software) (i) One set of dedicated multifocal brain collimators (with reconstruction software) (j) Collimator storage carts 3.1.14.2 CT scanner (a) Gantry (b) X-Ray Generator (c) X-Ray Tube (d) Detector system 3.1.14.3 Patient table 3.1.14.4 Acquisition station / Operator's Console 3.1.14.5 ECG gating unit and accessories 3.1.14.6 UPS 3.1.14.7 Patient positioning/immobilization accessories	
3.1.15	The bidder may offer other CT scanners that comply with the requirement as set out in this specification. Bids should only include multi-slice CT scanners. A minimum of a 16-slice CT scanner is required.	
3.1.16	The bidder may offer either a dual-head or triple-head SPECT/CT system. A minimum of a dual-head system is required.	
3.1.17	Any additional offers shall be clearly identified as “ Additional offers ” and a duplicate copy of this specification shall be completed for each offer with the differences from the main offer clearly indicated.	
3.1.18	It must specifically state whether the main system offered may be replaced by these systems.	
4.	SITE INSPECTION:	DETAILS OF OFFER
4.1	All prospective Bidders are required to attend a compulsory briefing session/site meeting Friday, 21 August 2026 at 10:45am, Tygerberg Hospital (Admin Building Entrance 1 West-side) ..	
4.2	Failure to attend this site meeting shall lead to automatic disqualification of the Bidder's offer.	
4.3	The Bidders shall communicate with the Hospital's coordinators and verify the appropriateness of the designated area for the installation of the system. Furthermore, the Bidder shall	

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	timeously inform the Hospital of any additional requirements necessary for the installation of the system.	
5.	TECHNICAL SPECIFICATIONS:	DETAILS OF OFFER
The offered SPECT/CT shall be a state-of-the-art system comprising of a modern SPECT-CT scanner, console, image processing workstation, accessories, immobilisation devices, and the necessary Quality Assurance accessories. The offered systems shall meet or incorporate the following minimum requirements:		
5.1	Gamma camera gantry:	
5.1.1	An axis of rotation from the floor of 100 – 105 cm	
5.1.2	The patient opening for high energy collimators: maximum 66 cm and minimum 12 cm.	
5.1.3	The patient opening for low energy collimators: maximum 73 cm and minimum 19 cm.	
5.1.4	The system to have a minimum CW/CCW: 365°/180°	
5.1.5	Rotation precision: 0.1°	
5.1.6	Variable rotation speed: 0.03-3.0 RPM	
5.1.7	Centre of rotation: ≤ 0.25 pixel in 64 x 64 matrix	
5.1.8	The system shall have a body contouring functionality whereby the detector to patient distance is maintained at a minimum during the following types of acquisition: 5.1.8.1 Whole body scanning 5.1.8.2 Tomographic (SPECT) scanning for both 90° and 180°	
5.1.9	Describe the method of body contouring used.	
5.1.10	The detectors shall have the capability of both caudal and cephalic tilt.	
5.1.11	Shall have the capability to allow for scans to be performed either head-first or feet-first, prone or supine.	
5.1.12	Multiple detector configurations should be possible: 180°, 90°, gurney, etc.	
5.1.13	The system shall have the capability to allow for tomographic (SPECT) scanning to be performed in both step-and-shoot and continuous rotation acquisitions.	
5.1.14	LCD persistence display unit and persistence scope mounted on the gantry for continuous display of patient position and gantry parameters.	
5.1.15	Gantry must have emergency stop buttons.	
5.2	Dual/Triple Gamma detectors	
5.2.1	The system shall comprise of a minimum of two detector heads. A triple head system may be preferable. Bidder to specify.	
5.2.2	The imaging field of view of the detectors must be a minimum of 500 mm x 380 mm.	
5.2.3	The thickness of the sodium iodide crystal shall be 9.5 mm (0.375 inches).	

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5.2.4	The bidder to state if there is a functionality for automatic correction for energy, linearity and uniformity.	
5.2.5	There should be 55 or more photomultiplier tubes (PMT) per detector with 1 ADC per PMT.	
5.2.6	The detectors shall be adequately shielded. Shielding characteristics shall be: 5.2.6.1 Back: Minimum of 9.5 mm 5.2.6.2 Sides: Minimum 12.7 mm 5.2.6.3 Patient direction: maximum – 36.4 mm, Minimum – 27.9 mm 5.2.6.4 Edge to edge: detector housing and FOV – 7.6 mm	
5.2.7	The intrinsic spatial resolution shall be: 5.2.7.1 FWHM in the central field of view (CFOV): ≤ 4 mm 5.2.7.2 FWTM in CFOV: ≤ 8 mm 5.2.7.3 FWHM in UFOV: ≤ 4 mm 5.2.7.4 FWTM in UFOV: ≤ 8 mm	
5.2.8	Intrinsic energy resolution shall be better than: 5.2.8.1 FWHM in UFOV: 10%	
5.2.9	The Intrinsic flood field uniformity shall be: 5.2.9.1 Differential (CFOV): $\leq 2.5\%$ 5.2.9.2 Integral (CFOV): $\leq 3.0\%$ 5.2.9.3 Differential (UFOV): $\leq 2.7\%$ 5.2.9.4 Integral (UFOV): $\leq 4\%$	
5.2.10	System spatial resolution (LEHR at 10 cm) shall be better than: 5.2.10.1 FWTM in CFOV: 7.8 mm 5.2.10.2 FWTM in UFOV: 15 mm	
5.2.11	Intrinsic spatial linearity: 5.2.11.1 Differential (CFOV): ≤ 0.2 mm 5.2.11.2 Absolute (CFOV): ≤ 1 mm 5.2.11.3 Differential (UFOV): ≤ 0.2 mm 5.2.11.4 Absolute (UFOV): ≤ 1 mm 5.2.11.5 Multiple window spatial registration: ≤ 1 mm 5.2.11.6 Intrinsic count rate: >300 kcps 5.2.11.7 Intrinsic spatial resolution at 75 kcps FWTM (CFOV): ≤ 4.6 mm FWTM (UFOV): ≤ 9 mm 5.2.11.8 System planar sensitivity (LEHR at 10 cm) Absolute: 150 cpm/ μ Ci or more 5.2.11.9 System planar sensitivity (MEGP at 10 cm) Absolute: 140 cpm/ μ Ci or more 5.2.11.10 System planar sensitivity (HEGP at 10 cm) Absolute: 95 cpm/ μ Ci or more 5.2.11.11 Reconstructed spatial resolution with scatter (LEHR):	

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	≤ 11 mm	
5.2.12	All service and calibration phantoms shall be included in the bid offer. State details.	
5.2.13	The bidder to state type and duration of calibration procedures.	
5.2.14	It is required that the unit is calibrated according to NEMA standards. These tests must be performed on site during commissioning of the unit. All phantoms must be supplied by the company but can be returned after commissioning.	
5.3	Collimators:	
5.3.1	One set of low energy high resolution (LEHR) collimators and collimator exchange cart.	
5.3.2	One set of low energy general/all purpose (LEGP/LEAP) collimators and collimator exchange cart.	
5.3.3	One set of medium energy general purpose (MEGP) collimators and collimator exchange cart.	
5.3.4	One set of high energy general purpose (HEGP) collimators and collimator exchange cart.	
5.3.5	One pinhole collimator and collimator exchange cart.	
5.3.6	One set of dedicated multifocal cardiac collimators (with reconstruction software) and collimator exchange cart.	
5.3.7	One set of dedicated multifocal brain collimators (with reconstruction software) and collimator exchange cart.	
5.3.8	Bidder to state the possibility to store the collimators under the bed of the gamma camera.	
5.3.9	Bidder to state whether automated collimator exchange is possible.	
5.3.10	Bidder to state the time duration for a typical collimator exchange procedure. Please provide details and assumptions used.	
5.4	CT Scanner:	
5.4.1	A minimum of 16-slice CT scanner is required. Please specify.	
5.4.2	The following scanning modes are required, with descriptions and possible scan parameters used: 5.4.2.1 Scout view (or pilot view or scanogram or topogram) at any gantry angle showing location of the slices to be acquired and reconstructed. Variable slice spacing should be allowed on one patient study. 5.4.2.2 Single axial scan mode. 5.4.2.3 Helical scan mode. 5.4.2.4 Multiple slice helical scan mode. 5.4.2.5 The bidder to state any other scan modes that enhance clinical applications.	
5.4.3	The bidder to state full details of scan indexing, slice thickness, table speeds and reconstructions for the offered system.	

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5.4.4	A variable pitch setting is required for spiral scanning mode.	
5.4.5	Image reconstruction using either 180° or 360° gantry rotations should be possible. The bidder to state the available options.	
5.4.6	The offered system should include CT reconstruction algorithms based on filtered back-projection and iterative reconstruction.	
5.4.7	The bidder to state display matrices available.	
5.4.8	The bidder to state reconstruction matrices available and provide details of where different matrices would be used.	
5.5	CT Gantry:	
5.5.1	Employment of the most modern and up-to-date slip-ring design technology is preferred. The bidder to state the technology employed.	
5.5.2	A gantry bore of at least 70 cm is required. The bidder to state their offered unit's gantry bore size.	
5.5.3	Shall have the capability to allow for scans to be performed either head-first or feet-first, supine or prone.	
5.5.4	Variable Field of View (FOV) of at least 500 mm. The bidder to state their offered unit's Field of View (FOV) options, with best resolutions at each size.	
5.5.5	The bidder to state their offered unit's detector sampling rate per rotation.	
5.5.6	The bidder to state their offered units scan times. Scan times should be less than 1 second per 360° rotation.	
5.5.7	Visual readout on the gantry of the following shall include: 5.5.7.1 Bed height 5.5.7.2 Position of bed	
5.6	X-ray Generator:	
5.6.1	The bidder to state their offered unit's mA value for the generator at sub-second speeds.	
5.6.2	The bidder to state their offered unit's kVp settings and selection range.	
5.6.3	The Generator and tube output shall be sufficient to guarantee a full helical scan at the stated lowest contrast resolution. The bidder to state the factors used: kVp, mA, time, FOV, and Dose received.	
5.6.4	The bidder to state their offered unit's maximum mA and kV used, as well as the scan length for scout views.	
5.6.5	The bidder to state the maximum mA at 120kV required to obtain a spiral scan for 100 seconds of continuous radiation at the lowest stated low-contrast resolution.	
5.7	X-ray Tube:	
5.7.1	A high-speed rotating anode is required. Dual focal spot technology is preferred. Bidder to state the dual focal spot sizes.	
5.7.2	Specify the focal spot sizes in mm.	
5.7.3	The bidder to state the offered unit's MHU and available options.	

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5.7.4	The bidder to state the offered unit's anode heat dissipation assuming a cold start.	
5.7.5	Specify the method of x-ray tube cooling.	
5.7.6	The bidder to state the offered system's X-ray tube guarantee conditions. State in pro-rata applied mAs, and/or scan-seconds and/or rotations, and list any limitations i.e. scan seconds per month.	
5.7.7	Specify the expected tube life (A-hours).	
5.7.8	The bidder to state the current replacement price (including shipping and handling fees) of an X-ray tube (as supplied with the offered unit) at the quoted exchange rate.	
5.7.9	State X-ray tube type and manufacturer.	
5.8	Detection system:	
5.8.1	New generation detector technology allowing low-dose and high-resolution acquisitions is required.	
5.8.2	The bidder to state number and type of detectors employed.	
5.8.3	Preference will be given to offered systems where the coupled detector / tube assembly is based on slip-ring gantry design.	
5.8.4	Data acquisition system shall have a dynamic range of $\pm 1,000,000:1$. The bidder to state the offered unit's detector sampling rate.	
5.8.5	Specify the detector material used in the detection system.	
5.8.6	The bidder to state the offered unit's collimation systems details.	
5.8.7	Calibration and service phantoms shall be provided. Please specify.	
5.8.8	The bidder to state type and duration of calibration procedures.	
5.8.9	The offered system should have the ability to select multiple slice thicknesses. The bidder to state the range of slice thicknesses offered	
5.8.10	The bidder to state their offered unit's thinnest slice width. This should not be thicker than 0.7 mm.	
5.8.11	All detector innovations showing clinical benefit to the user, patient, dose, resolution and image quality need to be detailed with manufacturer documentation.	
5.8.12	The bidder to state the offered unit's dose-saving features. State any innovations to decrease patient dose and improve image quality.	
5.9	Patient Table:	
5.9.1	Load capacity of at least 200kg. The bidder to state the offered unit's maximum load capacity at full extension.	
5.9.2	The bed shall be lowered to such a height it will be easy for a wheelchair bound patient to get on to it. The minimum bed height should be less than 60 cm. The Bidder to state the offered patient table's minimum and maximum vertical height range.	
5.9.3	The bidder to confirm that the patient table vertical movement can occur independently of any other table movement.	

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5.9.4	The bidder to state the minimum clearance of the patient table above the bottom edge of the bore when the table is inside the gantry. State if an override condition is required to achieve this clearance.	
5.9.5	The bidder to state the offered patient table's longitudinal tabletop travel. The travel should be at least 200 cm.	
5.9.6	The bidder to state the re-positioning accuracy of the tabletop. This should ideally be at least +/-0.5 mm for a 180 kg patient.	
5.9.7	The tabletop should be radiolucent with minimal filtering effect.	
5.9.8	The patient table controls shall be available on both sides of the patient table or gantry.	
5.9.9	Patient positioning accessories (adult and paediatric) shall include: 5.9.9.1 headrest supports 5.9.9.2 coronal headrest supports 5.9.9.3 table leg extender 5.9.9.4 security/immobilizing straps 5.9.9.5 arm support for IV procedures 5.9.9.6 knee support 5.9.9.7 adjustable body and head clamp straps for adult patients 5.9.9.8 patient transfer board 5.9.9.9 mattress	
5.9.10	All other accessories and options available on the patient table shall be clearly indicated and quoted as optional extras.	
5.10	Operator console/Acquisition station:	
5.10.1	A modern user interface with logical and intuitive operation is required.	
5.10.2	One operator console / acquisition station independent of main processing station capable of data acquisition in static, dynamic, multi-gated, list, whole body scanning, SPECT and gated SPECT with facility for anatomical markers.	
5.10.3	State of the art, high performance multi-core PC having a minimum of 16 GB RAM and 1 TB hard drive.	
5.10.4	At least one 24-inch colour LCD VGA/DVI/HDMI monitor with 1024 x 1024 matrix.	
5.10.5	ECG gating device with R wave display and print out or storage.	
5.10.6	Able to perform multi-tasking, including concurrent scanning, viewing, analysis and manipulation.	
5.10.7	Scan parameters should be easily selectable by a menu driven or equivalent system.	
5.10.8	The bidder to provide details and quantity of the preset protocols.	
5.10.9	Allowance for entry of user definable protocols for various anatomical regions. The bidder to state the quantity of available user defined protocols.	
5.10.10	Systems shall be able to store/archive images on commercially available CD, DVD disks and USB in a generally recognisable and readable DICOM format.	

