NATIONAL HEALTH LABORATORY SERVICE

INVITATION FOR BID-A01

YOU ARE HEREBY INVITED TO SUBMIT PROPOSAL FOR THE REQUIREMENTS OF NATIONAL HEALTH LABORATORY SERVICE (NHLS)

BID NUMBER:	**RFB064/24/25**
CLOSING DATE:	**11 APRIL 2025**
CLOSING TIME:	**11:00 AM**
PUBLIC TENDER OPENING:	**DATE: 11 APRIL 2025** **TIME: 11:30 AM** **VENUE: MAIN CONFERENCE BOARDROOM** **NATIONAL HEALTH LABORATORY SERVICE** **1 MODDERFONTEIN ROAD** **SANDRINGHAM**
BID VALIDITY PERIOD:	**180 days (commencing from the RFB Closing Date)**
IMPORTANT:	**A COMPULSORY BRIEFING SESSION AND THE SITE VISIT WILL BE HELD:** **DATE: 06 March 2025** **TIME: 11:00 AM** **VENUE: 4TH FLOOR, ROOM N431** **CLINICAL PATHOLOGY BUILDING, SMU** **SEFAKO MAKGATHO UNIVERSITY** **MOLOTLEGI STREET** **GARANKUA** **Site visit: 20 March 2025** PLEASE NOTE THAT LATE COMING WILL NOT BE ACCEPTED All questions must be sent per e-mail to ntombozuko.mbewu@nhls.ac.za on or before **27 March 2025.**
DESCRIPTION:	**PLACEMENT OF TOTAL AUTOMATION SYSTEM FOR PRE-ANALYTICS, ANALYTIC AND POST-ANALYTICAL SYSTEMS FOR CHEMICAL PATHOLOGY/ STAT LABORATORY FOR NATIONAL HEALTH LABORATORY SERVICE DGM (INCLUDING REAGENTS, CONSUMABLES & SERVICE CONTRACT FOR A PERIOD OF FIVE (5) YEARS).**

BID DOCUMENTS MUST BE MARKED WITH THE FOLLOWING:	**OR**	**DEPOSITED IN THE BID BOX SITUATED AT:**
NHLS PROCUREMENT TENDER OFFICE		
		NHLS MAIN RECEPTION

Bidders Name: _____ **RFB: Enclosed-Regret (delete N/A)** **Closing Date: _____**	**1 Modderfontein Road, Sandringham, Johannesburg.**

Bidders should ensure that Bids are delivered in time to the correct address. If the bid is late, it shall not be accepted for consideration.

ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (**Please note that no changes on the content of this document is allowed**)

Bidders should ensure that Bids are delivered in time to the correct address. If the bid is late, it shall not be accepted for consideration.

ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (**Please note that no changes on the content of this document is allowed**).

THIS TENDER IS SUBJECT TO THE GENERAL CONDITIONS OF THE TENDER, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

THE FOLLOWING PARTICULARS MUST BE FURNISHED (FAILURE TO DO SO SHALL RESULT IN YOUR BID BEING DISQUALIFIED).

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			
	TCS PIN:	**OR**	CSD No:

SUPPLIER INFORMATION			
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	☐ Yes ☐ No [TICK APPLICABLE BOX]	B-BBEE STATUS LEVEL SWORN AFFIDAVIT	☐ Yes ☐ No [TICK APPLICABLE BOX]
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT (FOR EMEs& QSEs) MUST BE SUBMITTED IN ORDER TO CLAIM POINTS FOR SPECIFIC GOALS WHERE APPLICABLE]			
SIGNATURE OF BIDDER	_____	**Date:**	
CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid, e.g. resolution of directors, etc.)			
TOTAL BID PRICE (ALL INCLUSIVE)			
BIDDING PROCEDURE AND TECHNICAL ENQUIRIES MAY BE DIRECTED TO:			
DEPARTMENT/ PUBLIC ENTITY			
CONTACT PERSON			
TELEPHONE NUMBER			
FACSIMILE NUMBER			
E-MAIL ADDRESS			

NATIONAL HEALTH LABORATORY SERVICE

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1. Confidential information disclosure notice

1.1 This document may contain confidential information that is the property of the NHLS and the Client.

1.2 No part of the contents may be used, copied, disclosed or conveyed in whole or in part to any party in any manner whatsoever other than for preparing a proposal in response to this Bid, without prior written permission from NHLS and the Client.

1.3 All Copyright and Intellectual Property herein vests with NHLS and its Client.

2. Introduction

2.1 Based on the Bids submitted and the outcome of the evaluation process according to the set evaluation criteria, NHLS intends to select a preferred bidder with the view of concluding a service level agreement (SLA) with such successful bidder. The Bid shall be evaluated in terms of the Preferential Procurement Policy Framework Act (PPPFA)

2.2 Queries

2.2.1 Should it be necessary for a bidder to obtain clarity on any matter arising from or referred to in this RFB document, please refer queries, in writing, and to the contact person_email address number listed below on or before 27 **March 2025**. Under no circumstances may any other employee within NHLS be approached for any information. Any such action might result in a disqualification of a response submitted in competition to the RFB. NHLS reserves the right to place responses to such queries on the website.

QUERIES: Ntombozuko Mbewu	Telephone	011 386 6138
	E-mail	ntombozuko.mbewu@nhls.ac.za

3. Definitions

3.1 National Health Laboratory Services [hereinafter referred to as NHLS] is a public health laboratory service with laboratories across South Africa. Its activities comprise diagnostic laboratory services, research, teaching and training, and production of sera for anti-snake venom, reagents and media.

3.2 NHLS was established in 2001 by an Act of Parliament to provide diagnostic pathology laboratory services to the National and Provincial Health Department.

3.3 **"Acceptable Bid"** - means any bid, which, in all respects, complies with the specifications and conditions of the RFB as set out in this document.

3.4 **"B-BBEE"** – means broad bases black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act.

3.5 **"B-BBEE status level of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained 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.

3.6 **"Bid"** - means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods through price quotations, advertised bidding processes or proposals.

3.7 **"Bidders"** - means any enterprise, consortium or person, partnership, company, close corporation, firm or any other form of enterprise or person, legal or natural, which has been invited by NHLS to submit a bid in response to this bid invitation.

3.8 **"Broad-Based Black Economic Empowerment Act"** – means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003).

3.9 **"Client"** - means the goods or services requestor.

3.10 **"Comparative Price"** - Means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration.

3.11 **"Consortium"** - means several entities joining forces as an umbrella entity to gain a strategic collaborative advantage by combining their expertise, capital, efforts, skills and knowledge for the purpose of executing this tender.

3.12 **"Contractor Agent"** - means any person mandated by a Prime Contractor or consortium/joint venture to do business for and on behalf of, or to represent in a business transaction, the Prime Contractor and thereby acquire rights for the Prime Contractor or consortium/joint venture against NHLS or an organ of state and incur obligations binding the Prime Contractor or consortium/joint venture in favour of NHLS or an organ of state.

3.13 **"Disability"** - means, in respect of a person, a permanent impairment of a physical, intellectual, or sensory function, which results in restricted, or lack of, ability to perform an activity in the manner, or within the range, considered normal for a human being.

3.14 **Designated group means –**

(a) Black designated groups;
(b) Black people;
(c) Women
(d) People with disabilities; or
(e) Small enterprises as defined section 1 of the National Small Enterprise Act, 1996 (Act No. 102 of 1996)

3.15 **"Designated sector"** means – a sector, sub-sector or industry or product designated by the Department of Trade and Industry.

3.16 "**EME**" means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

3.17 **"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 a law or regulation is binding on the contractor and demonstrably has influence on the price of any supplies or the rendering cost of any service, for the execution of a contract.

3.18 **"Goods"** – means any work, equipment, machinery, tools, materials or anything of whatever nature to be rendered to NHLS or NHLS's delegate by the Successful Bidder in terms of this bid.

3.19 **"Historically Disadvantaged Individual**" (HDI) - means a South African citizen:

3.19.1 Who, due to the apartheid policy that had been in place, had no franchise in national elections prior to the introduction of the Constitution of the Republic of South Africa, 1983, (Act No. 110 of 1983) or the Constitution of the Republic of South Africa, 1993 (Act No. 200 of 1993) (the Interim Constitution); and/or;

3.19.2 who is a female; and/or;

3.19.3 who has a disability;

provided that a person who obtained South African citizenship on or after the coming to effect of the Interim Constitution is deemed not to be an HDI.

3.20 **"Joint Venture"** - (Project) means two or more businesses joining together under a contractual agreement to conduct a specific business enterprise with both parties sharing profit and losses. The venture is for one specific project only, rather than for a continuing business relationship as in a strategic alliance. It is about sharing risk with others and providing one or more missing and needed assets and competencies.

3.21 **"Management"** - in relation to an enterprise or business, means an activity inclusive of control, and performed on a daily basis, by any person who is a principal executive officer of the company, by whatever name that person may be designated, and whether or not that person is a director.

3.22 "**Military** veteran"- has the meaning assigned to it in section 1 of the Military Veterans Act, 2011 (Act No. 18 of 2011).

3.23 **"Non-firm Price(s)"** - means all price(s) other than "firm" price(s).

3.24 **"Organ of State"** - means a National Department or Provincial Administration as stipulated in Schedules 1 and 2 of the Public Service Act, Act 93 of 1994 (as amended).

3.25 **"Person(s)"** - refers to a natural and/or juristic person(s).

3.26 "**Price**"- includes all applicable taxes less all unconditional discounts;

3.27 **"Prime Contractor"** – means any person (natural or juristic) who forwards an acceptable proposal in response to this RFB with the intention of being the main contractor should the proposal be awarded to him/her.

3.28 **"Proof of B-BBEE status level of contributor"** means **-**

(a) B-BBEE Status level certificate issued by an authorized body or person;

(b) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice; and

(c) Any other requirement prescribed in terms of the B-BBEE Act.

3.29 **"QSE" -** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

3.30 **"Rand Value"** - means the total estimated value of a contract in South African currency, calculated at the time of invitations and includes all applicable taxes and excise duties.

3.31 **"Rural Area"** means –

(a) A sparsely populated area in which people farm or depend on natural resources, including villages and small town that are dispersed through the area; or

(b) An area including a large settlement which depends on migratory labour and remittances and government social grants for survival and may have a traditional land tenure system.

3.32 **"SMME"** – bears the same meaning assigned to this expression in the National Small Business Act, 1996 (Act No. 102 of 1996).

3.33 **"Stipulated minimum threshold"** means – the minimum threshold stipulated for local production and content.

3.34 **"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.

3.35 **"Subcontractor"** - means any person (natural or juristic) who is subcontracted a portion of an existing contract by a Prime Contractor.

3.36 **"Successful Bidder"** - means the organization or person with whom the order is placed and who is contracted to execute the work as detailed in the bid.

3.37 **"Township"** means – an urban living area that any time from late 19th century until 27 April 1994, was reserved for black people, including areas developed for historically disadvantage individuals post 27 April 1994.

3.38 **"Youth"** has the meaning assigned to it in section 1 of the National Youth Development Agency Act, 2008 (Act No. 54 of 2008).

4. Acronyms and abbreviations

4.1 The following acronyms and abbreviations are used in this proposal and must be similarly used in the proposal submitted in response and shall have the meaning ascribed thereto below.

Abbreviations/Acronyms	Description
BBBEE	Broad Based Black Economic Empowerment.
CPI	Consumer Price Index.
DIR	Directorate
EDMS	Electronic Document Management System
HDI	Historically Disadvantaged Individuals
ISO	International Standard Organization
IT	Information Technology
ITC	Information Technology Committee
MISS	Minimum Information Security Standard
OEM	Original Equipment Manufacturer
PPPFA	Preferential Procurement Policy Framework Act
RFB	Request for Bid
RSA	Republic of South Africa
NHLS	National Health Laboratory Services
SLA	Service Level Agreement
SW	Software
LIS	Laboratory Information system
24x7	24 hours a day, 7 days a week

5. General Rules and Instructions

5.1 Confidentiality

5.1.1 The information contained in this document is of a confidential nature and must only be used for purposes of responding to this RFB. This confidentiality clause extends to Bidder partners and/or implementation agents, whom the Bidder may decide to involve in preparing a response to this RFB.

5.1.2 For purposes of this process, the term "Confidential Information" shall include all technical and business information, including, without limiting the generality of the foregoing, all secret knowledge and information (including any and all financial, commercial, market, technical, functional and scientific information, and

information relating to a party's strategic objectives and planning and its past, present and future research and development), technical, functional and scientific requirements and specifications, data concerning business relationships, demonstrations, processes, machinery, know-how, architectural information, information contained in a party's software and associated material and documentation, plans, designs and drawings and all material of whatever description, whether subject to or protected by copyright, patent or trademark, registered or un-registered, or otherwise disclosed or communicated before or after the date of this process.

5.1.3 The receiving party shall not, during the period of validity of this process, or at any time thereafter, use or disclose, directly or indirectly, the confidential information of NHLS (even if received before the date of this process) to any person whether in the employment of the receiving party or not, who does not take part in the performance of this process.

5.1.4 The receiving party shall take all such steps as may be reasonably necessary to prevent NHLS's confidential information coming into the possession of unauthorised third parties. In protecting the receiving party's confidential information, NHLS shall use the same degree of care, which does not amount to less than a reasonable degree of care, to prevent the unauthorised use or disclosure of the confidential information as the receiving party uses to protect its own confidential information.

5.1.5 Any documentation, software or records relating to confidential information of NHLS, which comes into the possession of the receiving party during the period of validity of this process or at any time thereafter or which has so come into its possession before the period of validity of this process:

5.1.5.1 shall be deemed to form part of the confidential information of NHLS;

5.1.5.2 shall be deemed to be the property of NHLS;

5.1.5.3 shall not be copied, reproduced, published or circulated by the receiving party unless and to the extent that such copying is necessary for the performance of this process and all other processes as contemplated in; and

5.1.5.4 shall be surrendered to NHLS on demand, and in any event on the termination of the investigations and negotiations, and the receiving party shall not retain any extracts.

