NATIONAL HEALTH LABORATORY SERVICE

INVITATION FOR BID

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

BID NUMBER:	**RFB 007/23/24**
CLOSING DATE:	**8 SEPTEMBER 2023**
CLOSING TIME:	**11:00 AM**
PUBLIC TENDER OPENING:	**DATE: 8 SEPTEMBER 2023** **TIME: 11:30 AM** **VENUE: BLUEROOM** **NATIONAL HEALTH LABORATORY SERVICE** **1 MODDERFONTEIN ROAD** **SANDRINGHAM**
BID VALIDITY PERIOD:	**180 days (commencing from the RFB Closing Date)**
IMPORTANT:	**A COMPULSORY BRIEFING SESSION WILL BE HELD:** **DATE: 10 AUGUST 2023** **TIME: 11:00 AM** **VENUE: WITS MEDICAL SCHOOL** **7 YORK ROAD** **PARKTOWN** **CHEMICAL PATHOLOGY DEPARTMENT,** **3RD FLOOR, ROOM 3Q08** PLEASE NOTE THAT LATE COMING WILL NOT BE ACCEPTED All questions must be sent per e-mail to Phillip.serage@nhls.ac.za on or before **15 August 2023**
DESCRIPTION:	**PLACEMENT OF A TOTAL AUTOMATED PRE-ANALYTICAL, ANALYTICAL, POST ANALYTICAL ANALYSERS FOR CHEMISTRY, ENDOCRINE, SEROLOGY, HAEMATOLOGY, ESR, COAGULATION, AND POCT HBA1C (POINT OF CARE) AT THE CHARLOTTE MAXEKE JOHANNESBURG ACADEMIC HOSPITAL LABORATORY FOR A PERIOD OF FIVE (5) YEARS INCLUDING SERVICE AND MAINTENANCE.**

BID DOCUMENTS MUST BE MARKED WITH THE FOLLOWING:	**OR**	**DEPOSITED IN THE BID BOX SITUATED AT:**
NHLS PROCUREMENT TENDER OFFICE		
RFB: 007/23/24		**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:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	☐ Yes ☐ No [TICK APPLICABLE BOX]	B-BBEE STATUS LEVEL SWORN AFFIDAVIT	☐ Yes ☐ No [TICK APPLICABLE BOX]	

SUPPLIER INFORMATION			
[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

Contents

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 **15 August 2023**. 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: Phillip Serage	Telephone	064 880 5687
	E-mail	Phillip.serage@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**, 8 September 2023 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 – 21 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.

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 7:** Bidder's Disclosure SBD 4

6.2.8 **Schedule 8**: 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 9**: Bid Price **(to be submitted in a separate envelop and marked clearly as follows: RFB number, RFB description and bidder's name).**

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 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

	Accept	**Do not Accept**

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.		

11.16

	Accept	Do not Accept
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.		

11.17

	Accept	Do not Accept
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.		

11.18

	Accept	Do not Accept
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.		

11.19

	Accept	Do not Accept
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.		

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

	Accept	**Do not Accept**

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)		

11.26

	Accept	Do not Accept
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.		

11.27

	Accept	Do not Accept
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		

11.28

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

11.29

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

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**

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.*

12.1.3 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 pre-qualification 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 evaluation.

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:**

a) 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.		

NHLS SPECIAL CONDITIONS OF CONTRACT

Bidders who fail to accept the Special Conditions of the Contract may be disqualified.

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**

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**

3. The manufacturer should supply calibrator, reagents and control material for verification purposes at no extra charge. Verification to occur in conjunction with functional current equipment. Onsite support should be provided for the duration of the verification.	**Accept**	**Do Not Accept**

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

5. 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**

6. 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**

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 to 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 to 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 bidders 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.		

13.4 The evaluation of the Bids shall be based on 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

The automated Chemistry/Haematology/Coagulation/Serology (Virology and Microbiology) platform and associated automated pre-analytical system at the automated main laboratory at Charlotte Maxeke Johannesburg Academic Hospital(CMJAH) is reaching the end of the contract and is 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, increase 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.

In addition, after five years with the existing system, it seems pertinent to update the system based on potentially new technologies and improvements to the automation platform and analysers, as well as improved assay performances due to kit enhancements.

4 SCOPE OF WORK

The scope of work should cover all the 4 disciplines below:

Chemistry: A Chemical pathology dedicated fully Automated Track system with a pre-analytical module for online Centrifugation, sorting, aliquoting. The pre analytical module should accommodate peak sample volumes of 1000 samples/hour. The solution should provide an online refrigerated storage facility, middleware and an inventory system. A pre-pre analytical solution prior to pre-analytical module to ensure automated transition from sample registration to instrument loading. High throughput analysers should accommodate the test repertoire for Chemistry, Endocrinology, and Immunology. Provision of a standalone chemistry analyser with offline centrifuges for stat lab services and highly contagious samples (VHF).

Haematology: At least two fully automated Haematology analysers; slide maker and strainer; digital cell morphology system connected to a dedicated track system. At least two automated standalone ESR analysers. Each Analyser must be able to accommodate the full existing test volume and repertoire. Connectivity to both the supplier's own Track system (if required) and to the Track system supplied by this Tender-awarded Track supplier. At least one standalone automated haematology analyser that can be used for the stat lab.