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5.10.11	The option of writing a DICOM software viewer on each written CD and DVD and USB.	
5.10.12	The bidder to provide details about the image archiving and storage facilities as well as the number of 512x512 resolution images that can be stored on the internal hard drive(s). The hard drives(s) should be large-capacity industry standard, and easily upgradeable. bidder to provide details upgrades procedures.	
5.10.13	Offered systems are to provide radiation dose readout, preferably when the study is planned, as well as after scanning is completed for each patient.	
5.10.14	The bidder to provide details of reconstruction time for all matrices and scanning modes i.e. sequential and spiral modes. The reconstruction time should be equal to or less than 1 second per 512 x 512 matrix image to avoid long delays waiting for images to be reconstructed.	
5.10.15	Reconstruction of scout views (or pilot view or scanogram or topogram) shall be in real-time.	
5.10.16	The bidder to state, with details, all software applications supplied with the offered operator's console. Anti-virus software must be included and updated regularly.	
5.10.17	The bidder to state any other available software applications not supplied with the offered operator's console with details and pricing as optional extras.	
5.10.18	Image archiving shall be available from the operator's console.	
5.10.19	The offered system's operator console shall have the following image viewing capabilities and/or features and/or requirements as a standard: 5.10.19.1 Adjustable window levels and widths. The bidder to state the window level and width ranges offered. 5.10.19.2 The bidder to state the programmable window settings. 5.10.19.3 Image Rotation. 5.10.19.4 Multiple and simultaneous display of gamma camera, CT images and fused images. 5.10.19.5 Image Magnification. 5.10.19.6 Comment display. 5.10.19.7 Annotation. 5.10.19.8 Arrow Insertion. 5.10.19.9 Distance and angle measurement. 5.10.19.10 Co-ordinates in cm, or mm and pixels, HU of the cross hair or cursor position on the image. 5.10.19.11 ROIs of all types shall be provided, including circular, oval, square, user defined and automatic. 5.10.19.12 The bidder to state the number of simultaneous presentations of ROI's, stating mean, standard deviation, area volume and number of pixels. 5.10.19.13 Simultaneous scout view (or pilot view or scanogram or topogram) and reference axial image display.	

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	5.10.19.14 CT number values including mean, standard deviation and area displayed within ROI. 5.10.19.15 Gamma camera values including number of counts, mean, standard deviation and average counts. 5.10.19.16 Double window technique. 5.10.19.17 Image addition. 5.10.19.18 Image subtraction. 5.10.19.19 Fusion imaging techniques. 5.10.19.20 Reconstructive continuous zooms using raw data as well as high zoom. 5.10.19.21 Reconstructive filters to enhance specific parameters. State what is provided and available. 5.10.19.22 Matrix filters for smooth, recursive or edge enhancement displays. 5.10.19.23 Beam hardening correction. 5.10.19.24 Metal artefact correction. 5.10.19.25 Segmental reconstruction. 5.10.19.26 Cine reconstruction and view. 5.10.19.27 A combination of Distance, ROI, Grid, and Comment should be simultaneously possible in one image.	
5.10.20	The offered system shall contain a console to gantry two-way intercom for patient communication in one integrated system.	
5.10.21	The display monitor on the control console is required to display the following data/information: 5.10.21.1 Patient and institution information. 5.10.21.2 Date and time. 5.10.21.3 Display software help functions, to be outlined in detail separately. 5.10.21.4 Previously reconstructed images during or between scans. 5.10.21.5 Display window width. 5.10.21.6 Display window levels. 5.10.21.7 Count rate. 5.10.21.8 Time remaining. 5.10.21.9 Accepted / rejected beats. 5.10.21.10 Orientation. 5.10.21.11 Isotope. 5.10.21.12 Detectors. 5.10.21.13 Matrix size. 5.10.21.14 Energy spectrum. 5.10.21.15 Display of a grey scale. 5.10.21.16 Tube potential. 5.10.21.17 X-ray tube use monitor. 5.10.21.18 mAs value. 5.10.21.19 Table position. 5.10.21.20 Enlargement factor. 5.10.21.21 Slice thickness. 5.10.21.22 Image size. 5.10.21.23 Radiation dose.	

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	5.10.21.24 Cursor/pixel position address or co-ordinates and associated CT number value.	
5.10.22	The offered system should export patient dose data using CT DICOM radiation dose structured report (RDSR) standard.	
5.11	Quality Assurance equipment:	
5.11.1	All SPECT and CT service and calibration phantoms for routine quality control shall be included in the bid offer. State details.	
5.11.2	All applicable software licenses for quality control for SPECT and CT shall be provided. Please specify which licenses are included.	
5.11.3	The bidder shall supply applicable point source holders for routine quality control. State details.	
5.11.4	A flat, rigid Co-57 flood source of a least 555 MBq (strength on the day of the delivery) for a rectangular field of the size adequate for the gamma camera and a lead storage container on wheels shall be supplied. Calibration certificates shall be supplied on delivery.	
5.11.5	A dynamic line phantom, equivalent to the VERTO Leeds Test Objects, for gamma cameras that enables standard test programs including uniformity sweeps, centring tests, parallel lines and spatial resolution patterns shall be supplied by the successful bidder. The supplied set should include the motion actuator, transparent fillable line source, all attenuators, tungsten mask and protective carry bag.	
5.11.6	A 4-Quadrant bar phantom for routine quality control to be supplied by the successful bidder.	
5.11.7	The successful bidder shall supply all equipment and phantoms needed to perform the manufacturer's defined quality control tests and calibrations, including: 5.11.7.1 Energy calibration (peaking) 5.11.7.2 PMT tuning 5.11.7.3 Uniformity 5.11.7.4 COR	
6.	NETWORKING:	DETAILS OF OFFER
6.1	Full integration of the offered system, i.e., SPECT/CT and all accessories, hardware, and software, with all components in the division.	
6.2	All the relevant components offered (operators' console and doctors' viewing workstation) shall be networked together via Ethernet and have all the necessary DICOM nodes to establish image query/retrieve, image transfer, and image printing using DICOM protocol between the offered components themselves and HERMES.	

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6.3	The acquisition station shall be connected to the current and any future Venus (Nuclear Medicine information) system to allow for utilization work lists. Any costs associated with this connection shall be borne by the successful bidder.	
6.4	The successful bidder is responsible for all licenses and nodes and associated fees required for integration with the existing and future Nuclear Medicine networks (HERMES and NIMIS).	
6.5	The offered workstations (acquisition station and doctors' processing station) should be fully DICOM compatible allowing transfer of images and data, including raw data, from and to HERMES.	
6.6	If further integration on the PGWC network is possible, it will be considered an advantage.	
6.7	The bidder to state the DICOM Services (DIMSE-C & DIMSE-N) and DICOM Service Classes included in their offer.	
6.8	The following software functions must be available and included, but not limited to: (a) Import and export of files in TIFF, GIFF, BMP, CART, AVI, JPG and DICOM format. (b) Import of configurable pure pixel data.	
6.9	The cost of networking the system to all existing equipment must form part of the installation cost and must be included in bid.	
7.	INSTALLATION REQUIREMENTS:	DETAILS OF OFFER
7.1	The equipment shall be installed in the current SPECT/CT Suite in the Nuclear Medicine Department, 10 th Floor, Tygerberg Hospital. The bid price shall include delivery, any rigging necessary for access, installation and acceptance testing of equipment, as well as preparing and making good the access route and relevant spaces.	
7.2	The bid price shall include all installation costs and all costs of any alterations that might be necessary for the successful installation and functioning of the equipment. This includes strengthening of the floor structures and provision of a new control room. The alterations shall be detailed and priced on a separate schedule.	
7.3	The bidder shall be required to renovate the physical location of the offered SPECT/CT scanner system including the adjacent room for the establishment of a control room according to the scope of works document.	
7.4	The equipment layout and the alterations shall be shown on a plan that must be submitted with the bid documents.	

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7.5	The Bidder shall satisfy themselves as to the suitability of the power supply and the isolator. Bidders should test the current power supply to ensure conformity with the equipment offered. Should upgrading of the power supply or additional isolators, switches or filters be required, the cost of these and their installation shall be included in the bid price and detailed in a separate schedule.	
7.6	Bidders shall satisfy themselves as to the environmental conditions. Any additional features that are required, such as air conditioning, shall be detailed and included in the price.	
7.7	This bid calls for a new state-of-the-art, SPECT/CT scanner, installed, networked, fully functional, commissioned and ready for use by the Department. Bidder shall include and specify all additional costs not covered by the above to achieve this goal.	
7.8	The successful Bidder shall make good any damages that occur to the walls, floors, ceiling, air conditioning, electrical wiring, or computer network during installation.	
7.9	The successful Bidder shall first discuss all proposed changes with Tygerberg Hospital representatives. The successful Bidder may only commence with the proposed work when approval from the Department is granted.	
7.10	The successful Bidder shall submit detailed floor/building, electrical wiring, and plumbing drawings/schematics. Should any structural changes, air conditioning, electrical distribution or any electrical wiring be required this must be indicated.	
7.11	Any alteration or additions (structural, electrical, plumbing, networking, cooling and cosmetic) that are required to the physical location or environment of the SPECT/CT and control area, or to install the SPECT/CT and its associated equipment, shall form part of the complete offer.	
7.12	The structural reinforcement of the floor structures to support the weight of the system should be included in the bid.	
7.13	Building alterations shall be quoted on separately and shall be discussed at the compulsory site meeting.	
8.	AIR CONDITONERS & CHILLER (IF APPLICABLE):	DETAILS OF OFFER
8.1	The successful Bidder shall be responsible for the supply and installation of the air conditioners needed in the camera room as well as the control room to support the unit.	
8.2	Should external air conditioning ducting be required, such systems will be installed as part of the bid in consultation with the Engineering Department.	

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8.3	The bid must include all costs (supply, delivery, installation, interconnection, and commissioning) for a Chiller unit (if required) for the SPECT/CT as part of the main bid price.	
8.4	The Bidder must provide full details including make and model of proposed Chiller unit and installation requirements (if applicable).	
8.5	The Bidder must provide proposed site layout of the Chiller Unit (if applicable).	
9.	UPS AND SURGE PROTECTION:	DETAILS OF OFFER
9.1	An in-line uninterrupted power supply (UPS) shall be supplied by the successful bidder to power the operator's console, processing workstations (if applicable) and SPECT/CT camera during interruption of normal supply and shall provide back-up power to ensure the safe shutdown of the system(s) to prevent damage and/or loss of data.	
9.2	All equipment supplied will be fitted with adequate surge protection devices that are not one-off surge, but multi-surge protection devices.	
10.	SYSTEM WARRANTY:	DETAILS OF OFFER
10.1	A minimum warranty period of 24 months is applicable. All parts and labor and travel costs shall be included during the warranty period. State included warranty period.	
10.2	All software upgrades shall be supplied free of charge in the warranty period.	
10.3	The warranty period shall start once acceptance testing is completed.	
10.4	A loan unit shall be supplied for immediately movable items whilst a unit is malfunctioning during the guarantee period for longer than 5 working days. Failing this condition will result in the user renting a similar unit and the Bidder shall carry the cost.	
10.5	The same warranty conditions shall apply to loan units.	
11.	UPGRADE POLICY:	DETAILS OF OFFER
11.1	The Bidder shall describe their upgrade policy for future equipment improvement (hardware and software).	
11.2	All future upgrades, which affect patient safety, (hardware and software) shall be offered and supplied at no additional cost.	
11.3	All future upgrades removing software bugs from existing software shall be supplied at no additional cost.	
12.	REGULATIONS AND GENERAL SAFETY:	DETAILS OF OFFER
12.1	All equipment, the installation and any alteration/additions shall comply with all international safety regulations relevant to the installation and use of SPECT/CT and all ancillary support systems, and specifically, but not exclusively, to: a) The Occupational Health and Safety Act (1993)	

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	b) The wiring code SANS 10142 c) Building regulation SANS 10400 d) Hazardous Substance Act (1973) and e) The radiation safety regulations as laid down by the Directorate Radiation Control of the Department of Health and SAHPRA.	
12.2	Any regulations relevant to the safety of patients and operators of the system and peripheral equipment and all personnel present in the room, whether in use or not.	
12.3	The onus will be on the successful bidder to ensure that a license for use is issued in terms of the Hazardous Substance Act (1973) by SAHPRA Radiation Control on the installed system and site.	
12.4	The offered system shall have all safety markings in English language.	
12.5	Radiation warning lights, signs and emergency stops in accordance with SAHPRA Radiation control must be included in the bid.	
12.6	All building alterations, including plumbing, shall be in accordance with SAHPRA Radiation control requirements.	
13.	GENERAL MAINTENANCE INFORMATION:	DETAILS OF OFFER
13.1	The Bidder shall provide spares, components, upgrades, and support for technical and clinical staff of Tygerberg Hospital, over the expected life expectancy of the offered system, including software.	
13.2	The Bidder shall provide a firm commitment, in writing, from the principal manufacturer that the latter would fulfil the requirement stated above, should their local agents/supplier default.	
13.3	The Bidder shall provide a firm commitment from the principal manufacturer on the availability of the offered unit's spare parts and software. A minimum period of 10 years after the end of standard production of the equipment is required.	
13.4	The Bidder shall provide a firm commitment from the principal manufacturer that the spare parts will be available at market related prices (consideration will be given to normal price escalations and rates of exchange) for the period stated above.	
13.5	State the service intervals per year as prescribed by the manufacturer. Supporting documents shall be provided and clearly marked.	
13.6	State the duration of each service mentioned above (hours).	
13.7	State the number and names of technicians in your employ in the Western Cape and state the address of your repair facility.	
13.8	Only offers that are supported by competent technical personnel located in the Western Cape will be evaluated.	