5.2 News and press releases

5.2.1 Bidders or their agents shall not make any news releases concerning this RFB or the awarding of the same or any resulting agreement(s) without the consent of, and then only in co-ordination with, NHLS and its Client.

5.3 Precedence of documents

5.3.1 This RFB consists of a number of sections (see list). Where there is a contradiction in terms between the clauses, phrases, words, stipulations or terms and herein referred to generally as stipulations in this RFB and the stipulations in any other document attached hereto, or the RFB submitted hereto, the relevant stipulations in this RFB shall take precedence.

5.3.2 Where this RFB is silent on any matter, the relevant stipulations addressing such matter and which appear in the PPPFA shall take precedence. Bidders shall refrain from incorporating any additional stipulations in its

proposal submitted in terms hereof other than in the form of a clearly marked recommendation that NHLS may in its sole discretion elect to import or to ignore. Any such inclusion shall not be used for any purpose of interpretation unless it has been so imported or acknowledged by NHLS.

5.3.3 It is acknowledged that all stipulations in the PPPFA are not equally applicable to all matters addressed in this RFB. It however remains the exclusive domain and election of NHLS as to which of these stipulations are applicable and to what extent. Bidders are hereby acknowledging that the decision of NHLS in this regard is final and binding. The onus to enquire and obtain clarity in this regard rests with the Bidder(s). The Bidder(s) shall take care to restrict its enquiries in this regard to the most reasonable interpretations required to ensure the necessary consensus.

5.4 Preferential Procurement Reform

5.4.1 NHLS supports B-BBEE as an essential ingredient of its business. In accordance with government policy, NHLS insists that the private sector demonstrates its commitment and track record to B-BBEE in the areas of ownership (shareholding), skills transfer, employment equity and procurement practices (SMME Development) etc.

5.4.2 NHLS shall apply the principles of the Preferential Procurement Policy Framework Act, (Act No. 5 of 2000) to this proposal.

5.4.3 Bidders shall complete the preference certificate attached to this proposal. In the case of a consortium and sub-contractors, the preference certificate must be completed for each legal entity.

5.5 National Industrial Participation Programme

5.5.1 The Industrial Participation policy, which was endorsed by Cabinet on 30 April 1997, is applicable to contracts that have an imported content. The NIP is obligatory and therefore must be complied with. Bidders are required to sign and submit the Standard Bidding Document (SBD5).

5.6 Language

5.6.1 Bids shall be submitted in English.

5.7 Gender

5.7.1 Any word implying any gender shall be interpreted to imply all other genders.

5.8 Headings

5.8.1 Headings are incorporated into this proposal and submitted in response thereto, for ease of reference only and shall not form part thereof for any purpose of interpretation or for any other purpose.

5.9 Security clearances

5.9.1 Employees and subcontractors of the successful bidder may be required to be in possession of valid security clearances to the level determined by the State Security Agency (SSA) and/or NHLS commensurate with the

nature of the project activities they are involved in. The cost of obtaining suitable clearances is for the account of the bidders. The bidders shall supply and maintain a list of personnel involved on the project indicating their clearance status.

5.9.1 Employees and subcontractors of the successful bidder will be required to sign a non-disclosure agreement.

5.10 Occupational Injuries and Diseases Act 13 of 1993

5.10.1 The Bidder warrants that all its employees (including the employees of any sub-contractor that may be appointed) are covered in terms of the Compensation for Occupational Injuries and Diseases Act 13 of 1993 and that the cover shall remain in force for the duration of the adjudication of this bid and/ or subsequent agreement. NHLS reserves the right to request the Bidder to submit documentary proof of the Bidder's registration and "good standing" with the Compensation Fund, or similar proof acceptable to NHLS.

5.11 Formal contract

5.11.1 This RFB, all the appended documentation and the proposal in response thereto read together, form the basis for a formal contract to be negotiated and finalised between NHLS and/or its clients and the enterprise(s) to whom NHLS awards the bid in whole or in part.

5.11.2 Any offer and/or acceptance entered verbally between NHLS and any vendor, such offer shall not constitute a contract and thus not binding on the parties.

5.12 Instructions for submitting a proposal

5.12.1 One (1) original, one (1) hard copy and 1 (one) electronic copy on compact disk (CD) in Portable Document Format (**PDF)** of the Bid shall be submitted on the date of closure of the Bid.

Pricing: Bid Price must be submitted in a separate envelop and marked clearly as follows: RFB number, RFB description and bidder's name). One (1) original, one (1) hard copy and 1 (one) electronic copy on compact disk (CD) in Portable Document Format (PDF) of the Bid shall be submitted on the date of closure of the Bid.

The original copy must be signed in black ink by an authorised employee, agent or representative of the bidder and each and every page of the proposal shall contain the initials of same signatories.

5.12.2 Bidders shall submit proposal responses in accordance with the prescribed manner of submissions as specified above.

5.12.3 Bids must be submitted in a prescribed response format herewith reflected as **Response Format**, and be sealed in an envelope clearly marked.

5.12.4 Bids that are too large to fit into the tender box must be handed in at the reception desk during office hours from 08:00- 16:30 or before 11:00 on the closing date.

5.12.5 All Bids in this regard shall only be accepted if they have been placed in the bid box before or on the closing date**, 11 APRIL 2025 and stipulated time, 11h00 am**.

5.12.6 Bids received after the time stipulated shall not be considered.

5.12.7 Bid responses sent by post or courier must reach this office at least **36 hours** before the closing date to be deposited into the proposal box. Failure to comply with this requirement shall result in your proposal being treated as a "late proposal" and shall not be entertained. Such proposal shall be returned to the respective bidders.

5.12.8 **No proposal shall be accepted by NHLS if submitted in any manner other than as prescribed above.**

6. Response format

6.1 Bidders shall submit response in accordance with the response format specified below. Failure to do so shall result rejecting vendor's response. No referrals may be made to comment. Failure to comply shall result in the vendor being penalised.

6.2 **Schedule Index:**

6.2.1 **Schedule 1**: Pages 1 – 20 of this RFB document

6.2.2 **Schedule 2:** Mandatory Documents

6.2.2.1 An original valid Tax Clearance Certificate or a Tax Compliance Status letter (with pin) issued by the South African Revenue Services or a CSD Report reflecting active Tax Clearance Compliance status.

If a Consortium, Joint Venture or Subcontractor, an original valid Tax Clearance Certificate or a Tax Compliance Status letter (with pin) issued by the South African Revenue Services or a CSD Report reflecting active Tax Clearance Compliance status must be submitted for each member. (Annexure B)

6.2.2.2 National Industrial Participation Programme Certificate from the DTI (read paragraph 5.5 in conjunction with Annex E – SBD 5) (If applicable).

6.2.2.3 Central Supplier Database (CSD) Registration Report

6.2.2.4 General Conditions of Contract (Annexure E).

6.2.3 **Schedule 3**: Executive Summary of proposal

6.2.4 **Schedule 4**: Technical/Functionality

6.2.5 **Schedule 5**: Preferential Procurement Claim form and copy of the B-BBEE Verification Certificate(s) issued by an authorised body or person, or a sworn affidavit prescribed by the B-BBEE Codes of Good Practice.

6.2.7 **Schedule 6:** Bidder's Disclosure SBD 4 (Annexure C).

6.2.8 **Schedule 7**: Bidder Profile:

6.2.8.1 Credentials of the company/consortium members etc.

6.2.8.2 Structure of the company/ consortium members etc.

6.2.8.3 Partnership agreements/contracts

6.2.9 **Schedule 8**: Bid Price **(to be submitted in a separate envelop and marked clearly as follows: RFB number, RFB description and bidder's name)** (Annexure B).

6.3 Bidder background information materials:

6.3.1 Bidder Operating Organisation – Provide an overview of the operating structure and geographical locations of the firm at the national, regional, and local levels.

6.3.2 Standards – Include information regarding your firm's utilization of widely known Industry Standards and guidelines, as they apply to your firm, your firm's proposal and proposed hardware assets.

6.3.3 Company Contact(s) – Provide the name, title, street address, city, state, telephone and fax numbers and e-mail of the primary company's contact person, and for any sub-Contractors.

6.3.4 Corporate Financial Solvency - Provide solvency statement signed by a qualified independent auditor that the financial position of the company is sound and that the company will be able to mobilise financial resources to deliver the project.

7. Key personnel

7.1 Identify key personnel, by employer (include subcontractor(s), and provide contact information.

8. Reasons for Disqualification

8.1 NHLS reserves the right to disqualify any bidder which does any one or more of the following, and such disqualification may take place without prior notice to the offending bidder, however the bidder shall be notified in writing of such disqualification:

8.1.1 bidders who submitted did not sign the mandatory documents;

8.1.2 bidders who submitted information that is fraudulent, factually untrue or inaccurate, for example memberships that do not exist, B-BBEE credentials, experience, etc.;

8.1.3 bidders who received information not available to other vendors through fraudulent means;

8.1.4 bidders who do not comply with **mandatory requirements** as stipulated in this RFB; and

8.1.5 bidders who fail to price according to the costing template provided;

8.1.6 bidders who failed to attend the compulsory briefing session and/or compulsory site visit.

9. Bid Preparation

9.1 All additions to the proposal documents i.e. annexes, supporting documentation pamphlets, photographs, technical specifications and other support documentation covering the goods offered etc. shall be neatly bound as part of the schedule concerned.

9.2 All responses regarding questions posed in the annex attached herewith shall be answered in accordance with the prescribed **RFB Response Format**.

9.3 Telephonic, faxed, e-mailed or oral tenders shall not be accepted.

10. Oral presentations and Briefing Sessions

10.1 Bidders who submit Bids in response to this RFB may be required to give an oral presentation, which may include, but is not limited to, an equipment/service demonstration of their proposal to NHLS. This provides an opportunity for the vendor to clarify or elaborate on the proposal. This is a fact finding and explanation session only and does not include negotiation. NHLS shall schedule the time and location of these presentations. Oral presentations are

an option of NHLS and may or may not be conducted and must not be construed as being successful in, or, awarded the tender.

11. General Conditions of Bid and Conditions of Contract

11.1 Bidders shall provide full and accurate answers to all (including mandatory) questions posed in this document, and are required to explicitly indicate either "Comply/Accept (with a √)" or "Do not comply/Do not accept (with an X)" regarding compliance with the requirements. Where necessary, the bidder shall substantiate their response to a specific question.

NOTE: It is mandatory for bidders to complete or answer this part fully (11.2 to 11.34); otherwise, their bid shall be treated as incomplete and shall be disqualified. Refer to paragraph 8 of this document (reasons for disqualification).

11.2

This bid is subject to the General Conditions of Contract stipulated in this document.	**Accept**	**Do not Accept**

11.3

The laws of the Republic of South Africa shall govern this RFB, and the Bidders hereby accept that the courts of the Republic of South Africa shall have the jurisdiction.	**Accept**	**Do not Accept**

11.4

NHLS shall not be liable for any costs incurred by the bidder in the preparation of response to this RFB. The preparation of response shall be made without obligation to acquire any of the items included in any bidder's proposal or to select any proposal, or to discuss the reasons why such vendor's or any other proposal was accepted or rejected.	**Accept**	**Do not Accept**

11.5

NHLS Procurement Services may request written clarification regarding any aspect of this proposal. The bidders must supply the requested information in writing within the specified time frames after the request has been made, otherwise the proposal shall be disqualified.	**Accept**	**Do not Accept**

11.6

In the case of Consortium, Joint Venture or subcontractors, bidders are required to provide copies of signed agreements stipulating the work split and Rand value.	**Accept**	**Do not Accept**

11.7

In the case of Consortium, Joint Venture or subcontractors, all bidders are required to provide mandatory documents as stipulated in schedule 1 of the Response format.	Accept	Do not Accept

11.8

NHLS reserves the right to; cancel or reject any proposal and not to award the proposal to the lowest bidder or award parts of the proposal to different bidders, or not to award the proposal at all.	Accept	Do not Accept

11.9

Where applicable, bidders who are distributors, resellers and installers of network equipment are required to submit back-to-back agreements and service level agreements with their principals.	Accept	Do not Accept

11.10

By submitting a proposal in response to this RFB, the bidders accept the evaluation criteria as it stands.	Accept	Do not Accept

11.11

Where applicable, NHLS reserves the right to conduct benchmarks on product/services offered during and after the evaluation.	Accept	Do not Accept

11.12

NHLS reserves the right to conduct a pre-award survey during the source selection process to evaluate contractors' capabilities to meet the requirements specified in the RFB and supporting documents.	Accept	Do not Accept

11.13

Where the bid calls for commercially available solutions, bidders who offer provide future based solutions will be disqualified.	Accept	Do not Accept

11.14

The bidder should not qualify the proposal with own conditions. **Caution:** If the bidder does not specifically withdraw its own conditions of proposal when called upon to do so, the proposal response shall be declared invalid.	Accept	Do not Accept

11.15

Should the bidder withdraw the proposal before the proposal validity period expires, NHLS reserves the right to recover any additional expense incurred by NHLS having to accept any less favourable proposal or the additional expenditure incurred by NHLS in the preparation of a new RFB and by the subsequent acceptance of any less favourable proposal.	**Accept**	**Do not Accept**

11.16

Delivery of and acceptance of correspondence between NHLS and the bidder sent by prepaid registered post (by air mail if appropriate) in a correctly addressed envelope to either party's postal address or address for service of legal documents shall be deemed to have been received and accepted after (2) two days from the date of postage to the South African Post Office Ltd.	**Accept**	**Do not Accept**