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13.9	The bidder shall have factory-trained technical support technicians in their direct employment which are based within a 30 km radius from Tygerberg Hospital.	
13.10	An on-site response time of maximum 1 hour for local technical support is required. Bidder to state maximum response time.	
13.11	State the approximate turnaround time for spares in the case of a breakdown when the spares must be ordered from abroad. (Maximum downtime)	
13.12	The Bidder must indicate which consumable and non-consumable items are required for the normal operation and standard maintenance of the offered equipment.	
13.13	All spares replaced shall be new and carry a manufacturer warranty. State the warranty period of replaced spares.	
13.14	The Bidder shall supply all software (including software-keys and/or passwords) to allow for trouble shooting (fault finding), maintenance, calibrations, repairs, and services at no additional costs.	
13.15	State the maximum ambient room temperature and humidity allowed for the system to function normally.	
13.16	Air conditioning systems, to control the SPECT/CT imaging and control room conditions within specification levels for normal functionality, shall be installed as part of the bid.	
13.17	State the power requirements of the system under full load (in Watts).	
13.18	The successful Bidder shall supply the original fully detailed technical/workshop maintenance manuals (not photocopies or copied CD's) at no additional cost.	
13.19	Bidder to supply a detailed description of work carried out during each service, including what preventative maintenance is being done at each service.	
14.	PENALTIES:	DETAILS OF OFFER
14.1	The Bidder guarantees that the SPECT/CT system will have an up time of at least 98% (excluding outages for scheduled maintenance or external causes).	
14.2	Uptime is calculated on a basis of two hundred and fifty (250) operating days per year (weekly working days).	
14.3	Should the down time exceed two (2) working days cumulative on a six (6) months basis (i.e., summing up the hours), then the warranty and/or maintenance (as applicable) will be extended for a corresponding period.	
14.4	These penalties could be expanded and negotiated at the discretion of the Western Cape Department of Health & Wellness	

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	and will be addressed during the finalisation of the maintenance agreement.	
15.	MAINTENANCE CONTRACT:	DETAILS OF OFFER
15.1	Bidder to state guarantee period.	
15.2	A fully inclusive and comprehensive service, repair, and maintenance agreement contract for a three (3) year period <u>after</u> the warranty expiry date must be provided with an option to extend for two years. The Bidder must provide a pricing schedule listing year two to four (first year to third year of contract). The following requirements must be included in the 3-year maintenance agreement: a) All spare parts, b) Items supplied as part of the bid must form part of the contract, including all third-party equipment, hardware, and software, c) All accessories and options included must form part of the contract, d) Air conditioning, and chiller unit (if applicable).	
15.3	Preventative and corrective labour must be included.	
15.4	All traveling must be included.	
15.5	Guaranteed onsite response times of 1 hour.	
15.6	Immediate initial telephonic response.	
15.7	All preventative services per annum as required by the manufacturer must be included in the contract.	
15.8	After hours work policies for service engineers to be provided.	
16.	COST OF OWNERSHIP:	DETAILS OF OFFER
16.1	All parts, maintenance, corrective maintenance, labour, and travel costs must be included during the warranty period. The warranty period shall only commence once the unit is installed and operational and acceptance has been signed.	
16.2	State the percentage annual increase planned for in the estimate above.	
16.3	The Bidder must indicate the life expectancy of their offered system and software.	
16.4	The Bidder must provide a detailed breakdown of the cost of ownership of their offered system. The fully comprehensive maintenance contract must include the SPECT/CT and all supplied hardware, accessories, and software. Cost of the complete system plus 3 year fully comprehensive maintenance contract will form part of the evaluation criteria.	
17.	TRAINING:	DETAILS OF OFFER
17.1	Full training on the SPECT/CT (including hardware and software) shall be included as part of the offer.	

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17.2	Full training on all other equipment, hardware and software included in the bid will be offered, as part of the bid, to enable end-users to use the system safely and independently.	
17.3	International training must include full cost of training, accommodation, and travel. Bidder to state what is offered as part of the bid.	
17.4	The Bidder must undertake to provide a comprehensive on-site training schedule for all users of the Hospital. Bidder to specify intervals of training.	
17.5	On-going application support during the warranty period must be provided at no additional cost.	
18.	DOCUMENTATION:	DETAILS OF OFFER
18.1	All documents must be in English and original documents – no copies will be accepted and at least one document must be supplied in a paper format, properly bound.	
18.2	One complete set of comprehensive workshop/service manuals, including wiring schematics and service software/passwords, must be supplied.	
18.3	One complete set of user manuals must be supplied.	
18.4	A licence issued in terms of the Hazardous Substances Act (Act No. 15 of 1973) must be submitted with the bid. Failure to submit such a licence will result in the bid not being considered.	
18.5	Bidder must be registered with SAHPRA as a health products supplier.	
19.	SPECIFIED OPTIONS TO BE INCLUDED:	
19.1	Bidder to supply a separate quote for one state-of-the-art processing computer workstation with two high resolution flat screens, a keyboard and mouse.	
19.1.1	USB, CD-DVD RW, or its equivalent export options must be provided.	
19.1.2	The image transfer shall occur in the background and shall not cause any bottlenecks nor interfere with other functions.	
19.1.3	All non-acquisition-based software and all information to be the same as the operator console / acquisition station.	
19.1.4	Additional software applications should include: (a) SPECT reconstruction (b) Whole body (c) Whole body SPECT (d) Organ specific protocols e.g. kidneys, lungs, heart, thyroid, brain, gall bladder, liver. (e) 2D and 3D volumetric visualisation and quantification of myocardial viability and perfusion and correlation with angiography.	

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	(f) Quantitative evaluation and display of 2D/3D gated and non-gated myocardial perfusion. (g) QGS/QPS/QBS toolbox with 2D/3D display and review of wall myocardial perfusion analysis (h) Volumetric calculations from ROIs of sequential or non-contiguous slices shall be possible. (i) The offered workstations shall include a software package for 'Viewing', 'MPR', '3D' and 'Volume' rendering. (j) Apart from inbuilt SPECT/CT software for fusion, separate software for fusion of imported CT and MRI data with SPECT. The fusion algorithms should include the "Mutual Information" algorithm.	
19.1.5	The bidder to quote on all additional available software packages as optional extras.	
19.1.6	Anti-virus software to be installed and updated regularly.	
19.1.7	The bidder shall configure, enable and cover any additional licensing/configuration fees to allow the offered processing computer(s) to seamlessly export the reconstructed data to HERMES for reporting purposes.	
19.2	Bidder to supply a quote for an absolute quantitative SPECT/CT solution for Lu-177 theragnostic applications.	
20.	UNSPECIFIED OPTIONS:	DETAILS OF OFFER
20.1	The Bidder is requested to offer (with costs and quoted separately) any additional available software or hardware options not specifically specified in this bid, and to motivate the benefits of each option. Quotation to be attached as addendum to pricing schedule.	

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SITE MEETING NOTES FOR SPECT CT AND CONTROL ROOM, C10
NUCLEAR MEDICINE TYGERBERG HOSPITAL

A compulsory site meeting will be held for the SPECT CT and Control Room, C10
Nuclear Medicine

All prospective bidders must report to the Administration Building, Entrance 1 (West Side), Tygerberg Hospital, at 10:45am on Friday, 21 August 2026 to complete the attendance register. The site meeting will commence immediately thereafter.

Failure to attend the compulsory site meeting and sign the attendance register will result in the bid being deemed non-responsive.

Please note that the site meeting notes shall form part of the specification document
1.

Strengthening of Camera Room Floor

The floor of the Camera Room needs to be strengthened according to the assessment report attached, from Neil Lyners and Associates (RF) dated 08 December 2025. The Bidder shall also after the strengthening has been completed, before installation of new unit start, get a certificate from Neil Lyners and Associated (RF) to confirm that the strengthening was done correctly.

Obtaining the certificate shall be for the Bidder's account.

The Bidder shall be responsible for the contractor they appoint to make sure they comply to all Occupational Health and Safety rules.

The successful Bidder shall appoint a project manager for the renovations and installation of unit and TBH will communicate with the project manager about this project and not directly with the contractor and workers on site to make sure that there is no misunderstandings and deviations from specifications.

2.

DB BOARD ,LIGHTS AND SWITCHES INSTALLATION

Werner Kruger from Electrical Department will be the contact person at TBH for the electrical work. Office number 021 938 4240, cell no. 074 445 2667, Werner.Kruger@westerncape.gov.za
Werner will be able to take Bidder to a site where this specific light installation was already done.

3.

PREP -FLOORING

Remove existing vinyl flooring and discard off site in camera room.

Do moisture detection on flooring in camera and control room and if moisture is detected do moisture barrier

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Strip and grind floor smooth, to install new vinyl flooring. Vinyl flooring rolls of 20m long, 2m width, 205mm Polyflor Vinyl shall be used, fixed with an appropriate adhesive with continuous welded seams in strict compliance with manufacturer's instructions. The colour to be supplied is 2000 PUR – 8230. Vinyl coving of 150mm in the same colour as floor shall be done with a capping strip in grey colour.

The Camera room is +- 36 and the control room +- 10 square meters so +- 46 square meters in total. Bidders to do their own measurements to get an accurate measurement.

Vinyl flooring need to be treated after installation as per manufacturer's specifications.

The Polyflor Vinyl need to be installed in conjunction with the Polyflor and Mapei representatives. For Polyflor it is Pricilla Bouman – cell no, 082 307 1015 and mail pricilla@polysales.com. For Mapei it is Paul Vincent – cell no. 082 717 7462 and mail p.vincent@mapei.co.za

After installation the 10 year Polyflor warranty certificate must be submitted to TBH. The warranty certificate will only be issued by Polyflor if they are part of the project to come and inspect at the different stages.

Please pay close attention to Annexure A – Installation procedures for Vinyl Flooring and make sure all steps are followed in conjunction with Polyflor and Mapei.

4.

PAINTING-PREP WORK OF WALLS AND CEILINGS

Repair all cracks and defects, prepare as specified, brush to remove all loose flakes and contaminants from wall.

Remove all insulation in the Control room before preparing the walls.

Paint metal door frames.

Repair ceiling in the control room. Repair cracks and defects, prepare as specified, brush to remove all loose flakes and contaminants from ceilings.

Remove all trunking that is not being used anymore before preparation of walls begin.

All accessories and blinds must be removed before walls are prepared and painted. Accessories that need to be kept and re-installed will be marked by department before the start of project.

All cables shall be neatly tucked away in trunking before walls are painted.

PAINT- WORKS

Supply and Apply 2 coats Masonry undercoat water base paint to walls

Supply and apply 2 Coats **Plascon Cashmere Stucco White 8890/1** paint on walls.

Supply and apply **Plascon Velvaglo Sterling 39** paint on all shaft/duct doors, doors and door frames.

CEILINGS

Supply and Apply 2 coats PVA undercoat paint in white in control room

Supply and apply 2 Coats Plascon Matt Finishing paint in white in control room.

5.

CONTROL ROOM

In the wall that separate the Control and Camera room a standard size single door and window of 700x1400 mm shall be installed. The window shall be of 2mm lead glass.

The door shall have lead protection adequate as per Radiation Control.

Work tops, as per sketch, shall be installed. Shall be on metal legs with Eazi Quarts Sparkle tops approximately 750 mm high.

Two credenzas with 3 drawers each, in light grey melamine, on castors, shall be supplied to fit under the counter in the control room. Dimensions approximately 500 mm wide, depth to fit

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perfectly under the 600 mm depth counter, height to fit perfectly under counter. Brushed Satin Nickel, 128mm, Bar Handle (Gelmar) shall be installed for drawers.
There shall be space under the counter for the computers and the computers shall not be on the floor. Bidder to supply brackets to mount the computers.
Plugs shall be installed in the control room. Two (2) double plugs shall be installed for the users plus the number of plugs needed by Bidder to power up all the equipment in the control room.
Four dimmable downlighters shall be installed. Installation and light shall be the same as in other existing control room. All wiring in bosal piping.
All the light switches of camera room and control room, with dimmers shall be installed in the control room.
One 12 000 BTU Aircon shall be installed in the Control room. All bidders to quote on Alliance Inverter aircon.
An air vent shall be installed form passage side in the wall.
Network points need to be moved to Control Room from Camera Room. The number of points needed for the equipment supplied shall be determined by Bidder and another 2 extra points shall be installed.
The outside door of control room shall be replaced with an aluminium door with the top half fitted with a window.

6.

CAMERA ROOM:
DB board and mains shall be upgrade (same as previous installed Gamma Camera).
Two 18 000 BTU aircons shall be installed in the Camera Room. Bidder to determine installation positions according to the SPECT CT position so that cold air does not blow directly onto the patient through the gantry.
The four existing lights need to be replaced with Lights by Linea LLED1460W recessed ceiling mounted lights, 1200 x 600 mm, 60W, 220-240V, 4000K. The lights shall also be dimmable.
Four Downlighters – dimmable shall be installed with the switch in the control room (same as in existing camera room).
The light switches for the Camera room shall be relocated to the Control Room.
Outside double door needs to be checked if lead protection will be sufficient for new unit.
Below the window separating the control and camera room a cupboard in light grey melamine shall be installed with dimensions 1250 mm(L) x 600 mm (D) x 750 mm (H). The cupboard shall be mounted castors and shall be fitted with 2 sets of 3 drawers. Brushed Satin Nickel, 128mm, Bar Handles (Gelmar) shall be fitted on the drawers.
In the corner of room (see sketch) a cupboard in light grey melamine, 1000 mm (W) x 1200 mm (H) x 600 mm (D) shall be installed, with two doors and Brushed Satin Nickel, 128mm, Bar Handles (Gelmar). Inside there shall be shelves that can be adjusted by users depending on what they want to store on the shelves. The cupboard shall be on 100 mm metal legs.
The two windows, approximately 2360 mm x 1690 mm, shall be fitted with vinyl block out roller blinds. Each window shall be fitted with 2 blinds, each blind covering half of the window. Colour shall be light grey and Bidder to supply samples to users to decide on the colour.
A stainless shelve of 1000 mm (H) x 450 mm (D) x 600 mm (W) as per picture attached. The shelve shall have 3 shelves in total and it shall be bolted to the wall for safety, the users shall decide on where to install when the layout of the room and where SPECT CT is going to

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installed was decided. (Sample of exactly how the shelf shall be manufactured can be viewed on appointment in Main Kitchen).
A new white porcelain Basin and elbow tap mixer shall be installed in the Camera room. Bidder to ensure that the outlet complies with the Radiation Control Guidelines. Sample pictures of the elbow tap mixer shall be shown to users to make a decision on what tap they want.
The current 4 door cupboard shall be removed and taken off site by Bidder.

7.

<u>ACCESSORIES AND GENERAL</u>
Two (2) visitor chairs shall be supplied as per picture attached.
Five (5) Office chairs shall be supplied as per picture attached.
One (1) Parrot Magnetic white board, 1200 x 1000 mm, with aluminium frame, Parrot starter pack and two 6-packs of Parrot magnetic circles, 20 mm.
Please note that the machine details in the Engineering report used was only to supply the Engineers with general information regarding the footprint and weight of a unit for them to compile the report on strengthening needed. This is not because there is a preference for a specific make and model.

Brushed Satin Nickel, 128mm, Bar Handle (Gelmar



20mm Eazi Quarts Sparkle counter top



Sample of stainless steel shelving

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Arch Visitors Armchair - Oak Laminated - 4 Legged - Contract Black -Waltons (or similar)

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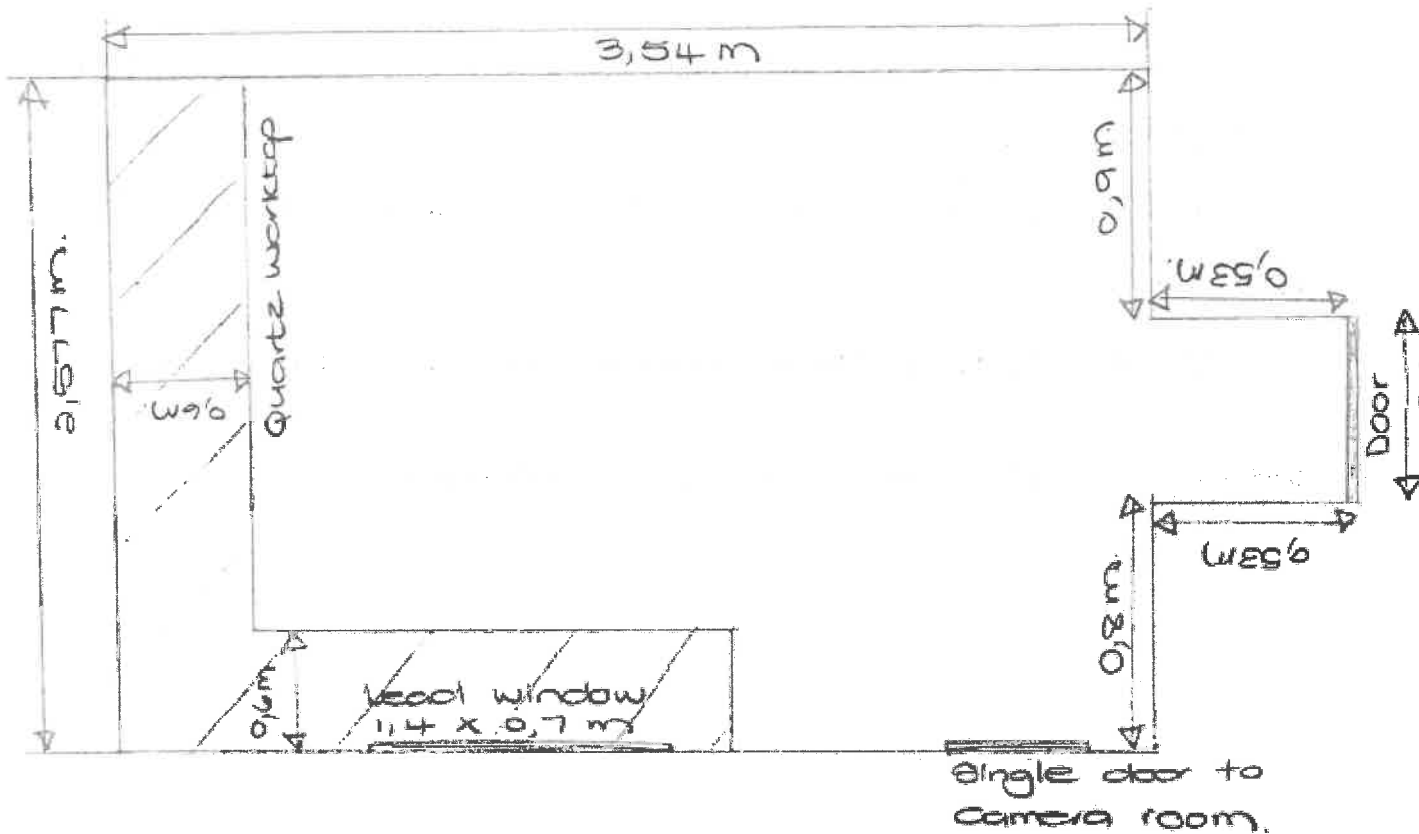
Office chair – Class Chrome – Midback Chair (Ribbens office National) or similar

CODE: DITCLASSCHR



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Control Room



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Annexure A: Vinyl Flooring Installation

Site Details

General specification for the installation of Vinyl Sheetting.

NB: All old adhesive/glue and any defective screeds must be completely removed.

Recommended system - **self-levelling/smoothing compounds and primer / moisture barrier and adhesive.**

Floor covering: Vinyl sheetting.

- Polyflor Vinyl Sheetting

Substrate:

- Existing concrete floors. Old floor finishes to be removed.
- New Concrete / screeded floors

Mapei Product Requirements

- Crack Repair: Eporip** (if required)
- Repair and Smoothing Compound: Planipatch Xtra** (if required) (for the closing of saw cuts joints)
- Topcem Pronto** (Ready-to-use, quick drying screed) bonded with Bonding Slurry using **Planicrete SP** (latex additive for mortar and cementitious additives) (if required)
- Primer G** (Option should moisture levels be below required readings)
- Eco Prim PU 1k** (Option if required moisture levels above recommend installation criteria)
- Primer Grip White** (Bonding slurry **Only** when using **Eco Prim PU 1K** moisture barrier)
- Ultraplan Eco** self-Levelling Screed: (for thickness from 1mm to 10mm)
 - Alternate self-levelling screed.: **Ultraplan Maxi** (for thickness from 3mm to 40mm)
- Recommended Adhesive: **Mapecryl Eco**

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Application Procedure

- If structural cracks are evident, they can be remedied using **Eporip**, if required.
- Repair and Smoothing Compound, **Planipatch Xtra**, if required.
- Screed application with **Topcem Pronto** and **Planicrete SP**, if required.
- Surface Grinding on all floors before priming/moisture barriers.
- **Primer G** to be applied should moisture levels be below required specification criteria for the installation of floor coverings.
- Should moisture levels be higher than required application levels required, then the application of **Eco Prim PU 1k** will need to be applied.
- **Primer Grip White** will need to be applied once the moisture barrier has been applied for the mechanical bond between **Eco Prim PU 1k** prior to the self-levelling/smoothing compound. Should the moisture levels be acceptable, and no moisture barriers used then only **Primer G** will prevail as the consolidator/primer between the screed and self-levelling compound.
- **Ultraplan Eco** - applied as a self-levelling screed @ 1mm-10mm.
- Adhesive – **Mapecryl Eco**

Detail method and application details are provided below for all specified products.

PRODUCT APPLICATION PROCEDURE

Surface preparation:

- The substrates must be cured, mechanically strong, free from loose particles, grease, oils, paint, wax and sufficiently dry.
- During spring and summer, renders must be cured for at least one week for every centimetre of thickness and cement screeds must be cured for at least 28 days, unless they have been made with MAPEI special binders for screeds such as **Mapecem**, **Mapecem Pronto**, **Topcem** or with **Topcem Pronto**.
- Dampen with water to cool surfaces which have been heated by exposure to sunlight. Gypsum substrates and anhydrite screeds must be perfectly dry, sufficiently hard and free from dust.
- In general, refer to the relative **MAPEI** technical documentation regarding substrate preparation before repairing cracks in substrates, consolidating rapid-drying screeds and levelling off installation surface.

A. Repairing of cracks using EPORIP (if Required)

Please refer to technical datasheet for product information and application.

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- b. Application of PLANIPATCH XTRA (Repair and Smoothing Compound) *(if Required)*.

Please refer to technical datasheet for product information and application.

- c. Screeding of Concrete Surface bed using TOPCEM PRONTO and PLANICRETE SP prior to installation *(if Require)*

Please refer to Technical datasheet for product information and application.

- D. **Application of PRIMER G** (Option should moisture levels be below required readings)

Consumption

The consumption of **Primer G** depends on the porosity and absorption of the surface. Normal consumption is between 0.08 and 0.15 kg/m².

Preparation of the substrate

- Substrates must be well-cured, sound, clean, dry and free of oil, grease, cement laitance, old paint and any other substance which could compromise the bond.
- Cementitious substrates must be stable and dry with no rising damp.
- Surface dust must be completely removed, and surface grinding may be necessary.

Application of the product

- Applying **Primer G**: Dilute **Primer G 1:1/1:3** with water.
- **Primer G** with a roller and allow to dry as per datasheet recommendations before you commence with other work.

- E. **Application of ECO PRIM PU 1K** (Option if required moisture levels above recommended installation criteria)

Consumption

Consumption varies with uniformity of substrate, the back of the flooring and type of trowel or roller used.

Eco Prim PU 1K:

0.2-0.4kg/m² per coat.

Two coats required.

Bonding Slurry needed: **Primer Grip White**

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Preparation of the substrate

- Substrates must be dry, level, sound, mechanically strong, free of dust, loose particles, cracks, paints, wax, oil, rust, traces of gypsum or other products that can interfere with bond.
- To repair cracks in the substrate, consolidate and waterproof screeds, form new fast-drying screeds and level uneven substrates, please refer to the relevant technical documentation or contact the Technical Services Department.
- If used for consolidating purposes, make sure that the porosity of the surface is sufficient.

Application of Eco Prim PU 1K

- Apply **Eco Prim PU 1K** with roller or brush.
- On porous substrates, a single application is usually sufficient to obtain a consolidating and waterproofing effect. On extremely porous substrates it's necessary to obtain a double coat to achieve two coats.
- Recommended time between each coat is three hours. Do not wait more than 12-24 hours between each application in order to guarantee the two coats obtain chemical bonds.

F. Application of PRIMER GRIP WHITE (slurry coat for Eco Prim PU 1K)

Consumption

0.2 and 0.30 kg/m², depending on the absorbency of the substrate.

- Substrates must be clean, dry, well cured and free of oil, dust and grease stains and any laitance or loose parts.
- There is no need to wet the surfaces before the application of **Primer Grip White**.
- Application of **Primer Grip White** with roller or brush.
- Once **Primer Grip White** has been applied render and **Ultraplan Eco** smoothing and levelling compounds may be applied once **Primer Grip White** has dried off.
- The minimum waiting time after application is from 30 to 60 minutes depending on surrounding conditions.

- g. Application of the ULTRAPLAN ECO – Self-levelling screed (Thickness from 1-10mm)

Consumption

1.6 kg/m² per mm of thickness.

Preparation of the product

- Pour a 20kg bag of **Ultraplan Eco** into a bucket containing approximately 5.0 litres of clean water and mix with a low-speed electric mixer to obtain a homogeneous lump-free mix.
- Larger quantities can be prepared in on-site cement mixers.
- After 2-3 minutes of slackening, re-stir the mix.
- The mix is then ready to use.
- The quantity of **Ultraplan Eco** mixed at any time must be used within 20-30 minutes (at +23°C)

Spreading the mix

- Apply **Ultraplan Eco** in a single coat from 1 to 10 mm with a large metal trowel or rake and keeping the trowel slightly inclined to obtain the desired thickness.
 - **Ultraplan Eco** can also be applied with an automatic pressure pump for renders.
 - Due to its remarkable self-levelling properties **Ultraplan Eco** immediately loses small imperfections (trowel marks, etc.).
 - When a second coat of **Ultraplan Eco** is required, it is recommended to apply it as soon as the first one is set to light foot traffic (approximately 3 hours at +23°C).
 - **Ultraplan Eco** is suitable to receive resilient, carpet, and ceramic floor coverings fixed after 12 hours at +23°C (the time can vary, depending on the room temperature and humidity). When installing wood flooring, wait 24 hours.
 - Check the humidity content with a carbide hygrometer or an electric moisture meter, keeping in mind that the latter only gives indicative values.
- H. **Application of Mapecryl Eco:** is a multi-purpose adhesive for vinyl, textile and linoleum wall and floor coverings.

Consumption

Consumption varies with uniformity of substrate, the back of the flooring and type of trowel used.

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MAPEI trowel no.1 approx. 300-350 g/m²

MAPEI trowel no.2 approx. 400-450 g/m² Roller
approx. 200 g/m²

TKB A1/A2: approx. 250-350 g/m² TKB B1:

approx. 350-400 g/m² TKB B2: approx.