11.17

Should the parties at any time before and/or after the award of the proposal and prior to, and-or after conclusion of the contract fail to agree on any significant product price or service price adjustments, change in technical specification, change in services, etc. NHLS shall be entitled within 14 (fourteen) days of such failure to agree, to recall the letter of award and cancel the proposal by giving the bidder not less than 90 (ninety) days written notice of such cancellation, in which event all fees on which the parties failed to agree increases or decreases shall, for the duration of such notice period, remain fixed on those fee/price applicable prior to the negotiations. Such cancellation shall mean that NHLS reserves the right to award the same proposal to next best bidders as it deems fit.	**Accept**	**Do not Accept**

11.18

In the case of a consortium or JV, each of the authorised enterprise's members and/or partners of the different enterprises must co-sign this document.	**Accept**	**Do not Accept**

11.19

Any amendment or change of any nature made to this RFB shall only be of force and effect if it is in writing, and an Amendment to the RFB will be issued. Bidders will be required to utilise the latest Amendment in preparation of their bid response.	**Accept**	**Do not Accept**

11.20

Failure or neglect by either party to (at any time) enforce any of the provisions of this proposal shall not, in any manner, be construed to be a waiver of any of that party's right in that regard and in terms of this proposal. Such failure or neglect shall not, in any manner, affect the continued, unaltered validity of this proposal, or prejudice the right of that party to institute subsequent action.	**Accept**	**Do not Accept**

11.21

Bidders who make use of subcontractors. **The proposal shall however be awarded to the Vendor as a primary contractor who shall be responsible for the management of the awarded proposal. No separate contract shall be entered into between NHLS and/or its client and any such subcontractors. Copies of the signed agreements between the relevant parties must be attached to the proposal responses**.	**Accept**	**Do not Accept**

11.22

All services supplied in accordance with this proposal must be certified to all legal requirements as per the South African law.	**Accept**	**Do not Accept**

11.23

No interest shall be payable on accounts due to the successful vendor in an event of a dispute arising on any stipulation in the contract.	**Accept**	**Do not Accept**

11.24

Evaluation of Bids shall be performed by a CFET established by NHLS. Bids shall be evaluated on the basis of conformance to the required specifications as outlined in the RFB. Points shall be allocated to each bidder, on the basis that the maximum number of points that may be scored for price is 80/90, and the maximum number of preference points that may be claimed for Specific Goals (according to the PPPFA) is 20/10.	**Accept**	**Do not Accept**

11.25

Prior to the award of any tender or contract the NHLS will check the Prohibition status of recommended suppliers/ service providers on the Treasury website (restricted@treasury.gov.za) as well as the Treasury Register for Tender Defaulters (www.treasury.gov.za)	Accept	Do not Accept

11.26

The NHLS will act against the bidder or person awarded the contract upon detecting that the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the contract conditions have not been fulfilled.	Accept	Do not Accept

11.27

The NHLS may, in addition to any other remedy that it may have against the bidder or person: • Disqualify the bidder or person from the bidding process; • Recover all costs, losses or damages it has incurred; • or suffered as a result of that person's conduct; • 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; • Restrict the bidder or contractor, its shareholders; • and directors, or only the shareholders and directors; • who acted on a fraudulent basis, from obtaining business; • from any organ of state for a period not exceeding 10; • years, after applying the audi alteram partem (hear the other side) rule; • Forward the matter for Blacklisting by Treasury; and • Forward the matter for criminal prosecution	Accept	Do not Accept

11.28

If the successful bidder disregards contractual specifications, this action may result in the termination of the contract.	Accept	Do not Accept

11.29

The bidders' response to this Tender, or parts of the response, shall be included as a whole or by reference in the final contract.	Accept	Do not Accept

11.30

NHLS has discretion to extend the validity period should the evaluation of this bid not be completed within the stipulated validity period.	**Accept**	**Do not Accept**

11.31

Upon receipt of the request to extend the validity period of the bid, the bidder must respond within the required time frames and in writing on whether or not he agrees to hold his original bid response valid under the same terms and conditions for a further period.	**Accept**	**Do not Accept**

11.32

Should the bidder change any wording or phrase in this document, the bid shall be deemed unresponsive and may lead to the disqualification of the bid response.	**Accept**	**Do not Accept**

11.33

The cost validation for Analysers and reagents for the validation will be borne by the supplier and NHLS will not be charged for this.	**Accept**	**Do not Accept**

11.34

No alternative tender offers will be considered.	**Accept**	**Do not Accept**

12. NHLS Special Conditions of Contract

12.1 Bidders shall provide full and accurate answers to all (including mandatory) questions posed in this document, and are required to explicitly indicate either "Comply/Accept (with a √)" or "Do not comply/Do not accept (with an X)" regarding compliance with the requirements. Where necessary, the bidder shall substantiate their response to a specific question.

NOTE: It is mandatory for bidders to complete or answer this part fully (12.1.1 to 12.1.25); otherwise, their bid shall be treated as incomplete and shall be disqualified. Refer to paragraph 8 of this document (reasons for disqualification).

12.1.1 Applicable Hardware There must be upgradeable or up scalable at the supplier's cost in the event of new technologies, capabilities, changes in work volume and instrument suboptimal performance.	**Accept**	**Do Not Accept**

12.1.2 Any software updates within the five years of warranty period should be at bidders' cost, this is to ensure no additional cost is charged by the bidder.	**Accept**	**Do Not Accept**

12.1.3 Downtime The supplier to provide alternative testing platform if instrument downtime is outside the laboratory and analyte specific turnaround time.	**Accept**	**Do Not Accept**

12.1.4 The supplier must state all user-replaceable parts and consumables required for the duration of the contract and the appropriate replacement frequency.	**Accept**	**Do Not Accept**

12.1.5 Supply unlimited initial and continual technical training of lab staff on-site for the duration of the contract. This includes appropriate testing (both written and witnessing) immediately after training as well as an on-going basis for technical competency assessment. Certificates to be provided.	**Accept**	**Do Not Accept**

12.1.6 Contract to include cost of performing mandatory analyte/parameter verification as per protocol. Supplier to provide all reagents, controls, calibrators and consumables required to perform the verification, including EP15 and linearity control material. Control material supplied must be from two different lot numbers: one lot number to control the analyser and one lot number to perform verification.	**Accept**	**Do Not Accept**

12.1.7 The quotation must be for the total cost of the solution, including costs of reagents, all consumables including those in the kits, controls, calibrators, leasing of the equipment, insurance, repairs, maintenance, calibration of all centrifuges including certification and upgrades. Must include any other equipment or services or installations that will be required for complete functionality of the proposed system, e.g., installation of water purification systems, pumps or lines, installation of additional IT infrastructure, additional software programs or software updates, middleware licences, etc.	**Accept**	**Do Not Accept**

12.1.8 The middleware functionality (review of results, review of QC, management of rules, etc.) must be installed in a minimum of 20 computers/ laptops. All authorised laboratory staff must be allowed login access on any of the computers/ laptops.	**Accept**	**Do Not Accept**

12.1.9	The cost of renovations required to place the configuration in the space available must be considered as part of the cost of this solution. Supplier to obtain a quotation, which will be evaluated as part of the financial evaluation.	**Accept**	**Do Not Accept**

12.1.10	The implementation plan must take account of the physical constraints of the laboratory space available. The system must be compatible with the site's existing power, safety, water, plumbing. The new system must fit into the current floor space. Any changes should be at the supplier's cost. Structural pillars cannot be moved. The plan must permit the laboratory to continue to be fully functional throughout implementation. Turn-around times must remain intact.	**Accept**	**Do Not Accept**
12.1.11	Analytical liquid waste must comply with municipal by-laws, and environmental and waste management laws regarding toxic or biohazardous waste disposal and provide relevant certification/letter.	**Accept**	**Do Not Accept**

12.1.12	The solution must be tailored to the laboratory size, scope of work, sample flow and turnaround requirements. It must accommodate all current pre-analytic and analytic functionality, 98% of the current test repertoire for chemistry, 100% for coagulation and serology as **attached in the tender document** (use of third-party reagents to fulfil test repertoire is acceptable), sample arrival flow peaks, test volumes, and required turnaround times *according to NHLS agreed-upon targets as well as client Service Level Agreements (SLA).* The solution must have sufficient space for an estimated 10% increase in volume per annum.	**Accept**	**Do Not Accept**

12.1.13	Provide a computer aided diagram of the layout of the solution, demonstrating how the proposed solution will fit in the available space including the following: Individual analyser weights, and total weight Floor loading, anti-vibration and anti-static requirements Heating, ventilation and cooling requirements Drainage and liquid waste removal requirements Optimal operating temperature requirements Availability of instrument malfunction and reagent critical level alarms	**Accept**	**Do Not Accept**

12.1.14	System must interface with NHLS LIS prior to acceptance of system. Interface development must be at supplier cost.	**Accept**	**Do Not Accept**

12.1.15	Provide the following detailed information/evidence per test: The International Standards to which each test method is traceable The methodology or methodologies employed per test per analyser Performance characteristics per test (measuring range, LOD, linearity, sensitivity, specificity, interferences, reproducibility, % equivocal data (Virology-serology tests) Recommended reference intervals per test, and the study data these were derived from. For hs-cardiac troponin testing, provide the 99th percentile of the Upper Reference Limit (URL), and provide the analytical CV at the 99th percentile of the URL	**Accept**	**Do Not Accept**

12.1.16	Provide an electronic package insert per test.	**Accept**	**Do Not Accept**

12.1.17	It will be expected of the supplier to work closely with the laboratory IT personnel to identify required interfaces and to design an effective interface system. All the required hardware and software must be provided and installed. All the cabling from the host computers to the laboratory information system (LIS) must be provided. It will be expected of the supplier to have a specialist on site during interfacing until the system is fully functional and validated according to specifications. All the interfaces must be tested and fully operational before implementation.	**Accept**	**Do Not Accept**

12.1.18	An instrument technician / engineer, and an application specialist, must at all times be available to NHLS at Dr George Mukhari Academic Laboratory to provide an uninterrupted service. If an on-site application specialist is not available, then remote access for troubleshooting is required. Instrument	**Accept**	**Do Not Accept**

	engineers must be available on a 24-hour basis with on-site technical assistance, when required, and backup to be available from supplier. Response time from the time a call is logged for analyser breakdown or malfunction until the arrival of the technician or engineer on-site must be less than 2 hours.		

12.1.19	Preventive maintenance of instrument by supplier with agreed-upon schedule and defined timeframes for downtime.	**Accept**	**Do Not Accept**

12.1.20	Where instrument calibration and controls are required to be performed by the engineer after servicing or replacement of a major part, this calibration and controls must be included in the service.	**Accept**	**Do Not Accept**

12.1.21	Time interval for supply and delivery of reagents and consumables from receipt of order must be delivered on/or before the need by date specified on the order.	**Accept**	**Do Not Accept**

12.1.22	The supplier must provide at least two operational platforms (2 chemistry, 2 endocrinology), two Coagulation platforms and 1 ESR for Core Lab, 1 operational platform for STAT Lab (Chemistry and Endocrinology) and 1 Coagulation platform	**Accept**	**Do Not Accept**

12.1.23	The system should accommodate all commonly used tube sizes and cap types/colours from multiple suppliers on all the instruments.	**Accept**	**Do Not Accept**

12.1.24	Prior analyser evaluation by NHLS HTA and/or peer-reviewed publications of the instrument's analytical performance evaluation.	**Accept**	**Do Not Accept**

12.1.25	Provision of reagent and calibrator performance monitoring and updates timeously and recall of malfunctioning reagent when required.	**Accept**	**Do Not Accept**

13. Evaluation Criteria and Methodology

13.1 Evaluation of tenders and selection of contractors'/service providers

The NHLS is a Schedule 3A Government Institution subjected to the Public Finance Management Act (PFMA), the Public Preferential Framework Act (PPPFA) and Treasury Regulations/ Instructions. Bidders must assist the NHLS to eliminate corruption and fraud by completing and submitting form SBD4.

13.1.1. Any tender closing is followed by a Public Opening where the names and pricing of all bids received are read out to the bidders attending. NHLS tender opening officials sign the pages where pricing is indicated to prevent any alterations.

13.1.2 Next steps of evaluation is administrative pre-qualification verification and the "technical" or so called "functional" evaluation which is purely based on NHLS specifications (Annexure 2) and Scope of Work. NHLS end-user department (who *requested the bid*), Procurement Services, Finance and subject specialists are part of the Cross Functional Evaluation Team (CFET) meeting which is chaired by Quality Assurance (QA). *All the members of the CFET must complete Declaration of Interest forms and must recuse themselves in case of any conflict of interest.*

13.1.3 The final stage of evaluation is done after the CFET has reached their verdict and is done by NHLS Procurement Services and separately from the CFET meeting. Points for Specific Goals (commercial evaluation) is being added in order to get the final order of merit for the bidders being evaluated.

13.1.4 Bidders that score the minimum threshold are recommended and submitted to the NHLS Tender Evaluation Committee (TAC) for adjudication and the bid MUST be awarded to the bidder who scored the highest points (Merit 1) during the CFET and Commercial evaluation(B-BBEE). *All the members of the CFET must complete Declaration of Interest forms and must recuse themselves in case of any conflict of interest.* ***Should the TAC decide on a bidder other than Merit 1, this decision must be motivated as a Deviation from NHLS Policy & procedure and Treasury must be advised accordingly.***

13.1.5 The CEO of the NHLS must finally approve the recommendation by the TAC, in his capacity as the Accounting Officer.

13.1.6 Details of the successful bidder to be advertised in the Government Tender Bulletin.

13.1.7 Suppliers must accept the Terms & Conditions of our contract(s) which will result from the RFB document". RFB conditions and pricing shall be fixed and firm from RFB closing date to the end of contract.