400-500 g/m²

Surface preparation:

- The substrates must be dry, absorbent, level, sound, mechanically strong, free of dust, loose particles, cracks, paints, wax, oil, rust, traces of gypsum or other products that can interfere with bonding.
- On non-absorbent substrates apply a smoothing compound to a minimum thickness of 2mm.
- Commonly, the moisture content must be max 2%-2.5% for cementitious substrates (max. 0.5% for gypsum or anhydrite-based substrates).
- Anyway, the regulations of each country must be strictly followed.
- It is essential to make sure there is no rising damp present.
- Un-bonded screeds laid over light-weight concrete or over insulation and screeds laid directly onto earth must be separated by a vapour barrier to prevent rising damp.
- To repair cracks in the substrate, consolidate and waterproof screeds, form new fast-drying screeds and level uneven substrates, please refer to the relevant Technical Documentation or contact the Technical Services Department.

Acclimatisation

- Before starting the installation, make sure that the floor or wall covering, and the substrate are acclimatized to the recommended temperatures and R.H.

Spreading the Adhesive

- Mapecryl Eco is a ready to use and does not need any preparation.
- Before using, stir the adhesive in the bucket.
- Apply the adhesive evenly to the substrate with a suitable notched trowel.
- When installing thin wall coverings, a long nap roller may be used alternatively (ensure the wetting of the backing material).

Installing the flooring

- Follow the manufacturer's instructions.
- Leave a short waiting time (0-10 minutes) according to the application quantity, climatic conditions, substrate absorbency and type of covering. Make sure not to exceed open time (20-30 minutes) in order to ensure proper wetting of the back of the covering.
- Lay in covering while the adhesive is still wet: the adhesive ridges have to be impressed.
- Take care to avoid air pockets and carefully rub the floor covering down to ensure good adhesive transfer to the backing.

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- Avoid excessive stress on joints.
- After some minutes of installing the floor covering, it is always necessary to carefully roll it down again or to firmly rub it down.

Cleaning

- While still wet, Mapecryl Eco can be cleaned from floor coverings, tools, and clothing with water. When dry, clean with alcohol or a suitable solvent.

Note: waiting and open time may vary depending on temperature, relative humidity and absorbency of the substrate. They will be shorter at higher temperatures and lower humidity, but longer at lower temperatures, higher humidity and with low-absorbent substrates.

IMPORTANT

Close consideration needs to be paid to the Mapei datasheets of products being applied. The technical datasheets need to be studied and thoroughly understood prior to the application of the product. Failure to familiarize yourself with the datasheets may result in incorrect mixing and application.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for ensuring they are up to date with the product technical data and safety data sheets.

NB: Please refer to the current version of the Technical Data Sheets attached and can also be viewed on our website www.mapei.co.za

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EVALUATION OF BIDS

- This bid will be evaluated in the following phases;
 - Phase 1: Compliance with the bid requirements
 - Phase 2: Compliance with the bid specifications
 - Phase 3: Preferential procurement evaluation/Price
- **Phase 1: Compliance with the bid requirements**
 - This evaluation is based on compliance with the SCM requirements which include, among others registration on the Central Supplier Database, submission of bids on time, and submission of all required documents completed.
 - Bids that fail to meet the requirements will be disqualified from further evaluation at this stage.
- **Phase 2: Compliance with the bid specifications**
 - Bids that fail to meet the bid specification requirements will be disqualified from further evaluation at this stage.
- **Phase 3: Preferential procurement evaluation/ Price**
 - The 80:20 Points System shall be applicable to bids up to R50 000 000 or the 90:10 Points System to bids over R50 000 000. The lowest acceptable tender will be used to determine the preference point system.

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

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

Name of bidder:	Bid Number: TBH 202/2026
Closing Time: 11H00am	Closing date: 11 September 2026

OFFER TO BE VALID FOR **90 DAYS** FROM THE CLOSING DATE OF BID.

Guidance in Completing the Pricing Schedule

- Please complete the unit price cost of the item as well as the Annual cost (Qty X Unit cost). The cost should be VAT inclusive. The unit cost and the total shall be used for preferential procurement evaluation.
- The Department reserves the right to extend the contract at its discretion, and should the Department elect to extend the contract, the price offered shall be binding.

DESCRIPTION	BID PRICE IN RSA CURRENCY ** (INCLUDING VAT)
TBH 202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.	
Price per unit (Including VAT)	R _____
Structural Building works and renovations	R _____
GRAND TOTAL (brought forward) All prices must include VAT and Delivery	R _____

TBH 202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.

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Required by:

NUCLEAR MEDICINE

- At

TYGERBERG HOSPITAL
FRANCIE VAN ZIJL DRIVE
PAROW
CAPE TOWN
7500

- Brand and model

.....

- Guarantee period

.....

- 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

- Delivery basis

.....

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

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

TBH 202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.

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PRICE ADJUSTMENTS

A NON-FIRM PRICES SUBJECT TO ESCALATION

1. IN CASES OF PERIOD CONTRACTS, NON-FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES

2. IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

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

Where:

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..... used).	=	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.

3. The following index/indices must be used to calculate your bid price:

Index..... Dated..... Index..... Dated..... Index..... Dated.....

Index..... Dated..... Index..... Dated..... Index..... Dated.....

4. FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. eg. Labour, transport etc.)	P	PERCENTAGE OF BID PRICE

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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

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**PROVINCIAL GOVERNMENT WESTERN CAPE
DECLARATION OF INTERESTS, BIDDERS PAST SCM PRACTICES AND INDEPENDENT BID
DETERMINATION**

1. To give effect to the requirements of the Western Cape Provincial Treasury Instructions, 2019: Supply Chain Management (Goods and Services), Practice Note 4 of 2006 Declaration of Bidders Past SCM Practices-(SDB8), Instruction note Enhancing Compliance Monitoring and Improving Transparency and Accountability in Supply Chain Management, Practice note 7 of 2009/10 - SBD 4 Declaration of Interest, Practice Note 2010 Prohibition of Restrictive practices SBD9, Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998 as amended together with its associated regulations, the Prevention and Combating of Corrupt Activities Act No 12 of 2004 and regulations pertaining to the tender defaulters register, Paragraph 16A9 of the National Treasury Regulations and/or any other applicable legislation.
2. All prospective bidders intending to do business with the Institution must be registered on the Central Supplier Database (CSD) and the Western Cape Supplier Evidence Bank (WCSEB) if they wish to do business with the Western Cape Government (WCG) via the electronic Procurement Solution (ePS).

3. Definitions

"bid" means a bidder's response to an institution's invitation to participate in a procurement process which may include a bid, price quotation or proposal;

"Bid rigging (or collusive bidding)" occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and/or services through a bidding process. Bid rigging is, therefore, an agreement between competitors;

"business interest" means -

- a) a right or entitlement to share in profits, revenue or assets of an entity;
- b) a real or personal right in property;
- c) a right to remuneration or any other private gain or benefit, or
- d) includes any interest contemplated in paragraphs (a), (b) or (c) acquired through an intermediary and any potential interest in terms of any of those paragraphs;

"Consortium or Joint Venture" 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;

"Corruption"- General offences of corruption are defined in the Combating of Corrupt Activities Act, 2004 (Act No 12 of 2004) as:

Any person who directly or indirectly-

- (a) accepts or agrees or offers to accept an! gratification from any other person, whether for the benefit of himself or herself or for the benefit of another person; or
- (b) gives or agrees or offers to give to any other person any gratification, whether for the benefit of that other person or for the benefit of another person., in order to act personally or by influencing another person so to act, in a manner—

If you know of any corrupt, fraudulent or collusive actions in the Institution, please report it by calling the National Hotline 0800 701 701

TBH 202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.

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(i) that amounts to the-

(aa) illegal, dishonest, unauthorised, incomplete, or biased; or

(bb) misuse or selling of information or material acquired in the course of the exercise, carrying out or performance of any powers, duties or functions arising out of a constitutional, statutory, contractual or any other legal obligation;

(ii) that amounts to-

(aa) the abuse of a position of authority;

(bb) a breach of trust; or

(cc) the violation of a legal duty or a set of rules;

(iii) designed to achieve an unjustified result; or

(iv) that amounts to any other unauthorised or improper inducement to do or 45 not to do anything, of the, is guilty of the offence of corruption

"CSD" means the Central Supplier Database maintained by National Treasury;

"employee", in relation to –

(a) a department, means a person contemplated in section 8 of the Public Service Act, 1994 but excludes a person appointed in terms of section 12A of that Act; and

(b) a public entity, means a person employed by the public entity;

"entity" means any –

(a) association of persons, whether or not incorporated or registered in terms of any law, including a company, corporation, trust, partnership, close corporation, joint venture or consortium; or

(b) sole proprietorship;

"entity conducting business with the Institution" means an entity that contracts or applies or tenders for the sale, lease or supply of goods or services to the Province;

"Family member" means a person's –

(a) spouse; or

(b) child, parent, brother, sister, whether such a relationship results from birth, marriage or adoption or some other legal arrangement (as the case may be);

"intermediary" means a person through whom an interest is acquired, and includes a representative or agent or any other person who has been granted authority to act on behalf of another person;

"Institution" means –

a provincial department or provincial public entity listed in Schedule 3C of the Act;

"Provincial Government Western Cape (PGWC)" means

(a) the Institution of the Western Cape, and

(b) a provincial public entity;

"RWOEE" means –

Remunerative Work Outside of the Employee's Employment

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31 May 2022

"spouse" means a person's -

- (a) partner in marriage or civil union according to legislation;
- (b) partner in a customary union according to indigenous law; or
- (c) partner with whom he or she cohabits and who is publicly acknowledged by the person as his or her life partner or permanent companion.

4. Regulation 13(c) of the Public Service Regulations (PSR) 2016, effective 1 February 2017, prohibits any employee from conducting business with an organ of state, or holding a directorship in a public or private company doing business with an organ of state unless the employee is a director (in an official capacity) of a company listed in schedules 2 and 3 of the Public Finance Management Act.
 - a) Therefore, by 31 January 2017 all employees who are conducting business with an organ of state should either have:
 - (i) resigned as an employee of the government institution or;
 - (ii) cease conducting business with an organ of state or;
 - (iii) resign as a director/shareholder/owner/member of an entity that conducts business with an organ of state.
5. Any legal person, or their family members, may make an offer or offers in terms of this invitation to bid. In view of potential conflict of interest, in the event that the resulting bid, or part thereof, be awarded to family members of persons employed by an organ of state, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where the bidder is employed by the Institution
6. The bid of any bidder may be disregarded if that bidder or any of its directors abused the institution's supply chain management system; committed fraud or any other improper conduct in relation to such system; or failed to perform on any previous contract.
7. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging). Collusive bidding is a per se prohibition meaning that it cannot be justified under any grounds.
8. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorises accounting officers and accounting authorities to:
 - a) disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b) cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
9. Communication between partners in a joint venture or consortium will not be construed as collusive bidding.
10. 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.

TBH 202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.

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If you know of any corrupt, fraudulent or collusive actions in the Institution, please report it by calling the National Hotline 0800 701 701

This form must be completed annually. Should the information herein declared change in the course of the year or before the next renewal or in relation to any bid, quotation or contract, it is the entity's responsibility to advise the Institution in writing of the change in such details.

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SECTION A: DETAILS OF THE ENTITY

CSD Registration Number	MAAA
Name of the Entity	
Entity registration Number (where applicable)	
Entity Type	
Tax Reference Number	

Full details of directors, shareholder, member, partner, trustee, sole proprietor or any persons with a right or entitlement to share in profits, revenue or assets of the entity should be disclosed in the Table A below.

TABLE A

FULL NAME	DESIGNATION (Where a director is a shareholder, both should be confirmed)	IDENTITY NUMBER	PERSONAL TAX REFERENCE NO.	PERCENTAGE INTEREST IN THE ENTITY

TBH 202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.

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SECTION B: DECLARATION OF THE BIDDER'S INTEREST

The supply chain management system of an institution must, irrespective of the procurement process followed, prohibit any award to an employee of the state, who either individually or as a director of a public or private company or a member of a close corporation, seek to conduct business with the WCG, unless such employee is in an official capacity a director of a company listed in Schedule 2 or 3 of the PFMA as prescribed by the Public Service Regulation 13 (c).

Furthermore, an employee employed by an organ of state conducting remunerative work outside of the employee's employment should first obtain the necessary approval by the delegated authority (RWOOE), failure to submit proof of such authority, where applicable, may result in disciplinary action.

B1.	Are any persons listed in Table A identified on the CSD as employees of an organ of state? (If yes, refer to Public Service Circular EIM 1/2016 to exercise the listed actions)	NO	YES
B2.	Are any employees of the entity also employees of an organ of state? (If yes complete Table B and attach their approved "RWOOE")	NO	YES
B3.	Are any family members of the persons listed in Table A employees of an organ of state? (If yes complete Table B)	NO	YES

TABLE B

Details of persons (family members) connected to or employees of an organ of state should be disclosed in Table B below.

FULL NAME OF EMPLOYEE	IDENTITY NUMBER	DEPARTMENT/ ENTITY OF EMPLOYMENT	DESIGNATION/ RELATIONSHIP TO BIDDER**	INSTITUTION EMPLOYEE NO./ PERSAL NO. (Indicate if not known)

This form must be completed annually. Should the information herein declared change in the course of the year or before the next renewal or in relation to any bid, quotation or contract, it is the entity's responsibility to advise the Institution in writing of the change in such details.

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SECTION C: PERFORMANCE MANAGEMENT AND BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

To enable the prospective bidder to provide evidence of past and current performance.

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C1.	Did the entity conduct business with an organ of state in the last twelve months? (If yes complete Table C)	NO	YES
------------	--	----	-----

C2. TABLE C

Complete the below table to the maximum of the last 5 contracts.

NAME OF CONTRACTOR	PROVINCIAL DEPARTMENT OR PROVINCIAL ENTITY	TYPE OF SERVICES OR COMMODITY	CONTRACT/ ORDER NUMBER	PERIOD OF CONTRACT	VALUE OF CONTRACT
C3. Is the entity or its principals listed on the National Database as companies or persons prohibited from doing business with the public sector?					NO YES
C4. Is the entity or its principals listed on the National Treasury Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No. 12 of 2004)?					NO YES
(To access this Register enter the National Treasury's website, www.treasury.gov.za , click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 326 5445.)					
C5. If yes to C3 or C4, were you informed in writing about the listing on the database of restricted suppliers or Register for Tender Defaulters by National Treasury?				NO	YES N/A
C6. Was the entity or persons listed in Table A convicted for fraud or corruption during the past five years in a court of law (including a court outside the Republic of South Africa)?				NO	YES
C7. Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?				NO	YES

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31 May 2022

SECTION D: DULY AUTHORISED REPRESENTATIVE TO DEPOSE TO AFFIDAVIT

This form must be signed by a duly authorised representative of the entity in the presence of a commissioner of oaths.

- I,hereby swear/affirm;
- i. that the information disclosed above is true and accurate;
 - ii. that I understand the content of the document;
 - iii. the entity undertakes to independently arrive at any offer at any time to the Institution without any consultation, communication, agreement or arrangement with any competitor. In addition, that there will be no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to the Institution.
 - iv. that the entity or its representative are aware of and undertakes not to disclose the terms of any bid, formal or informal directly or indirectly, to any competitor, prior to the awarding of the contract.

.....DULY

AUTHORISED REPRESENTATIVE'S SIGNATURE

I certify that before administering the oath/affirmation I asked the deponent the following questions and wrote down his/her answers in his/her presence:

- 1.1 Do you know and understand the contents of the declaration? ANSWER:
- 1.2 Do you have any objection to taking the prescribed oath? ANSWER:
- 1.3 Do you consider the prescribed oath to be binding on your conscience? ANSWER:
- 1.4 Do you want to make an affirmation? ANSWER:

2. I certify that the deponent has acknowledged that he/she knows and understands the contents of this declaration which was sworn to/affirmed and the deponent's signature/thumbprint/mark was placed thereon in my presence.

.....
..... SIGNATURE FULL NAMES Commissioner of Oaths

Designation (rank) ex officio: Republic of South Africa

Date:

Place

Business Address:

This form must be completed annually. Should the information herein declared change in the course of the year or before the next renewal or in relation to any bid, quotation or contract, it is the entity's responsibility to advise the Institution in writing of the change in such details.

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TB202/2026: OPEN BID: FOR THE SUPPLY, DELIVERY, INSTALLATION, DEMONSTRATION, TRAINING AND ACCEPTANCE TESTING OF A STATE-OF-THE-ART MULTI-HEAD SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY/MULTI-SLICE COMPUTED TOMOGRAPHY (SPECT/CT) AND ASSOCIATED HARDWARE, SOFTWARE AND ACCESSORIES, INCLUDING REMOVAL AND SAFE DISPOSAL OF THE CURRENT SPECT/CT, ITS ASSOCIATED HARDWARE AND ACCESSORIES, THE ESTABLISHMENT OF A NEW CONTROL ROOM AS WELL AS INSTALLATION OF THE NEW SPECT/CT IN THE CURRENT SCANNER ROOM AT TYGERBERG HOSPITAL.

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PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 AND IN TERMS OF THE WESTERN CAPE GOVERNMENTS INTERIM STRATEGY AS IT RELATES TO PREFERENCE POINTS

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

NB: BEFORE COMPLETING THIS FORM, BIDDERS (TENDERERS) MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER, PREFERENTIAL PROCUREMENT REGULATIONS, 2022 AND THE BROAD BASED BLACK ECONOMIC EMPOWERMENT ACT AND THE CODES OF GOOD PRACTICE

1. DEFINITIONS

- 1.1 **"acceptable tender"** means any tender which, in all respects, complies with the specifications and conditions of tender as set out in the tender document.
- 1.2 **"affidavit"** is a type of verified statement or showing, or in other words, it contains a verification, meaning it is under oath or penalty of perjury, and this serves as evidence to its veracity and is required for court proceedings.
- 1.3 **"all applicable taxes"** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- 1.4 **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 1.5 **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- 1.6 **"bid"** means a written offer on the official bid documents or invitation of price quotations and "tender" is the act of bidding /tendering;
- 1.7 **"Code of Good Practice"** means the generic codes or the sector codes as the case may be;
- 1.8 **"consortium or joint venture"** 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;
- 1.9 **"contract"** means the agreement that results from the acceptance of a bid by an organ of state;

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- 1.10 **"EME"** is an Exempted Micro Enterprise with an annual total revenue of R10 million or less.

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- 1.11 **"Firm price"** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- 1.12 **"Large Enterprise"** is any enterprise with an annual total revenue above R50 million;
- 1.13 **"non-firm prices"** means all prices other than "firm" prices;
- 1.14 **"person"** includes a juristic person;
- 1.15 **"price"** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- 1.16 **"proof of B-BBEE status level contributor"** means-
- (a) The B-BBEE status level certificate issued by an authorized body or person;
 - (b) A sworn affidavit as prescribed in terms of the B-BBEE Codes of Good Practice; or
 - (c) Any other requirement prescribed in terms of the Broad- Based Black Economic Empowerment Act.
- 1.17 **QSE** is a Qualifying Small Enterprise with an annual total revenue between R10 million and R50 million;
- 1.18 **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- 1.19 **"sub-contract"** means the primary contractor's assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract.
- 1.20 **"tender"** means a written offer in the form determined by an organ of state in response to an invitation to provide or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- 1.21 **"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;
- 1.22 **"the Act"** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000);
- 1.23 **"the Regulations"** means the Preferential Procurement Regulations, 2022;

1.24 **"total revenue"** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment; issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the Government Gazette on 11 October 2013;

1.25 **"trust"** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and

1.26 **"trustee"** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

2. GENERAL CONDITIONS

2.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

2.2 Preference point system for this bid:

(a) The value of this bid is estimated to exceed/not exceed R50 000 000 (all applicable taxes included) and therefore the preference point system shall be applicable; or

(b) Either the 80/20 or 90/10 preference point system will be applicable to this tender

(delete whichever is not applicable for this tender).

2.3 Preference points for this bid (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contribution.

2.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80/90
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20/10
Total points for Price and B-BBEE must not exceed	100

2.5 Failure on the part of a bidder to fill in, sign this form and submit in the circumstances prescribed in the Codes of Good Practice either a B-BBEE Verification Certificate issued by a Verification Agency accredited by the South African Accreditation System (SANAS) or an affidavit confirming annual total revenue and level of black ownership together with the bid or an affidavit issued by Companies Intellectual Property Commission, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

- ### 3. ADJUDICATION USING A POINT SYSTEM

- #### 4. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

4.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEM

80/20 or 90/10

Ps = Points scored for price of bid under consideration
Pt = Price of tender under consideration
Pmin = Price of lowest acceptable tender

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

5.1 POINTS AWARDED FOR PRICE

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

$$P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) \quad \text{or} \quad P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)$$

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

6. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

6.1 In terms of WCG interim strategy, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

6.2 An **EME** must submit a valid, originally certified affidavit confirming annual turnover and level of black ownership or an affidavit issued by Companies Intellectual Property Commission

6.3 A **QSE that is less than 51% (50% or less) black owned** must be verified in terms of the QSE scorecard issued via Government Gazette and submit a valid, original or a legible certified copy of a B-BBEE Verification Certificate issued by SANAS.

6.4 A **QSE that is at least 51% black owned (51% or higher)** must submit a valid, originally certified affidavit confirming turnover and level of black ownership as well as declare its empowering status or an affidavit issued by Companies Intellectual Property Commission.

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- 6.5 A **large enterprise** must submit a valid, original or originally certified copy of a B-BBEE Verification Certificate issued by a verification agency accredited by SANAS.
- 6.6 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- 6.7 A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE status level verification certificate for every separate tender.
- 6.8 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.

7. BID DECLARATION

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

8. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPH 5

- 8.1 B-BBEE Status Level of Contribution= (maximum of 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or an affidavit confirming annual total revenue and level of black ownership in terms of the relevant sector code applicable to the tender.

9. SUB-CONTRACTING

- 9.1 Will any portion of the contract be sub-contracted? **YES / NO (delete which is not applicable)**

- 9.1.1 If yes, indicate:

(i) what percentage of the contract will be subcontracted?%

(ii) the name of the sub-contractor?

(iii) the B-BBEE status level of the sub-contractor?

(iv) whether the sub-contractor is an EME or QSE? **YES / NO (delete which is not applicable)**

- 9.1.2 Sub-contracting relates to a particular contract and if sub-contracting is applicable, the bidder to state in their response to a particular RFQ that a portion of that contract will be sub-contracted.

10. DECLARATION WITH REGARD TO COMPANY/FIRM

10.1 Name of company/ entity:

10.2 VAT registration number:

10.3 Company Registration number:

10.4 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

[SELECT APPLICABLE ONE]

10.5 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE status level of contribution indicated in paragraph 7 above, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

(a) The Western Cape Government reserves the right to audit the B-BBEE status claim submitted by the bidder.

(b) As set out in Section 130 of the B-BBEE Act as amended, any misrepresentation constitutes a criminal offence. A person commits an offence if that person knowingly:

(i) misrepresents or attempts to misrepresent the B-BBEE status of an enterprise;

(ii) provides false information or misrepresents information to a B-BBEE Verification Professional in order to secure a particular B-BBEE status or any benefit associated with compliance to the B-BBEE Act;

(iii) provides false information or misrepresents information relevant to assessing the B-BBEE status of an enterprise to any organ of state or public entity; or

(iv) engages in a fronting practice.

(c) If a B-BBEE verification professional or any procurement officer or other official of an organ of state or public entity becomes aware of the commission of, or any attempt to commit any offence referred to in paragraph 9.1 (a) above will be reported to an appropriate law enforcement agency for investigation.

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- (d) Any person convicted of an offence by a court is liable in the case of contravention of 9.4 (b) to a fine or to imprisonment for a period not exceeding 10 years or to both a fine and such imprisonment or, if the convicted person is not a natural person to a fine not exceeding 10% of its annual turnover.
- (e) The purchaser may, if it becomes aware that a bidder may have obtained its B-BBEE status level of contribution on a fraudulent basis, investigate the matter. Should the investigation warrant a restriction be imposed, this will be referred to the National Treasury for investigation, processing and imposing the restriction on the National Treasury's List of Restricted Suppliers. The bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, may 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.
- (f) The purchaser may, in addition to any other remedy it may have –
- (i) disqualify the person from the bidding process;
 - (j) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (ii) 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; and
 - (iii) forward the matter for criminal prosecution.
- (g) The information furnished is true and correct.
- (h) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 2 of this form.

SIGNATURE(S) OF THE BIDDER(S):

DATE:

ADDRESS:

.....

WITNESSES:

1.

2.

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SWORN AFFIDAVIT – B-BBEE/QUALIFYING SMALL ENTERPRISE

I, the undersigned

Full name and surname	
Identity number	

2. Hereby declare under oath as follows:

- (i) The contents of this statement are to the best of my knowledge a true reflection of the facts.
- (ii) I am a member/director/owner of the following enterprise and am duly authorized to act on its behalf:

Enterprise name	
Trading name	
Registration number	
Enterprise address	

3. I hereby declare under oath that:

- The enterprise is _____ % Black owned;
- The enterprise is _____ % Black woman owned;
- Based on management accounts and other information available for the _____ financial year, the income did not exceed R50 000, 000.00 (fifty million Rands).
- The entity is an Empowering Supplier in terms of Clause 3.3 (a) or (b) or (c) or (d) r l as amended (select one) _____ of the dti Codes of Good Practice.
- Please confirm in the table below the B-BBEE contributor by ticking the applicable box.

100% Black owned	Level One (135% B-BBEE procurement recognition)	
More than 51% Black owned	Level Two (125% B-BBEE procurement recognition)	
a) At least 25% of cost of sales (excluding labour costs and depreciation) must be procurement from local producers or suppliers in South Africa; For the service industry, include labour costs capped at 15%.	b) At least 50% of jobs created are for Black people, provided that the number of Black employees in the B-BBEE measurement verified immediately before is maintained.	
c) At least 25% transformation of raw material/beneficiation, which includes local manufacturing, production and/or assembly, and/or packaging.	d) At least 12 days per annum of productivity deployed in assisting QSE end EME beneficiaries to increase their operational or financial capacity.	
e) At least 85% of labour costs should be paid to South African employees by service industry entities.		

4. I know and understand the content of this affidavit, I have no objection to taking the prescribed oath, I consider the oath binding on my conscience and not on the owners of the enterprise which I represent in this matter.

5. The sworn affidavit will be valid for a period of 12 months from the date of signature by the commissioner.

Deponent signature: _____

Date: _____

Commissioner of Oaths signature & stamp

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THE NATIONAL TREASURY
Republic of South Africa



GOVERNMENT PROCUREMENT

GENERAL CONDITIONS OF CONTRACT
July 2010

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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 anything 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 of the conditions of the contract or order.
- 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.

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- 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 markets 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.
- 1.17 "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.

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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.

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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.

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- 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

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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 (17) 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 fulfilment 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.

17. Contract amendments

17.1 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 cancelling 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.

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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 wilful 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 (NIP) Programme

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.



REFERENCE: CI850078-0008

ENQUIRIES: M Nyoni

**CHIEF DIRECTOR: FACILITIES AND INFRASTRUCTURE MANAGEMENT
WESTERN CAPE GOVERNMENT HEALTH AND WELLNESS**

ATTENTION: Dr. L. Angeletti-du Toit

CC: Ms. R. Van Zyl; Mr. G. Graham

PROJECT: PAROW - TYGERBERG HOSPITAL – REHABILITATION OF VARIOUS WARDS - BLOCK C, WARD J1EC AND TRAUMA

SUBJECT: RESPONSE TO SCOPE CHANGE REQUEST: STRUCTURAL ASSESSMENT OF THE EXISTING 10TH FLOOR TO CONFIRM SUITABILITY FOR INSTALLATION OF NEW EQUIPMENT.