13.2 BID EVALUATION STAGES

The bid evaluation process consists of several stages that are applicable according to the nature of the bid as defined below:

Stage 1: Administrative Compliance verification.

Stage 2: Technical Mandatory requirement evaluation.

Stage 3: Technical Functionality requirement evaluation.

Stage 4: Price / Specific Goals evaluation.

NOTE: The bidder must qualify for each stage to be eligible to proceed to the next stage of the evaluations.

13.3 ADMINISTRATIVE COMPLIANCE REQUIREMENTS

- **Administrative compliance/responsiveness will be tested based on returnable documents submitted and signatures on the Bid documents.**
- **At this stage, it must be determined what documents are required to be returned by Bidders. Returnable documents are categorised as follows:**

Mandatory Returnable documents

(NOTE: Failure to provide the below listed documents *WILL* lead to disqualification).

1. Proof of Attendance of Compulsory Site Briefing session to measure designated space and weight restrictions.	**Comply**	**Do Not Comply**
Substantiation: The bidder is to indicate whether they attended the Compulsory site briefing session to measure designated space and weight restrictions.		

Essential Returnable documents

(NOTE: Failure to provide the below listed documents *MAY* lead to disqualification).

1. Fully completed and signed Bidder's Disclosure SBD 4.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response the signed Bidder's Disclosure.		

2. The Service Providers have to agree with NHLS General Conditions of Bid and Conditions of Contract.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response the signed and accepted NHLS General Conditions of Bid and Conditions of Contract.		

3. The Service Providers have to agree with NHLS Special Conditions of Contract.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response the signed and accepted NHLS Special Conditions of Contract.		

4. The product must comply with the following: (a) Environmental Safety compliant (Provide proof by means of VALID Certificates/letter of conformity from the regulator). (b) Occupation Health and Safety (OHS) (Provide proof by means of letter/Certificates).	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response, for (a) proof by means of VALID Certificates/letters of conformity from the regulator, for (b) proof by means of letter/Certificates.		

5. The product must be approved by any of the IMDRF regulatory authorities listed below. (Note: Approval are at the bidder's cost).	**Comply**	**Do Not Comply**

Substantiation: The bidder is to provide at least one certificate of the IMDRF Regulatory Authority below:

- **Australia: Therapeutic Goods Administration.**
- **Brazil: National Health Surveillance Agency (ANVISA).**
- **Canada: Health Canada.**
- **China: China Food and Drug Administration.**
- **European Union: European Commission Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs.**
- **Japan: Pharmaceuticals and Medical Devices Agency and the Ministry of Health, Labour and Welfare.**
- **Russia: Russian Ministry of Health.**
- **Singapore: Health Sciences Authority.**
- **South Korea: Ministry of Food and Drug Safety.**
- **United States of America: US Food and Drug Administration (FDA).**

6. Preferential Procurement Claim form and copy of the B-BBEE Verification Certificate(s) issued by an authorised body or person or a sworn affidavit prescribed by the B-BBEE Codes of Good Practice.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response a copy of a valid certificate.		

7. Submission of original valid Tax Clearance Certificate, a Tax Compliance Status letter (with pin) issued by the South African Revenue Services, or a CSD Report reflecting active Tax Clearance Compliance status.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response a copy of a valid certificate.		

8. Proof of Central Supplier Database (CSD) Registration.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit a CSD Report with the bid response.		

9. Audited Financial Statement not older than two (2) years (if applicable).	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach a financial statement not older than two (2) years with the bid response.		

10. The product must be ISO 13485 compliant.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response a proof by means of a valid certificate/ letter of conformity.		

11.	Supplier to provide calibration and calibration certificate by an accredited service provider as per supplier's recommendations for all centrifuges.	**Comply**	**Do Not Comply**
	Substantiate: Supplier to provide commitment letter (to outsource supplier for calibration if required).		

13.4 The **80/20 or 90/10** PPPFA principle and the points for evaluation criteria are as follows:

Price points	80/90
Specific goals	20/10
Total	**100 points**

1 SPECIAL INSTRUCTIONS TO VENDORS

1.1 Should a Bidder have reasons to believe that the Technical Specification is not open and/or is written for a particular brand or product; the Bidder shall notify Procurement Services within ten (10) days after publication of the bid.

1.2 Bidders shall provide full and accurate answers to the mandatory questions posed in this document, and, where required explicitly state either "Comply/Not Comply" regarding compliance with the requirements. Bidders **must** substantiate their response to all questions, including full details on how their proposal/solution will address specific functional requirements. All documents as indicated must be supplied as part of the submission.

1.3 Bidders are encouraged to promote the growth and development of SMME's, and will be assessed on their efforts in this regard during the evaluation of this Tender.

2 ACRONYMS AND ABBREVIATIONS

Term	Definition
EBS	Oracle e-Business Suite
DR	Disaster Recovery
DB	Database
NHLS	National Health Laboratory Service
PMO	Project Management Office
SLA	Service Level Agreement

3 BACKGROUND

Chemical Pathology/Stat Laboratory /Coagulation/ ESR: The automated systems at Dr George Mukhari Academic Hospital (DGM) have reached the end of the contract and are therefore, due for replacement.

The advantages of total automation, including the pre-analytical automation and analysers, are as follows: Reduction in pre-analytical errors, standardisation, quality improvement, removal of many manual steps, automated repeat and reflex testing, improved specimen tracking, improved turnaround time, increased throughput, improved efficiency, increase in productivity, improvement in safety and reduction in overall cost.

The challenges with ageing instruments include but are not limited to deteriorating analytical performance, frequent downtimes due to breakdowns and increased costs due to the replacement of parts. All of these have an adverse impact on workflow and turnaround time and lead to our customers' overall loss of confidence

4 SCOPE OF WORK

Chemistry/ virology: Fully Automated Track system with a pre-analytical module for online Centrifugation, sorting and aliquoting, Middleware and Inventory system. Analysers should accommodate Chemistry, Endocrinology, and Immunology, and provide an online refrigerated Storage Facility. In addition, the contract should include and support a standalone chemistry and endocrine analyser for operations at the Stat laboratory similar to the Main Chemistry lab platform.

4.2. **A fully automated stand-alone ESR analyser**. The ESR analyser must be able to accommodate both paediatric and adult EDTA tubes. The method of analysis should be by the Westergren method.

4.3. Coagulation: Two fully automated Coagulation analysers with cap piercing capability that must be able to accommodate the full existing test volume and repertoire in the Core Lab and 1 in STAT lab (see test list attached).

The following tables Test Volumes are inserted:

- Table 1: DGM Chemical Pathology Laboratory Volumes
- Table 2: DGM ESR and Coagulation Volumes

  Table 3: DGM Virology (Serology) Laboratory Volumes

5 MANDATORY REQUIREMENTS

If a bidder does not comply fully with each of the mandatory requirements, it Shall be regarded as mandatory non-performance/non-compliance and the bid Shall be disqualified. No "unanswered" questions will be allowed. If a response to a question has been indicated as comply but not elaborated upon or substantiated it shall be regarded as mandatory non- performance/non-compliance and the bid shall be disqualified.

Bidders shall provide full and accurate answers to the mandatory questions posed in this document, and, where required, explicitly state either "Comply/Accept (with a "Yes")" or "Do not comply/do not accept (with a "No")" regarding compliance to the requirements. Bidders must substantiate their responses to all mandatory questions. PLEASE NOTE: If the response does not substantiate any of the points or requirements in the body of the tender, it will be deemed to not comply, even if the 'Comply' field has been marked. Please note: All documentation to substantiate the mandatory requirements has to be supplied.

TECHNICAL MANDATORY REQUIREMENTS:

All departments technical mandatory requirements

1.	Fully automated system with pre-analytical, analytical, and post-analytical components. This includes a fully automated track system, online Centrifugation with bulk loader, sorting and aliquotting, Middleware, decapper and recapper/sealer, automatic disposal system, analysers to accommodate Chemistry, Endocrinology, Coagulation, ESR and Virology (Serology), and an online refrigerated Storage Facility to store total work volume for 7 days. The track should include an aliquoter that can be assigned to specific target racks for sorting.	**Comply**	**Do Not Comply**
	Substantiate: Provide proof using a brochure/s indicating each of the requirements.		
2.	Provide a Chemistry, Coagulation and Endocrine analyser similar to the Main Laboratory Chemical Pathology for the Stat lab for standardization.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit a commitment letter.		
3.	Supply of water purification system with electronic readings, monitoring system, alarm error notification, with linked UPS and reservoir. Capable of fully operating under a low-pressure environment. Provision of the water purification and maintenance/ repairs thereof must be at the bidders' cost for the duration of the contract if needed. It should include an additional >10 000 litres Water Reservoir system e.g. JOJO tank.	**Comply**	**Do Not Comply**
	Substantiate: Provide proof using a brochure/specification and a commitment letter for the water reservoir system.		
4.	The system should accommodate all tube sizes and all sample types (Serum, plasma, whole blood, urine, CSF and other body fluids) on all the instruments, alternatively, the bidder should provide off-line centrifuges and paediatric sample cups as well as storage solutions for low-volume samples.	**Comply**	**Do Not Comply**
	Substantiate: Provide proof using a brochure and signed commitment letter.		
5.	The automated Track system should be capable of connecting all analysers tendered and should also be able to accommodate third-party analysers.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit and attach to the bid response a catalogue/brochure. The bidder is to provide a list of third-party analysers that can be connected to the Track.		
6.	The track system should make use of a multi-lane system or design that will accommodate bi-directional movement and limit delays to analysers on the track.	**Comply**	**Do Not Comply**
	Substantiation: Provide proof using a brochure/catalogue.		
7.	Supplier to provide the ability for planned purchase orders for the duration of the tender and QC and Reagent Lot reservations of at least 6 months. IQC must be delivered directly to the site.	**Comply**	**Do Not Comply**
	Substantiation: The supplier must provide details and a signed commitment letter.		
8.	The facility must be able to set up and view patient-based quality control monitoring for every analyte (for additional quality control). Provide documented evidence and a tracking system.	**Comply**	**Do Not Comply**

	Substantiation: The bidder must submit and attach to the bid response a catalogue/brochure.		
9.	Provision of an application specialist dedicated to our laboratory and an on-standby engineer 24/7.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit a commitment letter.		
10.	The entire system must be capable of fulfilling peak workflow volumes to meet turnaround time as per laboratory TAT SOP. Chemical pathology-1000 tests/hour. Coagulation – 50-75 tests/hour, virology (Serology) - 250 tests per hour and ESR - >10 tests/hour and accommodate at least a 10% increase per year for the duration of the tender.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit and attach to the bid response a relevant applicable catalogue/brochure or attachments.		
11.	System to accommodate all chemistry, and coagulation (including Stat lab and third party) analysers on the common Middleware programme with ability for offsite monitoring/reviewing. If the middleware requires Wi-Fi, it should be provided by the supplier. In addition, the provision of an adequate number of licences to support 15 Middleware access points for Chem Path and 2 Middleware access points for Stat lab.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must attach and submit to the bid response a catalogue/brochure as well as a commitment letter.		
12.	Ability to set up user-defined rules on the Middleware for IQC, Reruns, Repeats, Dilutions, Blocking Results, and Reflex Testing.	**Comply**	**Do Not Comply**
	Substantiation: Provide evidence- by brochure, catalogue, and a screenshot of the facility.		
13.	The supplier must have a system for remote proactive monitoring of technical parameters to detect deteriorating machine components and performance to ensure proactive interventions before a breakdown occurs that disrupts operations. This should be in addition to the annual predicted and scheduled preventative maintenance.	**Comply**	**Do Not Comply**
	Substantiation: Provide proof using a brochure/catalogue.		
14.	The system should be capable of level sensing, clot detection and short sample (sample volume) detection.	Comply	Do Not Comply
	Substantiation: Provide proof using a brochure/catalogue.		
15.	Quantitative Spectrophotometric Detection of Haemolysis, Lipaemia and Icterus.	**Comply**	**Do Not Comply**
	Substantiation: Provide proof using a brochure/catalogue.		
16.	The supplier should provide, support and troubleshoot all IQC including 3rd party IQC material with assigned target QC Ranges if required. The transfer of the IQC ranges from package inserts to each platform type should have a) The facility is to be downloaded onto chemistry, coagulation and endocrine platforms using direct scanning of a coded insert/electronic download from an external source b) The facility is to be transferred to middleware directly from Chemistry, Coagulation and Endocrine platforms without the need for manual entry of data.	**Comply**	**Do Not Comply**
	Substantiation: Provide proof using a brochure/catalogue as well as a screenshot.		
17.	The noise level produced by the system must be below =<65db / If an air compressor is used, it must be enclosed.	**Comply**	**Do Not Comply**
	Substantiation: Provide proof using a brochure/catalogue.		
18.		**Comply**	**Do Not Comply**

	Applicable hardware and software must be upgradeable or up scalable at the supplier's cost in the event of new technologies, capabilities, changes in the test menu or changes in work volume. **Substantiation: The supplier must provide details and a signed commitment letter.**		

19.	The supplier must supply all reagents, calibrators and quality control material for the validation/verification studies until all analytes pass the acceptable criteria. Onsite support should be provided for the duration of the verification.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit a commitment letter.		

20.	Liquid waste must be compliant to be directly plumbed to municipality lines i.e. it must be suitable to be disposed of in this manner.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications.		

21.	Analyzer/System must be able to fit in the current designated space. If any modifications are required, they must be at the supplier's cost (e.g. Renovation/Floor Reinforcement).	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications.		

22.	Supply initial and unlimited continual technical training of lab staff for the duration of the contract. This includes appropriate testing (both written and witnessed) immediately after training. Test/witnessing records and certificates are to be provided.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications. A commitment letter must be provided.		