1. BACKGROUND

- 1.1. The project is currently in FIDPM Stage 3 Design Development.
- 1.2. On **7 November 2025** WCDHW requested DOI to extend the appointment of the structural engineer from the Block C, Ward J1, EC and Trauma (CI850078-0008) project to conduct assessments and investigations into the suitability of the existing floor on the 10th floor of Block C.
- 1.3. The Scope of Assessment:
 - Assessment of the floor in the Camera room for the installation of the new SPECT CT.
 - Assessment of the floor in the Radio Pharmacy room where the Biological Safety Cabinet will replace an existing system that has been condemned.
- 1.4. The PSP's fee estimate of R 29 267.20 (excl. VAT) was accepted by WCDHW.
- 1.5. We hereby submit the assessment report for review and acceptance by WCDHW.
- 1.6. Please note that the report only addresses the structural requirements limited to the appointment.
- 1.7. Specific functional and operational requirements, including but not limited to electrical and electronic services, mechanical extraction (HVAC) systems, equipment installation methodologies, logistics and hoisting of equipment to the 10th floor, and applicable spatial and clearance requirements did not form part of this appointment and as such have not been assessed.

2. REPORT FINDINGS

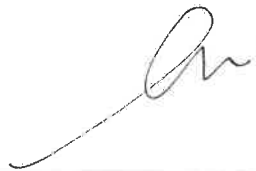
- 2.1. The report has indicated that no structural intervention is required in the Radio Pharmacy room due to the lighter option being used that has a 10mm thick Lead (Pb) shielding.
- 2.2. Structural intervention will be required in the Camera room.

- 2.3. According to the PSP, a similar strengthening has been implemented elsewhere on the 10th floor. The proposed strengthening will fix to the existing concrete perimeter beams, but no clear information on the existing reinforcement could be obtained.
- 2.4. The PSP has confirmed that the existing reinforcement will be confirmed in January 2026, however two factors work in favour of the existing concrete beams:
- Short and continuous spans;
 - a design check was performed with nominal reinforcement requirements and the capacity of the beams are sufficient with the newly added loading.

3. CONCLUSION

- 3.1. WCGI reviewed and accepted the Assessment Report with the caveat of confirming the existing concrete beams' reinforcement by either sourcing as-built drawings or performing non-destructive evaluation by means of scanning for reinforcement.
- 3.2. WCGI recommends the report for acceptance by WCDHW.
- 3.3. To facilitate the review process, WCGI is available to meet with the WCDHW Programme Manager to present or address any matters of concern.

Yours faithfully,



Digitally signed
by Mandla Nyoni
Date: 2025.12.18
12:34:54 +02'00'

Mandla Nyoni
Architect
Programme/Projects Infrastructure Delivery
Chief Directorate Health Infrastructure



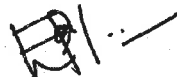
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Nyameka Zunguzane
Programme Manager
Programme/Projects Infrastructure Delivery
Chief Directorate Health Infrastructure
Supported / ~~Not Supported~~



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Charoné Klopper
Production Civil/Structural Engineer
Programme/Projects Infrastructure Delivery
Chief Directorate Health Infrastructure
Supported / ~~Not Supported~~



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Etienne du Plooy
Acting Chief Director
Programme/Projects Infrastructure Delivery
Chief Directorate Health Infrastructure
Supported / ~~Not Supported~~

Annexure A: Assessment Report by Neil Lyners and Associates (RF) dated 8 December 2025

Annexure B: Neil Lyners and Associates (RF) fee proposal

Annexure C: WCDHW acceptance of fee proposal

**REPORT:
STRUCTURAL ASSESSMENT OF THE EXISTING 10TH
FLOOR, BLOCK C, NUCLEAR MEDICINE FOR NEW
EQUIPMENT, TYGERBERG HOSPITAL**

**Your REF. WH/2/CI850078-0008 – TBH – REHAB OF VARIOUS WARDS –
BLOCK C - NUCLEAR MEDICINE**

OUR REF. 19129 S – Tygerberg Hospital Maintenance & Remedial Works

DECEMBER 2025

Prepared for:

**WESTERN CAPE GOVERNMENT
INFRASTRUCTURE
9 DORP STREET
CAPE TOWN
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Prepared by:

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FAX: (021) 914-0437
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SYNOPSIS

Neil Lyners & Associates (RF) (Pty) Ltd was formally appointed by the Western Cape Government Department of Infrastructure for the maintenance and remedial works at Tygerberg Hospital. This report pertains to the structural assessment of the 10th floor Block C, Nuclear medicine department, Camera room and Radio Pharmacy room floor loading structural review where the intent is to install new replacement equipment on the existing floor structure.

It should be recorded that Neil Lyners & Associates (RF) (Pty) Ltd has not been involved with any design or construction work pertaining to this facility and as such, our opinion expressed in this structural assessment is totally impartial and independent. While we at Neil Lyners & Associates (RF) (Pty) Ltd have not been involved in the design of Block C, we have familiarised ourselves with the original design documentation.

REPORT METHODOLOGY

A visual inspection/walkabout of the existing Camera room and Radio Pharmacy room in Block C on the 10th floor was conducted. During the time of the inspection, the floor area of the rooms was assessed to evaluate the present equipment floor loading/weight distribution across the floor and to assess if any structural defects were visible to the floor structure.

While a visual inspection was conducted, the original structural design documentation of the facility and the existing equipment was evaluated, which indicates the design parameters relevant to the existing floor structure and the weight of the existing equipment present in the rooms.

Disclaimer

This report has been prepared on behalf of and for the exclusive use of the Department of Transport and Public works as the client and is subject to and issued in accordance with the agreement between the Department of Transport and Public works as client and Neil Lyners & Associates (RF) (Pty) Ltd. Neil Lyners & Associates (RF) (Pty) Ltd accepts no liability or responsibility whatsoever for it in respect of any use of or reliance upon this report by any third party. Copying or distributing this report without the permission of the client and Neil Lyners & Associates (RF) (Pty) Ltd is not permitted.

PROJECT 19129S – TYGERBERG HOSPITAL MAINTENANCE & REMEDIAL WORKS							
REV	DESCRIPTION	ORIGINAL	REVIEW	LYNERS APPROVAL	DATE	CLIENT APPROVAL	DATE
00	Issued to Client	N/A	N/A	N/A	2025/12/01		
01	Revised			N/A	2025/12/08		
		LM MARTIN	LM BOSCH				



STRUCTURAL ASSESSMENT OF TYGERBERG HOSPITAL, BLOCK C – 10TH FLOOR NUCLEAR MEDICINE

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STRUCTURAL ASSESSMENT OF TYGERBERG HOSPITAL, BLOCK C – 10TH FLOOR NUCLEAR MEDICINE

1. LOCALITY

The location of the assessed Camera and Radio Pharmacy rooms are situated along the East wing, Gold avenue in Block C on the 10th floor of the Tygerberg hospital.



Figure 1: Camera and Radio Pharmacy room locality

2. FINDINGS

The original structural design documentation of the facility and the existing equipment data sheets were evaluated, which indicates the design parameters relevant to the existing floor structure and the weight of the existing equipment present in the rooms.

The original design documentation, from 1964, states the following:

1. The existing drawings show that the design live loads (all in pounds per square foot) were as follows:
 - Roof slabs without access = 15 psf / 0.72 kN/m²
 - Floors, general = 50 psf / 2.4 kN/m²
 - Stairs = 60 psf / 2.87 kN/m²
 - Plant rooms and stores = 100 psf / 4.8 kN/m²
2. The concrete strengths shown on the drawings are:
 - A = 4 500 psi / 30 MPa
 - B = 3 750 psi / 25 MPa
 - C = 3 000 psi / 20 MPaAll slabs, beams and columns relevant to the 10th floor were constructed using Class C concrete.
3. The 10th floor is an 11.5 inch (292mm) suspended hollow reinforced slab. Refer to the below existing drawing extract shown in Figure 2.

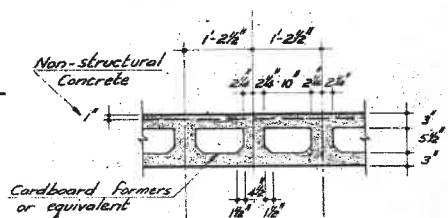


Figure 2: Typical existing floor slab structural detail

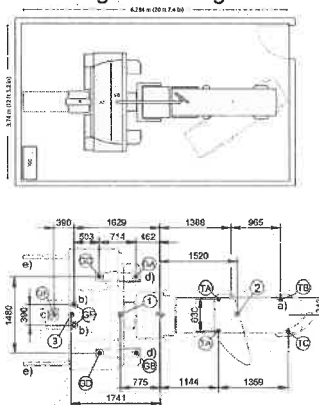
The existing equipment was identified and investigated to establish its present weight loaded to the existing floor structure. Refer to Annex C and D for the new and existing equipment data sheets. The maximum existing weight distribution of the existing SPEC/CT equipment at its gantry position was determined to be 718.5kg/m² (7.185kN/m²) and in the Camera room 552.5kg/m² (5.525kN/m²) for the existing bio safety cabinet in the Radio Pharmacy room.



The existing equipment data sheets reveal the following:

Existing equipment			
GE Infinia Hawkeye 4 SPEC/CT		Veestra Instruments Clean Air Biosafety cabinet	
	Camera room Max weight = 2452kg (gantry) LxW = 1.95x1.75m (gantry) Estimated weight distribution at gantry = 718.5kg/m ²		Radio Pharmacy room Max weight = 380kg (cabinet) Led shielding = +/-1830kg est. Total weight = 2210kg Load points/legs = 4 Estimated weight distribution = 552.5kg/m ²

The new equipment data sheets reveal the following:

New equipment			
Symbia Pro.spectra SPEC/CT X3		Vitro Technology Biosafety cabinet	
	Camera room SG= 2410 kg X3 = 1300 kg T = 860 kg R = 183 kg Total weight= 4753kg  Max weight load point/m ² = GA= 1119kg/m ² Note: Strengthening of floor structure required in high loaded vicinity		Radio Pharmacy room <u>Option 1 MC 18-2 PB50 =</u> Max weight = >5000kg Load points/legs = 4  Estimated weight distribution = 1250kg/m ² <u>Option 2 MC 12-2 PB10</u> Max weight = 2650kg Load points/legs = 4 Estimated weight distribution = 662.5kg/m ² Note: Strengthening of floor structure required if Option 1 50mm lead shielding considered, due to high led (Pb) shielding weight

A visual inspection/walkabout of the existing Camera room and Radio Pharmacy room in Block C on the 10th floor was conducted. During the time of the inspection, the floor area of the rooms was assessed to evaluate the present equipment floor loading/weight distribution across the floor and to assess if any structural defects were visible to the floor structure. While a visual inspection was conducted, the original structural design documentation of the facility was evaluated, which indicated some of the design parameters relevant to the



existing floor structure. An extract snippet of the representative 10th floor structural plan in the vicinity of the associated rooms is included in Photograph 1.

From the documentation we deduced that the building floor is a 292mm suspended RC floor slab with voids as shown previously. Based on the existing layout of the floor slab, the floor slab structure design was analyzed and calculated to have a carrying capacity of up to 7.5kN/m² live load unfactored without any structural intervention being required. The maximum determined floor load for the new equipment is 11.19kN/m² at the gantry location of the new SPEC/CT equipment as per the manufacturers loading details as shown in Annex C. Multiple excessive loaded points are within a close vicinity due the large weight of the equipment which is well over the calculated limit of the existing floor structures load carrying capacity.

3. RECOMMENDATIONS

It is recommended that it is structurally acceptable to install the new Biosafety cabinet (Option 2) with 10mm lead (Pb) shielding in the Radio pharmacy room. Structural intervention to the existing floor slab will be required if 50mm lead (Pb) shielding (Option 1) is considered as the expected weight of the cabinet will thus exceed the floor structures load carrying capacity due to it expected weight being >5000kg.

Furthermore, the new SPECT/CT equipment has considerably high point loads at its gantry location which exceeds the existing floor slabs capacity to accept the new equipment to replace the existing equipment without any structural remedial intervention required. It is recommended that the existing floor structure be strengthened by installing new structural steel support beams to the slab's soffit, in the vicinity of the gantry position of the new SPEC/CT equipment. The new structural steel beams are recommended to be supported by the existing reinforced concrete perimeter beams which should be scanned by a specialist service provider to confirm its reinforcement arrangement to facilitate confirming its capacity to receive the additional loads. Refer to drawing 19129-S-400 Annex A.