23.	Availability of bi-directional communication with host query mode. Systems must be interfaceable with the NHLS LIS. If it is a new development, this must be at the supplier's cost. Interface to be validated by the supplier during installation.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications as well as letter of commitment for interface validation.		

24.	All items for instrument use e.g. consumables, reagents, equipment parts including, printers, scanners and software upgrades/licenses should be included in the bidding costs.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications. A commitment letter must be provided.		

25.	Reagent or IQC material used by engineers/application specialist for troubleshooting should be covered by the supplier.	**Comply**	**Do Not Comply**
	Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications. A commitment letter must be provided.		

26.	Reagents and calibrators should be able to load automatically while the instruments are in operation ("on the fly''). **Substantiation: Provide proof by means of a brochure/ signed commitment letter. Failure to provide the information will lead to disqualification.**	**Comply**	**Do Not Comply**

27.	Test methods, calibrators and controls should be traceable to an international standard. **Substantiation: Provide evidence by means of a table.**	**Comply**	**Do Not Comply**

28.	IQC and patient data must be retrievable in an accessible format independent of the analyser software (e.g. CSV) using a USB or Hard drive. **Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications and evidence of extracted data.**	**Comply**	**Do Not Comply**

29.	Current and previous LOT numbers of IQC data and L-J charts are to be available on the analyser or retrievable from storage. **Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications.**	**Comply**	**Do Not Comply**

30.	Analysers should be able to run offline if the LIS system is unavailable and allow for batch transmission of results when the LIS system is working again. **Substantiation: The bidder must submit and attach to the bid response, proof using a brochure/specifications or commitment letter.**	**Comply**	**Do Not Comply**

31.	Supplier-maintained 24-hour remote middleware backup facility in the event of a server crash (Not Applicable to ESR). **Substantiation: The bidder must submit and attach to the bid response, proof using a brochure/specifications or commitment letter.**	**Comply**	**Do Not Comply**
32.	Access to peer comparison data for IQC should be provided. **Substantiation: Provide proof by means of a signed commitment letter. Failure to provide the information will lead to disqualification.**	**Comply**	**Do Not Comply**
33.	Prior analysers evaluation by NHLS HTA and/or peer-reviewed publications of the instrument's analytical performance evaluation. (Evaluations are at the Bidder's costs). **Substantiate: Provide documentation/evidence (HTA certificate/letter from the NHLS evaluating) Provide HTA certificate and/or peer reviewed articles on instrument validation.**	**Comply**	**Do Not Comply**

TECHNICAL FUNCTIONALITY:

1.1 The bidder **must complete in full of all the TECHNICAL FUNCTIONALITY requirements**.

1.2 The bidder **must provide a unique reference number** (e.g. binder/folio, chapter, section, page) to locate substantiating evidence in the bid response. During evaluation, NHLS reserves the right to treat substantiation evidence that cannot be located in the bid response as "NOT COMPLY".

Evaluation per requirement. The evaluation (scoring) of bidders' responses to the requirements will be determined by the completeness, relevance and accuracy of substantiating evidence.

Each technical functionality requirement will be evaluated using on the following generic point scale

FUNCTIONAL EVALUATION CRITERIA

Bidders who fail to comply with the Mandatory Requirements WILL be disqualified.

Functionality Requirements for Chemical Pathology and Stat Laboratory Analysers Section	**SPECIFICATIONS**	**Weighting**
A	Methods and Test Repertoire	**10%**
B	Service and Maintenance	**20%**
C	QC and Calibrators	**13%**
D	Reagents and Stock control	**15%**
E	IT/Data Recovery/Middleware	**10%**
F	Track (Sample Management, Centrifugation, Sample storage)	**32%**
Total		**100%**

Minimum threshold: To be eligible to proceed to the next stage of the evaluation the bid must achieve a minimum threshold score of 80%.

Functionality Requirements for Automated Chemical Pathology Analysers

Weighting	Section	Specification	Score
10%	**Section A**	**Methods and Test Repertoire**	**Score Rating**
0%		Provide a list (Tabulate) detailing the International Standards to which each test method is traceable and provide validation study data for each test on Chemistry, Endocrine, and Serology, platform types.	No Score - for information only
6%		Tabulate the following evidence: 1. Detailing full test menu per analyser. 2. Indicate the methodology employed per test per analyser, e.g. MEIA for TSH on the immunoassay analyser. 3. Indicate which tests can be accommodated as user-defined methods (provide evidence of acceptable performance in an NHLS or any other lab). 4. Include Cardiac Troponin T or I testing (indicate the 99 percentile cut-off value) with references. 5. State the on-board stability period of the reagents test repertoire. 6. Indicate whether platforms have sufficient reagent capacity to accommodate the lab's full test repertoire and volume and standby reagent.	Score 1 point per evidence. [6 x 1= 6] Score an additional 1 points for variable reagent pack sizes.
1%		Must be able to recognise and retrieve spare samples for making aliquots if the primary sample is insufficient.	Score 1: Able to recognise and retrieve spare samples. Score 0: Unable to recognise and retrieve spare samples
1%		State the reagent pack sizes that will accommodate the slow-moving tests indicated in the test repertoire and volume list.	Score 1: Variable reagent pack sizes to cater for low volume tests. Score 0: No variable reagent pack sizes.
1%		ISE reagents, including wash, buffers and detergents should be sufficient to run uninterrupted for twenty-four hours according to the laboratory's current ISE workload.	Score 1: Ability to run uninterrupted for > 24-hours. Score 0: Ability to run uninterrupted for < 24 hours

1%		Provide validation study data for each test on both Chemistry and Endocrine platform types.	Score 1: Precision, interference, method comparison studies data provided. Score 0: Any one Precision, interference, method comparison studies data provided, or No validation data provided.
20%	Section B	Service and Maintenance	Score Rating
8%		Commitment to a total resolution time or alternatives should be provided to meet the TAT e.g.) external referrals to private The total duration of downtime should not exceed 6 hours. Bidders are to provide a commitment letter with details.	Score 8: <2 hours' arrival time and less than 6 hours' downtime. Score 6: > 2 hours but < 4 hours' arrival time and < 6 hours' downtime. Score 2: > 4 but <6 hours response and < 6 hours' downtime Score 0: Downtime >6 hours.
8%		Describe the daily, weekly, and monthly maintenance procedures, including time taken.	Score 8: If daily <=30min, weekly <=60 min and monthly < 2hr. Score 6: Do not meet any 1 of the above. Score 0: If do not meet any 2 of the above.
2%		Warm-up time after instrument shutdown.	Score2: < 15 minutes. Score 1: 15 – 20 minutes. Score 0: > 20 minutes.
2%		Indicate if an integrated system/ monitoring tools are available to monitor if adequate daily clean up and/or maintenance has been done.	Score 2: Capability to monitor if adequate daily instrument interventions have been done. Score 0: No capability to monitor if daily interventions are adequate.
13%	**Section C**	**QC and Calibrators**	**Score Rating**
3%		Facility to scan a barcode or transfer Calibrator and QC data electronically from an external source directly onto Chemistry and immunoassay platform types.	Score 3: Barcode Scan and electronic transfer. Score 1: If > 1 platform types require manual entry.
4%		Calibration and QC error detection, flagging, and automatic blocking of subsequent QC and patient testing.	Score 4: If available.

			Score 0: No calibration error detection and blocking of further analysis.
2%		Peer group data: Access to third-party and supplier IQC peer group database/management programme. The provision of an adequate number of licences to support at least 15 Peer Group Programme user access points. Provide details of the workings of the recommended programme, as well as show evidence of a local lab using this programme and proof of the functionality that can be expected. Timeous IQC troubleshooting assistance and conclusion in <24 hours.	Score 2: If the IQC peer group database is available in real-time and documented evidence of a lab using the named programme is available. Score 1: Programme available and evidence provided but not real-time. Score 0: If the programme is not available for recommended 3rd party IQC material.
4%		Supply and support 3rd party IQC material with assigned QC Ranges. The transfer of the IQC Ranges from Package inserts to each platform type should have the: A. Facility to be downloaded onto Chemistry, Immunology and Endocrine platforms using direct scanning of a coded insert / electronic download from an external source. B. Facility to be transferred to Middleware directly from Chemistry and Endocrine - platforms / scanned from coded insert / downloaded from external electronic source without the need for manual entry of data/lot number. (Indicate which platform this facility is not available).	<u>Transfer IQC Range onto Analysers:</u> Score 2: If direct scanning/transfer of QC data is available for each Chemistry, and the Endocrine platform type. Score 0: If manual lot number entry of QC data is available for each Chem, and Endo platform. <u>Transfer IQC Range onto Middleware:</u> Score 2: If able to obtain QC data by scanning from insert / electronic download from an external source/transfer back from Chem, and Endo analyser to Middleware for each platform type. Score 0: If unable.
15%	**Section D**	**Reagents and Stock Control**	**Score Rating**
4%		Provision of an electronic Reagent and Consumable stock monitoring system on the instrument. To provide all the details, i.e. level sensor of the volume of tests remaining and alert the operator via an alarm on low volume test.	Score 4: Electronic System available. Score 0: Electronic System not available.
2%		On-board reagent stability monitoring with countdown alerts to on board expiry.	Score 2: On-board stability reagent monitoring. Score 0: No on-board reagent stability monitoring.
4%		Facility for emergency stock delivery if the laboratory unexpectedly runs out of stock or has to take on extra	Score 4: Emergency stock plan.

		work from other labs, including a contingency plan for after-hours or public holidays.	Score 0: No Plan.
2%		Chem-Immuno-Sero test repertoire (see the full list of tests). Haematology, Coagulation and ESR test repertoire (see the full list of tests). Indicate which tests require prior preparation and or mixing before loading. It should be able to load two different lots of the same reagents simultaneously for lot-to-lot comparison purposes. >=5 spare channels available to accommodate future user-defined reagents (UDR).	Score 2: Ready-for-use reagents without workflow interruption on both Chem and Immuno platforms. Ability to load two lots of the same reagent at the same time.>10 spare channels to accommodate UDR per analyser. Score 1: All available but less than 5% analytes require reagent mixing. Score 0: Not available.
3%		Allows continuous loading of reagents without the downtime of the instrument. Loading of reagents without interruption of sample processing required.	Score 3: If available. Score 0: No continuous loading on all modules.
10%	**Section E**	**IT/Data Recovery/Middleware**	**Score Rating**
2%		Audit Trail: Ability to show operator name/code for all events, including the configuration of calibrator, controls, and reagents and be able to retain this information.	Score 2: Audit trail functionality available. Score 0: No functionality.
		Middleware = 8%	
2%		User-defined reports for test count, QC's, calibrations, patient tests, turnaround time, efficiencies and key performance indicator monitoring.	Score 2: All reports available. Score 1: On user-defined KPI monitoring.
2%		Real-time communication between middleware and the instrument. e.g. updating of QC ranges and error exclusions.	Score 2: If functionality is present. Score 0: If not available
4%		Ability to calculate, report and monitor uncertainty of measurement.	Score 4: If functionality is present. Score 0: If not available.
32%	**Section F**	**TRACK (Sample Management, Online Centrifugation, Sample Storage).**	**Score Rating**
		F (a) Sample Management = 22%	
5%		Automatic reintroduction of resealed/recapped samples from the Storage Unit onto the Track with no manual intervention for repeat testing, reflex testing, or automated dilutions/decapping / unsealing processes. (Provide details of this process).	Score 5: If no manual steps are required. Score 0: For any other response.
4%		The track can reroute samples in real time based on delays/availability of tests on the analyser.	Score 4: If able to do it in real-time. Score 0: If requires manual intervention.

2%		Ability to analyse HBA1C without manual intervention.	Score 2: ability to run without manual intervention. Score 0: requires manual intervention.
5%		Ability to track, monitor and regulate unprocessed samples transit and circulation time on the Track (From entry to storage).	Score 5: If the system can perform all requirements. Score 0: No Tracking capabilities.
5%		Provision of: Decapper with recapper / re-sealer facility or Direct tube puncture/cap piercer.	Score 5: If all options are available. Score 2: If either option is available. Score 0: If no recapping or resealing, or direct tube puncture is available.
1%		Real time directing and blocking of samples to available analysers.	Score 1: Real time directing of samples to analyser that is available to ensure timeous analyses. Score 0: Use of predefined destinations with no ability to change sample route without manual intervention.
F(b) On-Line Centrifugation = 3%			
2%		Indicate whether the centrifugation speed and duration of spin can be adjusted to accommodate the requirements for 3rd party Chemistry and Coagulation samples that will be placed on the Track. Please state the Maximum centrifuge capacity/hour.	Score 3: If Centrifuge speed and duration can be adjusted and capacity adequate for our volumes. Score 2: If Centrifuge speed and duration can be adjusted and no capacity details are provided. Score 0: If speed and duration are fixed.
F (c) Sample Storage Unit / Module / Stockyard = 7%			
2%		An online refrigerated storage facility is required. Facility to store minimum 7 days' total work volume (25 000 to 30 000 tubes) in 1 or more storage units/ modules (Provide details of the number of samples that can be stored per unit as well as the foot-print per module).	Score 2: Refrigerator space can fulfil laboratory needs for Chemistry and Endocrine samples for stipulated time frames.

			Score 1: If refrigerator capacity can meet either Chemistry or Endocrine requirements. Score 0: If a storage facility is not available.
4%		Ability to manually store samples in the storage module e.g.) samples run off the track, low volume samples, 3rd party analysers.	Score 4: If capable. Score 0: Is not available
1%		Ability to manually retrieve samples from the storage unit if needed.	Score 1: If present. Score 0: If not present.
Total = 100%			**Total = 100**

Functionality Requirements for Automated Stand Alone ESR Analyser

Section A: Sample Management	**35%**	**Scoring Rate**
The analyser to operate without requiring the user to be present throughout (walk-away functionality). (Provide proof by means of specification/brochure).	20%	Score 20: Capable. Score 0: Not capable.
Instrument must have a hand-held sample barcode reader for manual and stat samples. (Provide proof by means of specification/brochure).	15%	Score 15: Available. Score 0: Not available.
Section B: Service and Maintenance	**20%**	**Scoring Rate**
Daily, Weekly and Monthly Maintenance Average time spent by staff in daily maintenance - (< 15min). Total down time for maintenance should not exceed 30 minutes. (Provide proof by means of specification/brochure).	20%	Score 20: If daily <=15min, weekly <=30min and monthly <=30min. Score 10: Do not meet any 1 of the above. Score 0: If do not meet any 2 of the above.
Section C: QC and Calibrators	**15%**	**Scoring Rate**
The ability to scan a barcode or transfer Calibrator/ QC data electronically from an external source directly onto or download the data to the analyser. (Provide proof by means of specification/brochure).	15%	Score 15: Available. Score 0: Not available.
Section D: Reagents and Stock Control	**30%**	**Scoring Rate**
Provision of an electronic Reagent and Consumable stock monitoring system on the instrument to monitor reagent levels, lot number expiry dates and user traceability, (Audit trail). (Provide proof by means of specification/brochure).	15%	Score 15: Available. Score 0: Not available.
Reagents management mode (efficiency report) to minimise wastage. (Provide proof by means of specification/brochure).	5%	Score 5: Available. Score 0: Not available.

Reagent tracking available on analyser with printable and downloadable option. (Provide proof by means of specification/brochure).	10%	Score 10: Available. Score 0: Not available.
Total	**100%**	

Functionality Requirements for two (2) Automated Coagulation Analysers

Section A: Sample Management	**20%**	**Scoring Rate**
Ability to interrupt processing of non-urgent samples to run 2-5 stat specimens. (Provide proof by means of specification/brochure).	10%	Score 10: Available. Score 0: Not available.
Capacity to accommodate all reagents required to accommodate our test repertoire on board. (Provide proof by means of specification/brochure).	10%	Score 10: Available. Score 0: Not available.
Section B: Service and Maintenance	**20%**	**Scoring Rate**
Daily, Weekly and Monthly Maintenance Average time spent by staff in daily maintenance - (< 15min). Total down time for maintenance should not exceed 30 minutes. (Provide proof by means of specification/brochure).	20%	Score 20: If daily <=15min, weekly <=30min and monthly <=30min. Score 10: Do not meet any 1 of the above. Score 0: If do not meet any 2 of the above.
Section C: QC and Calibrators	**20%**	**Scoring Rate**
The analyser to store >2 calibrations curves per test parameter. (Provide proof by means of specification/brochure).	20%	Score 20: Available. Score 0: Not available.
Section D: Reagents and Stock Control	**30%**	**Scoring Rate**
Provision of an electronic Reagent and Consumable stock monitoring system on the instrument to monitor reagent levels, lot number expiry dates and user traceability, (Audit trail). (Provide proof by means of specification/brochure).	10%	Score 10: Available. Score 0: Not available.
Reagents management mode (efficiency report) to minimise wastage. (Provide proof by means of specification/brochure).	5%	Score 5: Available. Score 0: Not available.
Reagent tracking available on analyser with printable and downloadable option. (Provide proof by means of specification/brochure).	10%	Score 10: Available. Score 0: Not available.

Haematology, Coagulation and ESR test repertoire (see the full list of tests). Indicate which tests require prior preparation and or mixing before loading. It should be able to load two different lots of the same reagents simultaneously for lot-to-lot comparison purposes. Spare channels available to accommodate future user-defined reagents (UDR).	5%	Score 5: Ability to load two lots of the same reagent at the same time. Spare channels to accommodate UDR per analyser. Score 0: Not available
Section E: IT Middleware	**10%**	
Provision of a middleware programme, including tablets (with applicable software) for offsite monitoring/reviewing. In addition, the provision of an adequate number of licences to support 3 middleware access points. (Provide proof by means of specification/brochure as well as commitment letter).	10%	Score 10: Available. Score 0: Not available.
Total	**100%**	

Functionality Requirements for Automated Virology (Serology) Analysers

Section A: Methods and Test	**14%**	**Scoring Rate**
Tabulate the following points of evidence: 1. Detailing full test menu per analyser and stating whether all the tests requested in this tender are included. 2. Indicate which tests can be accommodated as user-defined methods (provide evidence of acceptable performance in an NHLS or any other lab). 3. Indicate the methodology employed per test per analyser, e.g. MEIA 4. State the on-board stability period of the reagents test repertoire. 5. Indicate whether platforms have sufficient reagent capacity to accommodate the lab's full test repertoire and volume and standby reagent. 6. State the reagent pack sizes that will accommodate the slow-moving tests indicated in the test repertoire and volume list.	14%	Score 12: If all 6 points available. Score10: If 5 points available. Score 8: If 4 points available. Score 6: If 3 points available. Score 4: If 1 point available. Score 2: If 1 point available or none is available.
Section B: Service and Maintenance	**20%**	
Provision of 1 dedicated Instrument technician / engineers and 1 Application Specialist (AS) available for the Gauteng region to provide an uninterrupted service with back up. The same team cannot be shared with other provinces. (Provide a commitment letter indicating allocation).	10%	Score 8: If all available. Score 4: If only one of the two is available. Score 0: If not available.
< 2 hour Response time (arrival of technician / engineer on site) from time of call log for analyser breakdown / malfunction.	6%	Score 6: If available <2hrs. Score 4: If available between 2-4hrs. Score 2: If available between 4-6. Score 0: If >6rs.

Tabulate the full daily, full weekly, and full monthly maintenance procedures, including time taken.	4%	Score 4: If daily≤ 30 min, weekly≤ 60 min and monthly ≤3hr. Score 0: Do not meet above criteria.
Section C: QC and Calibrators	**18%**	
RFID Reagents and calibrators.	6%	Score 5: RFID reagents and calibrators. Score 0: If nothing. Score 3: If either reagents or calibrators have RFID functionality. Score 0: If not provided.
Calibration error detection and flagging.	6%	Score 5: If available. Score 0: No calibration error detection and flagging.
Ability to block patient testing due to calibrator or IQC failure.	6%	Score 5: Functionality available for both calibrator and IQC failure. Score 3: Functionality available for either calibrator or IQC failure. Score 0: Not available.
Section D: Reagents and Stock Control	**14%**	
Provision of an electronic Reagent and Consumable stock monitoring system on the instrument. To provide all the details, i.e. level sensor of the volume of tests remaining and alert the operator via an alarm on low volume test.	4%	Score 3: Electronic System available. Score 0: Electronic if system not available or suboptimal.
The inventory Management system that can be interphased with the NHLS procurement system support/assist the laboratory stock handling, including timeous backorder, reports on delivery, stock-outs, short deliveries.	3%	Score 2: Available. Score 0: Not available.
Facility for emergency stock delivery if the laboratory unexpectedly runs out of stock or has to take on extra work from other labs, including a contingency plan for after-hours or public holidays.	2%	Score 2: Emergency stock plan. Score 0: No Plan.
Allows continuous loading of reagents without the downtime of the instrument. Loading of reagents without interruption of sample processing required.	2%	Score 2: If available.

		Score 0: No continuous loading on all modules.
Ready to load reagents: Tabulate as per test repertoire provided.	3%	Score 3: If all reagents are ready to load. Score 2: If half of the reagents are ready to load. Score 0: If less than half of reagents are ready to load.
Section E: IT / Middleware	**10%**	
Audit Trail: Ability to show operators name/code for all events, including the configuration of calibrator, controls, and reagents and be able to retain this information.	5%	Score 3: Audit trail functionality available. Score 0: No functionality.
Ability to download audit trail information into a CSV file or similar.	5%	Score 3: Available. Score 0: Not available.
F (a) Sample Management = 24%	**24%**	

Automatic reintroduction of resealed/recapped samples from the Storage Unit onto the Track with no manual intervention for repeat testing, reflex testing, or automated dilutions/decapping / unsealing processes. (Provide details of this process).	6%	Score 6: If no manual steps are required. Score 0: For any other response.
The track can reroute samples in real time based on delays/availability of tests on the analyser.	6%	Score 6: If able to do it in real-time. Score 0: If requires manual intervention.
Ability to track, monitor and regulate unprocessed samples transit and circulation time on the Track (From entry to storage).	6%	Score 6: If the system can perform all requirements. Score 0: No Tracking capabilities.
Provision of: Decapper with recapper / re-sealer facility or Direct tube puncture/cap piercer.	6%	Score 6: If all options are available. Score 2: If either option is available. Score 0: If no recapping or

		resealing, or direct tube puncture is available.
Total	**100%**	

ANNEXURE B: Pricing Schedule

Please indicate your total bid price here: R_____**(inclusive of all applicable taxes, e.g. VAT)**

Important:

It is mandatory to indicate your total bid price as requested above. This price must be the same as the total bid price you submit in your pricing schedule. Should the total bid prices differ, the total bid price indicated above shall be considered the correct price.

The following must be noted:

1. All prices must be VAT inclusive of all applicable taxes and must be quoted in South African Rand (ZAR).
2. All prices must be firm and fixed from the tender closing date and for the duration of the contract
3. All the consortium or joint venture partners must submit a complete set of the latest audited financial statements.
4. All bidders must cost according to the costing template provided or this will lead to disqualification.

5.

The cost of installation, delivery, site preparation etc. Must be included in this proposal.	Comply	Do Not comply
Substantiate / Comments.		

6.

No price adjustments that are 100% linked to exchange rate variations shall be allowed.	Comply	Do Not comply
Substantiate / Comments.		

7.

The bidder must indicate **clearly** which portion of the purchase price as well as the monthly costs is linked to the exchange rate.	Comply	Do Not comply
Substantiate / Comments.		

8.

All additional costs must be clearly specified.	Comply	Do Not comply
Substantiate / Comments.		

NATIONAL HEALTH LABORATORY SERVICE

SBD 3.1

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.

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

Name of bidder: _____

Bid number: **RFB064/24/25 Closing** Time **11:00 am** Closing date: **11 APRIL 2025**

Bid Price (Vat incl.) R_____

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

ITEM NO.	**QUANTITY**	**DESCRIPTION**	**BID PRICE IN RSA CURRENCY** ** (ALL APPLICABLE TAXES INCLUDED)

- **Required by:** _____
- **At:** _____

  _____
- **Brand and model** _____
- **Country of origin** _____
- **Does the offer comply with the specification(s)?** ***YES/NO**
- **If not to specification, indicate deviation(s)** _____
- **Period required for delivery** _____

  ***Delivery: Firm/not firm**
- **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, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.**

PRICE DECLARATION FORM-

Dear Madam /Sir,

Having read through and examined the Tender Document, **RFB NO: 064/24/25,** General Conditions, the requirement and all other Annexures to the Tender Document, we offer to provide **Placement of Total Automation System for Pre-Analytics, Analytic and Post-Analytical systems for chemical pathology/ STAT Laboratory for National Health Laboratory Service DGM (including reagents, consumables & service contract for a period of five (5) years)** as detailed in the bid document, for the total Tendered Contract Sum of in:

_____ (VAT Incl.) Amount in Words

R_____ (VAT Incl.) Amount in Numbers

We confirm that this price covers all activities associated with **RFB064/24/25: Placement of Total Automation System for Pre-Analytics, Analytic and Post-Analytical systems for chemical pathology/ STAT Laboratory for National Health Laboratory Service DGM (including reagents, consumables & service contract for a period of five (5) years).** We confirm that NHLS will incur no additional costs whatsoever over and above this amount in connection with the supply of this solution.

We further confirm that all licences required for complete implementation of the solution, and the costs associated therewith, as well as any licences that may be required for future expansion have been fully described and disclosed in this document.

We undertake to hold this offer open for acceptance for a period of **180 days** from the date of submission of offers. We further undertake that upon final acceptance of our offer, we will commence with delivery when required to do so by the Client.

Moreover, we agree that until formal Contract Documents have been prepared and executed, this Form of Tender, together with a written acceptance from the Client shall constitute a binding agreement between us, governed by the terms and conditions set out in this Request for Proposals.

We understand that you are not bound to accept the lowest or any offer and that we must bear all costs which we have incurred in connection with preparing and submitting this tender.

We hereby undertake for the period during which this tender remains open for acceptance not to divulge to any persons, other than the persons to which the tender is submitted, any information relating to the submission of this tender or the details therein except where such is necessary for the submission of this tender.

SIGNED: _____ **DATE:** _____

Print name of signatory) _____

Designation _____

FOR AND ON BEHALF OF: COMPANY NAME _____

Tel No _____

Fax No _____

Cell No _____

Bidders *must* provide the NHLS with costing information for a 5 years' contract duration. The bid price quoted must be inclusive as per the scope of work.

Note:

a) Bidder must complete the pricing as per tables below.

b) Prices must be provided in South African Rand (R).

c) Line Prices are all VAT EXCLUSIVE and TOTAL PRICE is VAT INCLUSIVE.

d) Bidder to ensure that the Prices listed below are included on the Total Declared Price.

e) Bidders who fail to price according to the costing template provided will be disqualified.