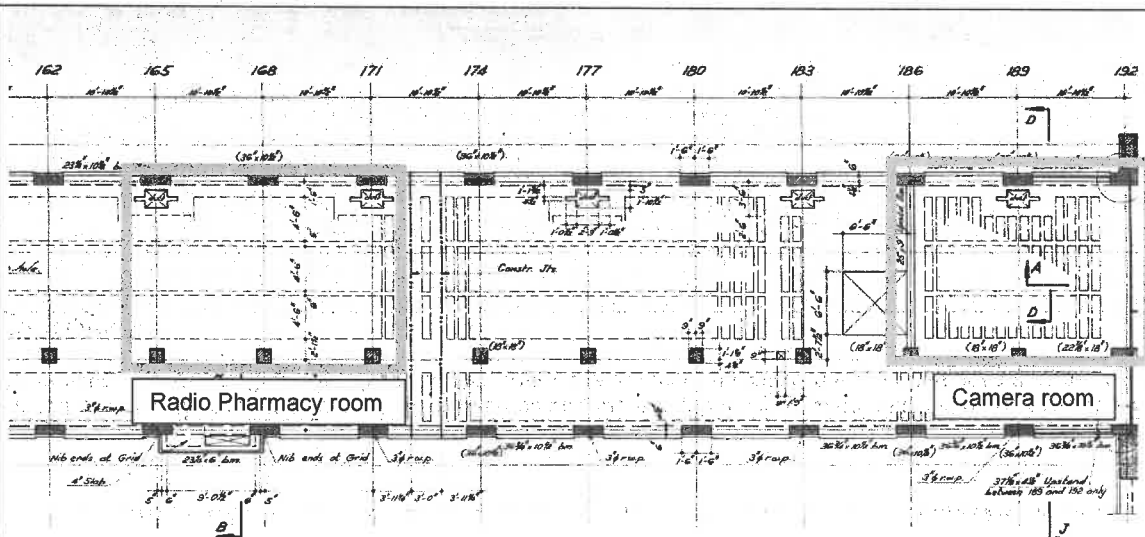
4. CONCLUSION

In our opinion the RC suspended floor of the 10th floor appears to be in good condition with no structural distress evident under the existing load conditions of present equipment. ***The new SPEC/CT equipment loads are greater than the existing equipment loads which require structural intervention to strengthen the floor structure to accept the loading conditions of the new SPEC/CT equipment. New structural steel beams are to be installed to strengthen the existing floor structure to provide additional load carrying capacity.***



STRUCTURAL ASSESSMENT OF TYGERBERG HOSPITAL, BLOCK C – 10TH FLOOR NUCLEAR MEDICINE

Photograph 1: Also see Annex B

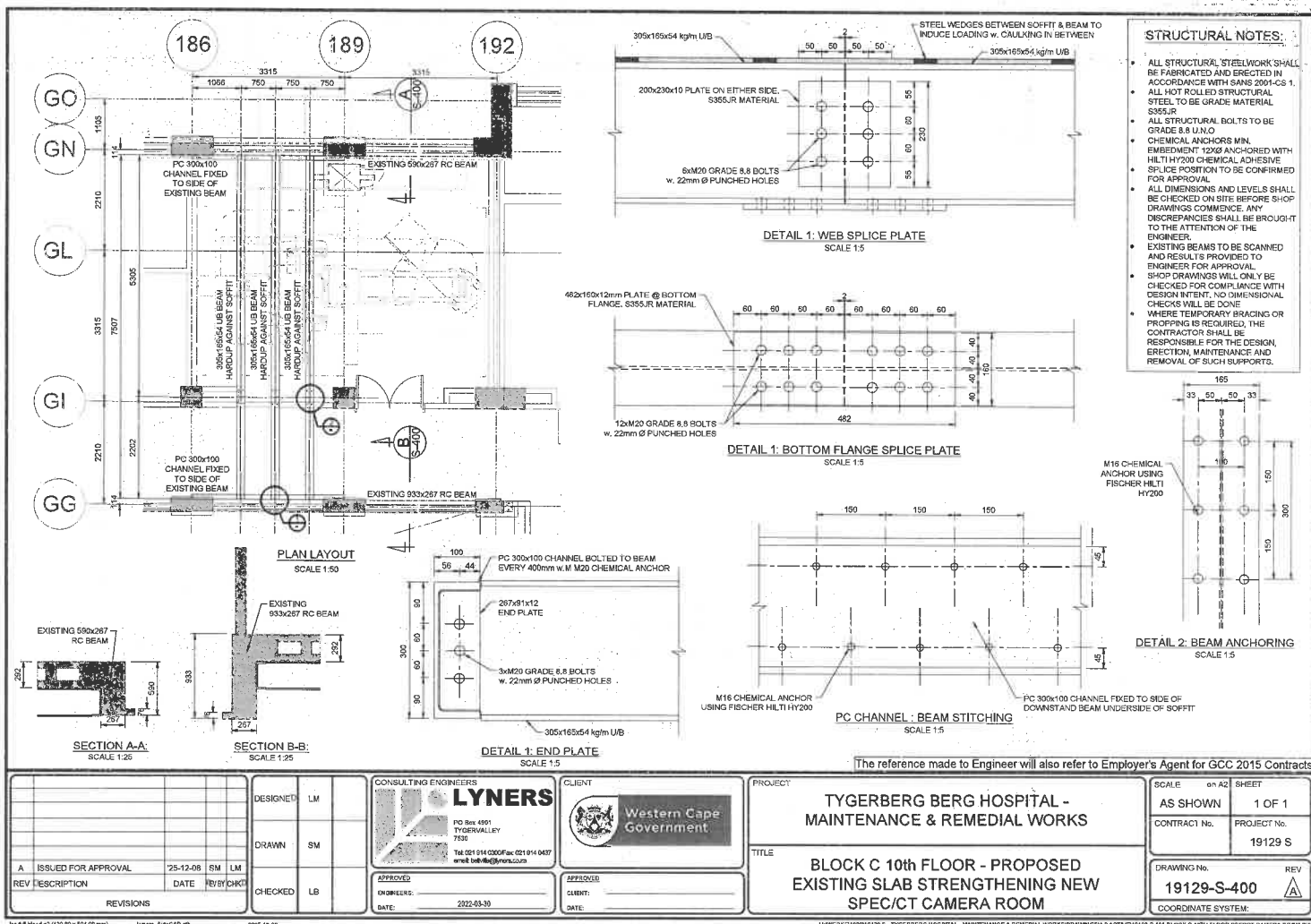


Description:

A "Snippet" of the "Original Design Drawings" that were sourced indicating the structural layout of the existing floor in the vicinity of the rooms under consideration and the existing reinforcement detailing of the existing slab.

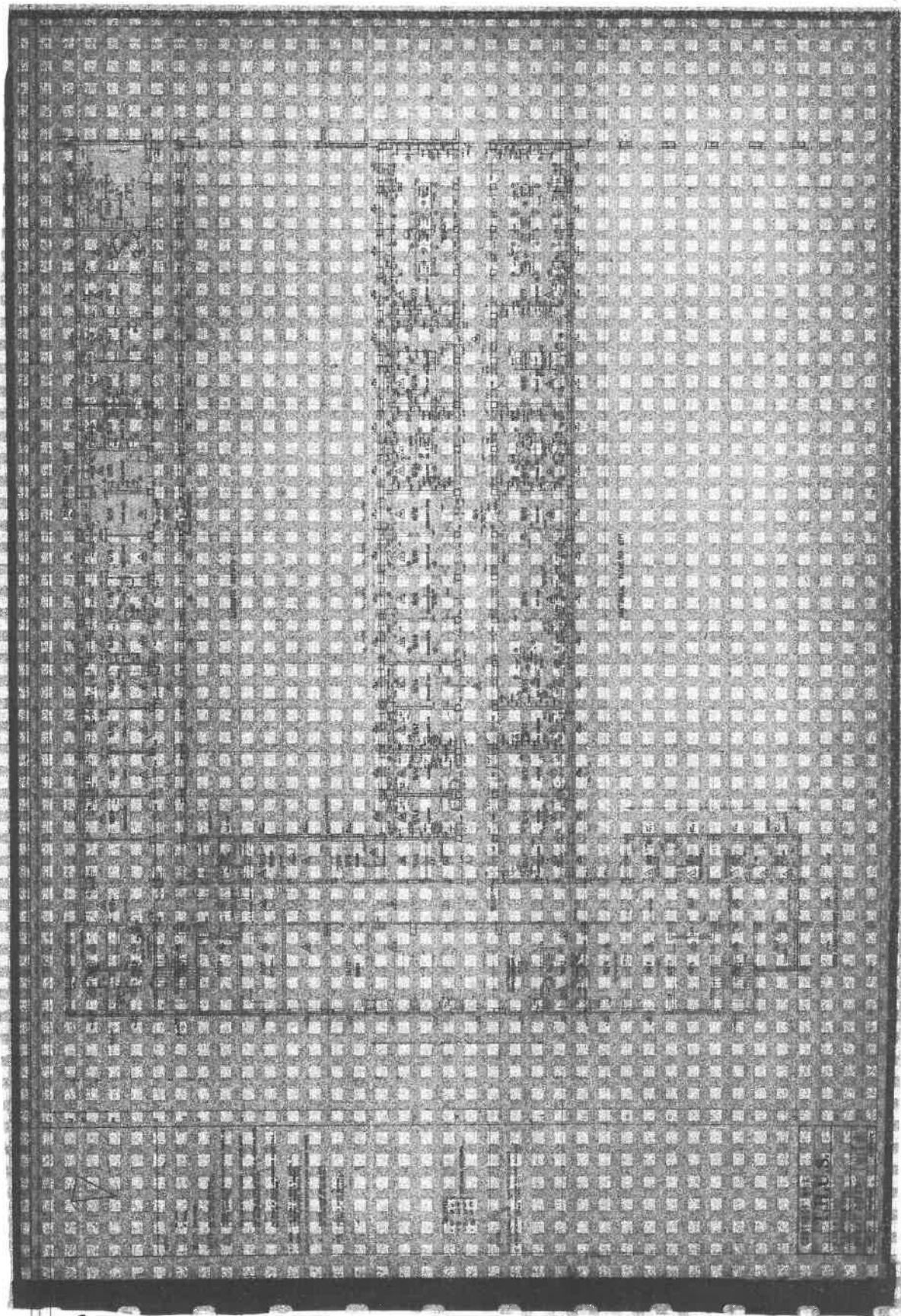


ANNEX A:
PROPOSED REMEDIAL WORK – CAMERA ROOM FLOOR
STRENGTHENING
DRAWING 19129-S-400

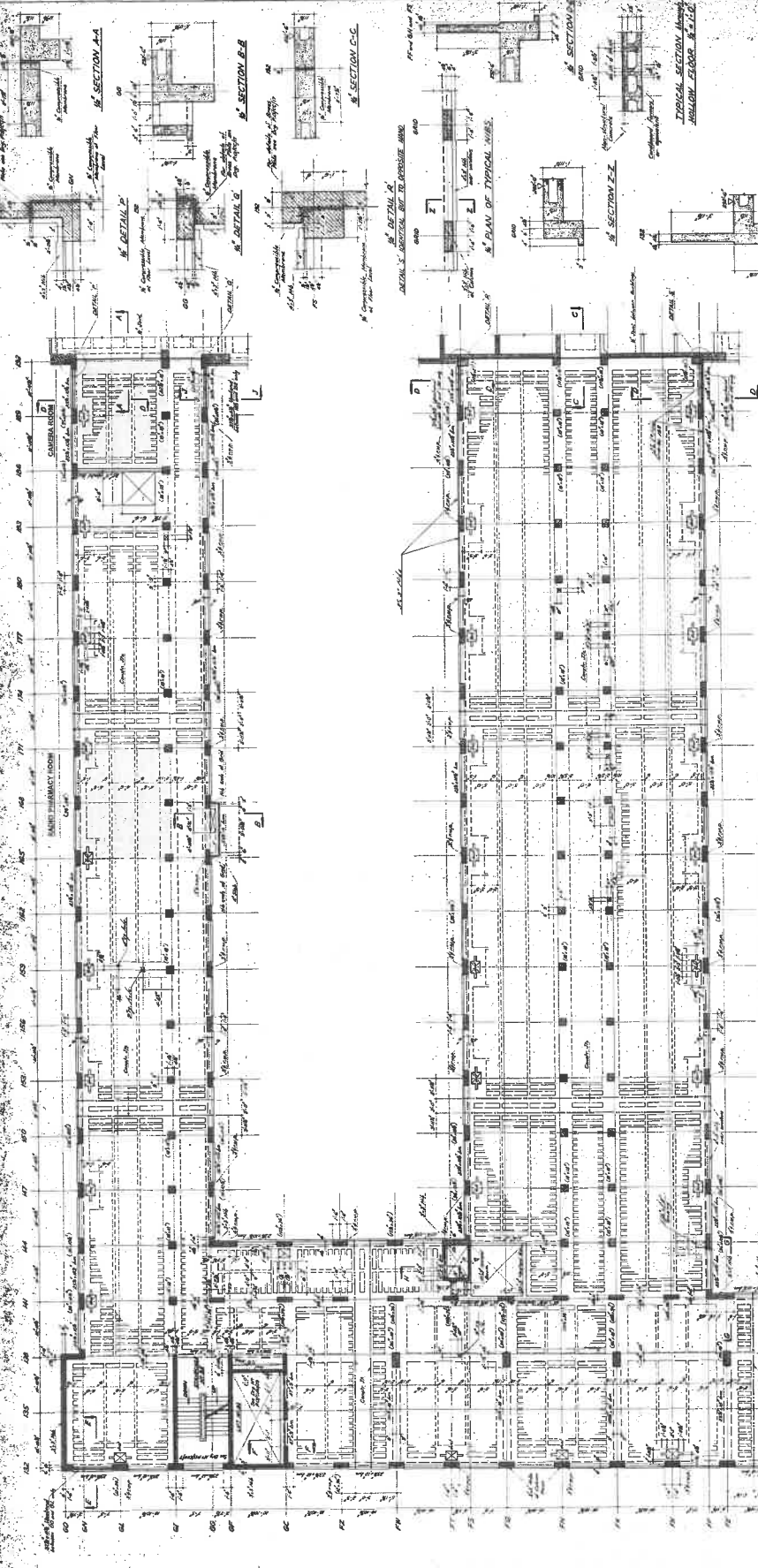




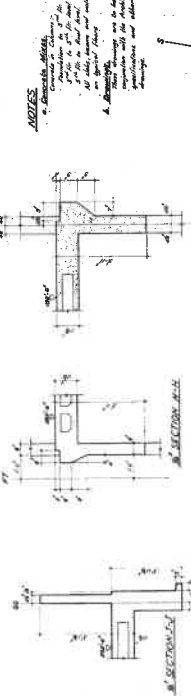
ANNEX B: EXISTING TBH BLOCK C DRAWINGS



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10. PLAN OF 10TH FLOOR CONSTRUCTION
ALL DIMENSIONS TO BE IN METRIC UNITS UNLESS NOTED OTHERWISE



NOTES

1. Concrete slabs shall be cast in place and reinforced with steel reinforcement bars.
2. Concrete walls shall be cast in place and reinforced with steel reinforcement bars.
3. Concrete floors shall be cast in place and reinforced with steel reinforcement bars.
4. Steel reinforcement bars shall be of the type and grade specified in the specifications.
5. All dimensions shall be in metric units unless noted otherwise.
6. All materials shall be of the type and grade specified in the specifications.
7. All work shall be done in accordance with the specifications.
8. All work shall be done in accordance with the specifications.
9. All work shall be done in accordance with the specifications.
10. All work shall be done in accordance with the specifications.

TECHNICAL UNIVERSITY OF SLOVENIA
BLOCK C - EAST WING
CONSTRUCTION DETAILS OF 10TH FLOOR
10. PLAN OF 10TH FLOOR CONSTRUCTION
ALL DIMENSIONS TO BE IN METRIC UNITS UNLESS NOTED OTHERWISE