Costing Table: DGM Laboratory

PLACEMENT FEE	Quantity	Monthly Cost in Year 1 (VAT Excl.)	Annual Cost Year 1 (VAT Excl.)	Monthly Cost in Year 2 (VAT Excl.)	Annual Cost Year 2 (VAT Excl.)	Monthly Cost in Year 3 (VAT Excl.)	Annual Cost Year 3 (VAT Excl.)	Monthly Cost in Year 4 (VAT Excl.)	Annual Cost Year 4 (VAT Excl.)	Monthly Cost in Year 5 (VAT Excl.)	Annual Cost Year 5 (VAT Excl.)	Total Annual Cost Year 1 to 5 (VAT Excl.)
Placement Fee		R	R	R	R	R	R	R	R	R	R	**R**
Kit/Reagents		R	R	R	R	R	R	R	R	R	R	**R**
Test Consumables		R	R	R	R	R	R	R	R	R	R	**R**
Controls		R	R	R	R	R	R	R	R	R	R	**R**
Calibrators		R	R	R	R	R	R	R	R	R	R	**R**
Service and Maintenance Costs	**1**	R	R	R	R	R	R	R	R	R	R	**R**
Software/ IT maintenance		R	R	R	R	R	R	R	R	R	R	**R**
Consumables Needed During Preventative Maintenance		R	R	R	R	R	R	R	R	R	R	**R**
Insurance		R	R	R	R	R	R	R	R	R	R	**R**
Training		R	R	R	R	R	R	R	R	R	R	**R**
Subtotal (VAT Excl.)		R	R	R	R	R	R	R	R	R	R	**R**
VAT (15%)		R	R	R	R	R	R	R	R	R	R	**R**
Total Price (VAT Incl.)		R	R	R	R	R	R	R	R	R	R	**R**

Please indicate the summary cost per test for the following items: -

Item	Cost per Test	Monthly Cost (Rand)
Test Consumables		
Controls		
Calibrators		

Training

Description	Total cost Vat Excl.	Total cost Vat Incl.

Please any additional comments in the box below to further clarify any details about the all-in cost per test for your assay: -

List content of reagent kit for consumables (is column for analysis included as consumables in reagent kit).

Please provide a detailed bill of materials for the assays included in the proposal specifications per NHLS laboratory:

Test	Test Volumes per month	Test per kit	Unit Cost	Cost per billable

NATIONAL HEALTH LABORATORY SERVICE

Table 1: DGM Chemical Pathology Laboratory Volumes

Department of Chemical Pathology							
Test	**FY23_24 Test**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Total**
17-Alpha-Hydroxy-Progesterone	31	33	35	37	39	41	185
Acetyl choline Receptor Antibody	28	30	32	34	36	38	170
Adenosine Deaminase	2276	2278	2280	2282	2284	2286	11410
Adenosine Deaminase - CSF	89	99	109	119	129	139	595
Adenosine Deaminase - Fluid	638	640	642	644	646	648	3220
Adreno-Corticotrophic Hormone (ACTH	2	4	6	8	10	12	40
Alanine Transaminase	68185	68191	68196	68202	68207	68213	341008
Albumin - Serum	48267	48285	48303	48321	48339	48357	241605
Alcohol (In Blood)	9	11	13	15	17	19	75
Alpha 1 Antitrypsin	30	32	34	36	38	40	180
Alpha Feto-Protein (AFP)	7864	7879	7894	7909	7924	7939	39545
Amikacin	50	52	54	56	58	60	280
Ammonia	220	235	250	265	280	295	1325
Amylase -Fluid	399	414	429	444	459	474	2220
Amylase Total - Serum	4937	4942	4947	4952	4957	4962	24760
Angiotensin Convert Enzyme (ACE)	14273	14283	14293	14303	14313	14323	71515
Anti-Mullerian Hormone	126	131	136	141	146	151	705
Anti-TG	240	242	244	246	248	250	1230
Antithyroidperoxidase Antibodiesb(Ant	399	409	419	429	439	449	2145
Aspartate Transaminase	38266	38281	38296	38311	38326	38341	191555
Barbiturates	0	2	4	6	8	10	30
Benzodiazepines	5	7	9	11	13	15	55
Beta-2 Microglobulin	720	727	734	741	748	755	3706
BHCG (human chorionic gonadotropin)	8839	8852	8864	8877	8889	8902	44383
Bilirubin Direct	39864	39880	39895	39911	39926	39942	199553
Bilirubin Total	59228	59238	59247	59257	59266	59276	296284

Ca-125 Tumour Marker	3626	3641	3656	3671	3686	3701	18355
Ca-15.3 Tumour Marker	20	25	30	35	40	45	175
Ca-19.9 Tumour Marker	4257	4272	4287	4302	4317	4332	21510
Caeruloplasmin	42	44	47	49	52	54	246
Calcium - Serum	68040	68052	68064	68076	68089	68101	340382
Calcium - Urine	24	26	28	30	32	34	150
Carbamazepine Level	931	937	943	948	954	960	4742
Carcino Embryonic Antigen (CEA)	7503	7518	7533	7548	7563	7578	37740
Chloride	139247	139257	139267	139277	139287	139297	696385
Chloride - Fluid	869	876	883	890	897	904	4450
Cholesterol HDL	24810	24825	24840	24855	24870	24885	124275
Cholesterol Total	86915	86930	86945	86960	86975	86990	434800
Cholestrol LDL - Measured	42856	42871	42886	42901	42916	42931	214505
Cholinesterase Total	696	709	722	736	749	762	3678
Chromogranin A	19	21	23	25	27	29	125
CO2 Total	139247	139257	139267	139277	139287	139297	696385
CO2 Content -Fluid	943	958	973	988	1003	1018	4940
Cortisol	1584	1599	1614	1629	1644	1659	8145
C-Peptide	394	409	424	439	454	469	2195
C-Reactive Protein(wide range & High Se	75468	75477	75486	75496	75505	75514	377479
Creatine Kinase	6914	6919	6924	6929	6934	6939	34645
Creatine Kinase MB	11209	11212	11214	11217	11220	11222	56085
Creatinine	303656	303666	303676	303685	303695	303705	1518427
Creatinine - Urine	4790	4799	4808	4817	4825	4834	24083
Digoxin Level	106	111	116	121	126	131	605
Dihydroepianrostene Sulphate (DHEAS)	22	27	32	37	42	47	185
Follicle-Stimulating Hormone (FSH)	3164	3179	3194	3209	3224	3239	16045
Triiodothyronine Free (FT3)	28391	28406	28421	28436	28451	28466	142180
Free light chains	920	928	935	943	950	958	4713
Free PSA	3745	3753	3760	3768	3775	3783	18838
Fructosamine	90	95	100	105	110	115	525
Gentamicin	50	52	54	56	58	60	280
Glucose - Plasma	10252	10257	10262	10267	10272	10277	51335
Glucose -CSF	167	177	187	197	207	217	985
Glucose Fluid & Urine	1915	1916	1917	1918	1919	1920	9590
Glutamyl Transpeptidase	34039	34054	34069	34084	34099	34114	170420

Glycated Haemoglobin (HbA1c)	80058	80073	80088	80103	80118	80133	400515
Haptoglobin	7841	7846	7851	7856	7861	7866	39280
Human Growth Hormone - Hgh	70	72	74	76	78	80	380
Human IgG Subclasses	83	88	93	98	103	108	490
Immunoglobulins IgA	1422	1427	1432	1437	1442	1447	7185
Immunoglobulins IgG	1589	1594	1599	1604	1609	1614	8020
Immunoglobulins IgM	1518	1523	1528	1533	1538	1543	7665
Insulin	558	563	568	573	578	583	2865
Iron	19791	19801	19811	19821	19831	19841	99105
Lactate	8	10	12	14	16	18	70
Lactate Dehydrogenase Total	39605	39620	39635	39650	39665	39680	198250
Lipase	6199	6209	6219	6229	6239	6249	31145
Lithium	118	120	122	124	126	128	620
Luteinizing Hormone (LH)	2866	2876	2886	2896	2906	2916	14480
Magnesium	66776	66791	66806	66821	66836	66851	334105
Magnesium Urine	14	16	18	20	22	24	100
Urine Albumin (Microalbumin)	768	779	790	801	812	823	4005
N-terminal proBNP (NT-proBNP)	3873	3888	3903	3918	3933	3948	19590
Oestradiol Total	2530	2545	2560	2575	2590	2605	12875
Paracetamol/Acetaminophen	996	1006	1016	1026	1036	1046	5130
Parathyroid Hormone	284	289	294	299	304	309	1495
Pentobarbital	473	478	483	488	493	498	2440
Phenobarbitone	733	738	743	748	753	758	3740
Phenytoin	300	305	310	315	320	325	1575
Phosphatase Alkaline	55991	56006	56021	56036	56051	56066	280180
Phosphorus - Urine	16	22	29	35	41	47	174
Phosphorus	66801	66816	66831	66846	66861	66876	334230
Potassium	139247	139262	139277	139292	139307	139322	696460
Potassium - Fluid	7230	7235	7240	7245	7250	7255	36225
Potassium -Urine	336	341	346	351	356	361	1755
Procalcitonin	18357	18377	18397	18417	18437	18457	92085
Progesterone	4047	4057	4067	4077	4087	4097	20385
Prolactin	2683	2693	2703	2713	2723	2733	13565
Prostatic Specific Antigen (PSA)	68742	68762	68782	68802	68822	68842	344010
Protein Total (Fluid)	614	619	624	629	634	639	3145
Protein Total (CSF)	4263	4275	4287	4299	4311	4323	21495
Protein Total Urine	2010	2015	2020	2025	2030	2035	10125
Protein Total (serum)	33999	34017	34035	34053	34071	34089	170264
Sex Hormone Binding Globulin (SHBG)	494	499	504	509	514	519	2545

Salicylates	739	744	749	754	759	764	3770
Serum Ferritin	19530	19545	19560	19575	19591	19606	97877
Serum Folate	19861	19876	19891	19906	19921	19936	99530
Serum Vitamin B12	31282	31297	31312	31327	31342	31357	156635
Sodium	139247	139257	139267	139277	139287	139297	696385
Sodium Fluid & Urine	5788	5798	5808	5818	5828	5838	29090
Testosterone Total	1847	1857	1867	1877	1887	1897	9385
Theophylline	70	75	80	85	90	95	425
Thyrogobulin	29	34	39	44	49	54	220
Thyroid Stimulating Hormone (TSH)	47371	47391	47411	47431	47451	47471	237155
Thyroxine Free (FT4)	36001	36021	36041	36061	36081	36101	180305
Transferrin	19403	19418	19433	19448	19463	19478	97240
Triglyceride	42613	42628	42643	42658	42673	42688	213290
cTroponin I (high sensitivity)	13382	13392	13402	13412	13422	13432	67060
TSH Receptor Antibodies	200	202	204	206	208	210	1030
Urea	139247	139262	139277	139292	139307	139322	696460
Urea - Fluid	338	343	348	353	358	363	1765
Urea - Urine	3304	3309	3314	3319	3324	3329	16595
Uric Acid - Fluid & Urine	85	90	95	100	105	110	500
Uric Acid	16485	16500	16515	16530	16545	16560	82650
Urinary Free Cortisol	24	29	34	39	44	49	195
Valproic Acid Levels	2258	2263	2268	2273	2278	2283	11365
Vancomycin Levels	126	131	136	141	146	151	705
Vitamin D	331	336	341	346	351	356	1730
Holotranscobalamin	25	30	35	40	45	50	200
Everolimis	25	30	35	40	45	50	200
Sirolimis	25	30	35	40	45	50	200
Mycophenolic acid	25	30	35	40	45	50	200
Methotraxate	25	30	35	40	45	50	200
Cystatin C	25	30	35	40	45	50	200
IL-6	25	30	35	40	45	50	200
Total Bile Acid	25	30	35	40	45	50	200
ApoLipoprotein B	25	30	35	40	45	50	200
Lipoprotein (a)	25	30	35	40	45	50	200
Soluble transferrin receptors	25	30	35	40	45	50	200
Glycated Albumin	25	30	35	40	45	50	200
Calcitonin	25	30	35	40	45	50	200
Cyclosporin	25	30	35	40	45	50	200
Tricyclic antidepressants (TCA)	25	30	35	40	45	50	200
Enhanced Liver fibrosis(ELF)	25	30	35	40	45	50	200
Total	**2485170**	**2486361**	**2487552**	**2488742**	**2489933**	**2491124**	**12443712**

NATIONAL HEALTH LABORATORY SERVICE

Department:

Table 2: DGM Coagulation and ESR Analyzer: Volumes

TEST	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY27/28	Test Volumes/5 years
COAGULATION ANALYSER						
Prothrombin Time / Int Normalised Ratio	17289	19017	20918	23009	25309	105542
Activated Partial Thromboplastin Time	10832	11915	13106	14416	15857	66126
D-Dimer	9108	10018	11019	12120	13332	55597
Fibrinogen	4015	4416	4857	5342	5876	24506
Thrombin Time	394	433	476	523	575	2401
Lupus Anticoagulant	1069	1175	1292	1421	1563	6520
Lupus Sensitive APTT	1063	1169	1285	1413	1554	6484
Protein C	937	1030	1133	1246	1370	5716
Free Protein S	944	1038	1141	1255	1380	5758
Anti-Thrombin III	428	470	517	568	624	2607
Factor VIII	69	75	82	90	99	415
Factor VIII Inhibitor	72	79	86	94	103	434
Factor IX	50	55	60	66	72	303
Factor IX Inhibitor	5	6	7	8	9	35
Anti Factor Xa Assay	29	31	34	37	40	171
von Willebrand Factor Antigen						
von Willebrand Factor Activity						
Total	**46304**	**50927**	**56013**	**61608**	**67763**	**282615**
AUTOMATED ESR ANALYSER						
Erythrocyte Sedimentation Rate	8767	9643	10607	11667	12833	53517
Total	**8767**	**9643**	**10607**	**11667**	**12833**	**53517**
OTHER						

Erythropoetin	17	18	19	20	22	96
Total	**17**	**18**	**19**	**20**	**22**	**96**

STAT LAB

COAGULATION VOLUMES FOR STAT LABORATORY						
TEST	**FY 23/24**	**FY 24/25**	**FY 25/26**	**FY 26/27**	**FY27/28**	**Test Volumes/5 years**
COAGULATION ANALYSER						
Prothrombin Time / Int Normalised Ratio	5186	5705	6275	6902	7592	31660
Activated Partial Thromboplastin Time	3249	3574	3931	4324	4757	19835
D-Dimer	2732	3005	3305	3636	3999	16677
Fibrinogen	1204	1325	1457	1602	1762	7350
Thrombin Time	118	130	142	156	172	718
Total	**12489**	**13739**	**15110**	**16620**	**18282**	**76240**

DGM CHEMICAL PATHOLOGY STAT Laboratory								
Test	**FY23**	**FY24**	**FY25**	**FY26**	**FY27**	**FY28**	**FY29**	**Total**
Alanine Transaminase	19323	22801	24169	25619	27157	28786	30513	178368
Albumin - Serum	11872	14009	16531	19506	23018	27161	32050	144147
Amylase Total - Serum	1591	1670	1754	1841	1933	2030	2132	12951
Aspartate Transaminase	9461	10880	12512	14389	16547	19029	21883	104701
BHCG (human chorionic gonadotropin)	2320	2621	2962	3347	3783	4274	4830	24138
Bilirubin Direct	10100	11716	13591	15765	18288	21214	24608	115281
Bilirubin Total	16065	17672	19439	21383	23521	25873	28461	152414
Calcium - Serum	17929	20081	22490	25189	28212	31597	35389	180888
Chloride	41945	46140	50754	55829	61412	67553	74309	397943
Cholesterol HDL	5861	6740	7751	8913	10250	11788	13556	64857
Cholesterol Total	22375	25731	29591	34030	39134	45005	51755	247622
Cholestrol LDL - Measured	10138	11659	13408	15419	17732	20392	23450	112197
Cholinesterase Total	181	205	231	261	295	334	377	1885
CO2 Total	41945	46140	50754	55829	61412	67553	74309	397943
Cortisol	351	403	464	533	613	705	811	3881
C-Reactive Protein(wide range & High Sensitivity)	20548	22397	24413	26610	29005	31615	34460	189047
Creatine Kinase MB	3273	3371	3472	3576	3684	3794	3908	25079
Creatinine	82175	90392	99431	109374	120312	132343	145577	779604
Triiodothyronine Free (FT3)	6426	7390	8498	9773	11239	12925	14864	71115
Glucose - Plasma	3119	3275	3438	3610	3791	3980	4179	25393
Glucose -CSF	38	42	46	51	56	62	68	364
Glutamyl Transpeptidase	8779	10095	11610	13351	15354	17657	20305	97151
Lactate Dehydrogenase Total	10695	12299	14144	16265	18705	21511	24737	118356

Lipase	1749	1924	2116	2328	2561	2817	3098	16593
Magnesium	17500	20125	23143	26615	30607	35198	40478	193665
N-terminal proBNP (NT-proBNP)	979	1126	1295	1489	1713	1970	2265	10837
Phosphatase Alkaline	15989	18387	16004	16019	16034	16049	16064	114543
Phosphorus	17728	20040	20040	20040	20040	20040	20040	137969
Potassium	41945	48237	55473	63794	73363	84367	97022	464201
Procalcitonin	7495	8994	10793	12952	15542	18650	22381	96807
Protein Total (CSF)	1123	1258	1409	1578	1767	1979	2216	11329
Protein Total (serum)	8369	9875	11653	13750	16225	19146	22592	101610
Sodium	41945	46140	50754	55829	61412	67553	74309	397943
Thyroid Stimulating Hormone (TSH)	10105	12126	14551	17461	20954	25144	30173	130514
Thyroxine Free (FT4)	7877	9452	11343	13611	16333	19600	23520	101736
Triglyceride	11174	12850	14777	16994	19543	22475	25846	123658
cTroponin I (high sensitivity)	4014	4416	4857	5343	5877	6465	7112	38084
Urea	41945	48237	55473	63794	73363	84367	97022	464201
Uric Acid	4095	4710	5416	6228	7163	8237	9473	45322
Total	**580541**	**655626**	**730550**	**818292**	**917949**	**1031238**	**1160142**	**5894339**

Department: Virology (Serology)

Table 3: DGM Serology Laboratory

Serology Volumes Tests	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28
Anti-HBc	8400	9240	10164	11180,4	12298
Anti-HBc IgM	2400	2640	2904	3194,4	3513,4
Anti-HBs	12000	13200	14520	15972	17569,2
Anti-HCV	7200	7920	8712	9583,2	1911,3
HBsAg	66000	72600	79860	87846	96630,6
HBeAg	11100	12210	13431	14774,1	16251,5
HBeAb	1200	1310	1441	1585,1	1743,61
HIV Ag/Ab	10800	11880	13068	14374,8	15811,4
HTLV I/II	1200	1310	1441	1585,1	1743,5

Hep A IgM	8400	9240	10164	1032,4	1135
Rubella IgG	7200	7920	8712	1743,2	1917,3
Rubella IgM	7200	7920	8712	1743,2	1917,3
CMV IgG	4800	5280	5332	5865,2	6451,72
CMV IgM	4800	5280	5808	6388,8	6388,8
EBV NA IgG	3600	3960	4356	4791,6	5270,76
EBV VCA IgG	4200	4620	4356	4791,6	5270,76
EBV VCA IgM	4200	4620	4356	4791,6	5270,76
Parvovirus IgG					
Parvovirus IgM					

ANNEXURE C: Bidder's Disclosure (SBD4)

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest[1] in the enterprise,

employed by the state? **YES/NO**

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

Full Name	Identity Number	Name of State institution

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

2.2.1 If so, furnish particulars:

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

……
……

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

2.3.1 If so, furnish particulars:
……
……

3 DECLARATION

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

3.1 I have read and I understand the contents of this disclosure;

3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium[2] will not be construed as collusive bidding.

3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

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

3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

……	……
Signature	Date
……	……
Position	Name of bidder

ANNEXURE D: Preferential Procurement Claim Form (SBD6.1)

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

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

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

---

1 GENERAL CONDITIONS

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

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

2.1 To be completed by the organ of state

(*delete whichever is not applicable for this tender*).

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

b) The 80/20 or 90/10 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

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

a) Price; and

b) Specific Goals.

2.3 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	**80/90**
SPECIFIC GOALS	**20/10**
Total points for Price and SPECIFIC GOALS	**100**

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

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

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

(Note to organs of state: The 80/20 or 90/10 preference point system is applicable, corresponding points must also be indicated as such.

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

The specific goals allocated points in terms of this tender		Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)
a) Historically Disadvantaged Individuals. (Means a South African citizen who, due to the apartheid policy that had been in place, had no franchise in national elections prior to the introduction of the Constitution of the Republic of South Africa, 1983 (Act No. 110 of 1983) or the Constitution of the Republic of South Africa, 1993 (Act No. 200 of 1993) ("The Interim Constitution").	Valid B-BBEE Certificate/Affidavit Sworn under oath, ID copy of owner/s of the business / Ownership certificate issued by Companies and Intellectual Property Commission (CIPC).	6		3	
Woman	Valid B-BBEE Certificate/Affidavit Sworn under oath, ID copy of owner/s of the business / Ownership certificate issued by Companies and Intellectual Property Commission (CIPC).	4		2	
Disabled	Valid B-BBEE Certificate/Affidavit Sworn under oath,	1		1	

The specific goals allocated points in terms of this tender		Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)
	ID copy of owner/s of the business / Ownership certificate issued by Companies and Intellectual Property Commission (CIPC).				
Youth	Valid B-BBEE Certificate/Affidavit Sworn under oath, ID copy of owner/s of the business / Ownership certificate issued by Companies and Intellectual Property Commission (CIPC).	4		2	
Locality • Gauteng Province = 5 = 2 • National = 0	CSD/proof of municipal account /letter from the Ward Council confirming the business address.	5		2	

The specific goals allocated points in terms of this tender		Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)
	Lease agreement.				
Total Points		**20**		**10**	

DECLARATION WITH REGARD TO COMPANY/FIRM

3.1. Name of company/firm…….

3.2. Company registration number: ……..

3.3. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

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

i) The information furnished is true and correct;

ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have

(a) disqualify the person from the tendering process;

(b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;

(c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;

(d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and

(e) forward the matter for criminal prosecution, if deemed necessary.

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME: .....

DATE: .....

ADDRESS: .....

.....

.....

.....

SWORN AFFIDAVIT: B-BBEE QUALIFYING SMALL ENTERPRISE: GENERAL

I, the Undersigned

Full Name and Surname:	
Identity Number:	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner of the following enterprise and am duly authorised to act on its behalf:

Enterprise Name:	
Trading (if applicable):	
Enterprise Physical Address:	
Type of Entity (CC, Pty Ltd, Sole Prop etc.)	
Nature of Business:	
Definition of "Black People:	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians – a. Who are citizens of the Republic of South Africa by birth or descent; or b. Who became citizens of the Republic of South Africa by naturalization- i. Before 27 April 1994; or ii. On or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date

3. I hereby declare under Oath that:

- The Enterprise is _____% Black Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013.
- The Enterprise is _____% Black Woman Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013.

- The Enterprise is _____% Black Designated Group Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013.
- Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of _____, the annual Total Revenue was between R10,000,000.00 (Ten Million Rands) and R50,000,000.00 (Fifty Million Rands).
- Please confirm on the table below the B-BBEE level contributor, by ticking the applicable box.

100% Black Owned	Level One (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	Level Two (125% B-BBEE procurement recognition level)	

4. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and 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 signed by commissioner.

Deponent Signature: _____

Date: _____

_____

Commissioner of Oaths

Signature and Stamp

SWORN AFFIDAVIT: B-BBEE QUALIFYING MICRO ENTERPRISE: GENERAL

I, the Undersigned

Full Name and Surname:	
Identity Number:	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner of the following enterprise and am duly authorised to act on its behalf:

Enterprise Name:	
Trading (if applicable):	
Enterprise Physical Address:	
Type of Entity (CC, Pty Ltd, Sole Prop etc.)	
Nature of Business:	
Definition of "Black People:	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians – c. Who are citizens of the Republic of South Africa by birth or descent; or d. Who became citizens of the Republic of South Africa by naturalization- iii. Before 27 April 1994; or iv. On or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date

3. I hereby declare under Oath that:
   - The Enterprise is _____% Black Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013.
   - The Enterprise is _____% Black Woman Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013.

- The Enterprise is _____% Black Designated Group Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013.
- Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of _____, the annual Total Revenue was between R10,000,000.00 (Ten Million Rands) or less.

- Please confirm on the table below the B-BBEE level contributor, by ticking the applicable box.

100% Black Owned	**Level One** (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	**Level Two** (125% B-BBEE procurement recognition level)	
Less than 51% Black Owned	**Level Four** (100% B-BBEE procurement recognition level)	

4. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and 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 signed by commissioner.

Deponent Signature: _____

Date: _____

_____

Commissioner of Oaths

Signature and Stamp

ANNEXURE E: Government Procurement: General Conditions of Contract – July 2011

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 GCC 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 GCC. Whenever there is a conflict, the provisions in the SCC shall prevail.

TABLE OF CLAUSES

1. Definitions
2. Application
3. General
4. Standards
5. Use of contract documents and information; inspection
6. Patent rights
7. Performance security
8. Inspections, tests and analysis
9. Packing
10. Delivery and documents
11. Insurance
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13. Incidental services
14. Spare parts
15. Warranty
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18. Contract amendments
19. Assignment
20. Subcontracts
21. Delays in the supplier's performance
22. Penalties
23. Termination for default
24. Dumping and countervailing duties
25. Force Majeure
26. Termination for insolvency
27. Settlement of disputes
28. Limitation of liability
29. Governing language
30. Applicable law
31. Notices
32. Taxes and duties
33. National Industrial Participation Programme (NIPP)
34. Prohibition of restrictive practices

General conditions of contract

1. Definitions

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.

1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.

1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.

1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.

1.14 "GCC" means the General Conditions of Contract.

1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.

1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.

1.17 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.

1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.

1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.

1.20 "Project site," where applicable, means the place indicated in bidding documents.

1.21 "Purchaser" means the organisation purchasing the goods.

1.22 "Republic" means the RSA.

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, SCC are also laid down to cover specific supplies, services or works.

2.3 Where such SCC are in conflict with these general conditions, the special conditions shall apply.

3. General

3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.

3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

4. Standards

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

5. Use of contract documents and information; inspection

5.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.

5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.

5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

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

7. Performance security

7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.

7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.

7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:

7.3.1 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

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

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

9. Packing

9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme

temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

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

10.2 Documents to be submitted by the supplier are specified in SCC.

11. Insurance

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

12. Transportation

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

13. Incidental services

13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

13.1.1 performance or supervision of on-site assembly and/or commissioning of the supplied goods;

13.1.2 furnishing of tools required for assembly and/or maintenance of the supplied goods;

13.1.3 furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;

13.1.4 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

13.1.5 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:

14.1.1 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

14.1.2 in the event of termination of production of the spare parts:

14.1.2.1 Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and

14.1.2.2 following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

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

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

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

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

15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

16. Payment

16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.

16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon 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 authorised in SCC or in the purchaser's request for bid validity extension, as the case may be.

18. Contract amendments

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

19. Assignment

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

20. Subcontracts

20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contract 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.

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:

23.1.1 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;

23.1.2 if the Supplier fails to perform any other obligation(s) under the contract; or

23.1.3 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:

23.6.1 the name and address of the supplier and / or person restricted by the purchaser;

23.6.2 the date of commencement of the restriction

23.6.3 the period of restriction; and

23.6.4 the reasons for the restriction.

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

23.8 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 lesthan

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,

27.5.1 the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and

27.5.2 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.

28.1.1 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

28.1.2 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 SARSs.

33. National Industrial Participation (NIP) Programme

33.1 The NIP Programme administered by the DTI 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.

The above General Conditions of Contract (GCC) are accepted by:

Name:	
Designation:	
Bidder:	
Signature:	
Date:	