Coagulation: Two Fully automated coagulation analysers and pre-analytical module for online Centrifugation to accommodate the full test repertoire connected to an automation track. In addition, an on board /stand-alone platelet aggregometer. At least one standalone automated coagulation analyser with an offline centrifuge to accommodate a limited test repertoire that can be used for the stat lab.

Serology (Virology and Microbiology): A Track system linked to a fully automated pre- and post-analytic system with centrifugation, sorting and aliquoting properties, as well as a refrigerated storage facility with retrieval and sample discard features. At least 2 Immunoassay analysers connected to the pre-analytic systems and link to LIS. The analysers should utilize disposable tips for sample aspiration to prevent cross contamination**.** The automated analyser should also analyse the treponemal-specific syphilis serology (detection of IgM and IgG).

ANNEXURE 1:

Test menu required and monthly volumes per department.

CHEMICAL PATHOLOGY

	Serum mandatory tests		Serum mandatory tests		Fluid mandatory tests
1	Alpha 1 antitrypsin (A1AT)	51	Immunoglobulin G (IgG)	1	Albumin
2	Angiotensin Converting Enzyme	52	Immunoglobulin M (IgM)	2	Amylase
3	Acetaminophen	53	Interleukin -6 (IL6)	3	Cholesterol
4	Adrenocorticotropic hormone (ACTH)	54	Insulin	4	Creatinine

5	Alpha-fetoprotein (AFP)	55	Iron (Fe)	5	Glucose
6	Albumin	56	Lactate	6	Lactate dehydrogenase
7	Alkaline phosphatase (ALP)	57	Lactate dehydrogenase (LDH)	7	Protein
8	Alanine transaminase (ALT)	58	Low-density lipoprotein (measured)	8	Triglycerides
9	Antimullerian Hormone	59	Luteinising hormone (LH)	9	Urea
10	Amikacin	60	Lithium	10	Uric acid
11	Ammonia	61	Lipase		**CSF mandatory**
12	Amylase	62	Magnesium	1	glucose
13	Aspartate transaminase (AST)	63	N-terminal-pro-BNP (NT-pro-BNP)/ BNP	2	Immunoglobulin G
14	Antithyroglobulin (ATGA)	64	Parathyroid (PTH)	3	protein
15	Beta human chorionic gonadotropin	65	Phenobarbitone	4	CSF albumin
16	Bicarbonate (HCO3)	66	Phenytoin		**Other Matrix**
17	Bone resorption markers	67	Phosphate	1	POCT HBA1C (whole blood and capillary)
18	Calcium	68	Potassium (K)		**Additional tests**
19	Cancer antigen 125 (CA125)	69	Procalcitonin (PCT)	1	Androstenedione
20	Cancer antigen 19-9 (CA19-9)	70	Progesterone	2	Apoprotein B
21	Caeruloplasmin	71	Prolactin	3	Cancer antigen 153 (CA153)
22	Calcitonin	72	Prostate specific antigen (PSA)	4	Cyclosporin
23	Carbamazepine	73	Serum-free light chains (SFLC)	5	Everolimus
24	Conjugated bilirubin	74	Sodium (NA)	6	Faecal calprotectin
25	Carcinoembryonic antigen (CEA)	75	Sex hormone-binding globulin (SHBG)	7	Faecal occult blood (FOB)
26	Cholinesterase (CHE)	76	Serum indices (quantitative/semi-quantitative)**Haemolysis, icterus, lipaemia)**	8	Free PSA
27	Cholesterol	77	Total bilirubin	9	Gastrin
28	Creatine kinase-MB (CK-MB)	78	Total testosterone	10	High-sensitive CRP (hs-CRP)
29	Chloride	79	Theophylline	11	Lamotrigine
30	Cortisol	80	Total protein	12	Lipoprotein a
31	C-peptide	81	Transferrin	13	Methotrexate
32	Creatine kinase (CK)	82	Troponin High sensitivity	14	S100
33	C reactive protein (CRP)	83	Thyroid-stimulating Hormone (TSH)	15	Sirolimus
34	Creatinine (enzymatic)	84	Uric acid	16	Tacrolimus
35	Dehydroepiandrosterone sulfate (DHEAS)	85	Urea	17	Topiramate
36	Digoxin	86	Valproate	18	Oxalate
37	Estradiol (E2)	87	Vancomycin	19	Urine amylase
38	Ethanol	88	Vitamin B12	20	Urine cortisol
39	Ferritin			21	Urine uric acid
40	Folate			22	

41	Follicle-stimulating hormone (FSH)		**Urine mandatory test**		
42	Free triiodothyronine (fT3)	1	Albumin (microalbumin)		
43	Free thyroxine (fT4)	2	Calcium		
44	Gentamycin	3	Chloride		
45	Gamma-glutamyl transferase (GGT)	4	Creatinine		
46	Growth Hormone	5	Magnesium		
47	Glucose	6	Phosphate		
48	Haptoglobin	7	Potassium		
49	High-density lipoprotein (HDL)	8	Protein		
50	Immunoglobulin A (IgA)	9	Sodium		

MEDICAL VIROLOGY AND MICROBIOLOGY (SEROLOGY)

Virology Mandatory tests	**Virology Additional tests**
HIV Ag/Ab combined 4th generation assay	Hepatitis A IgG
Hepatitis B Surface Antigen	CMV IgM
Hepatitis B Surface Antibody	CMV IgG
Hepatitis B Core IgM Antibodies	Rubella IgM
Hepatitis B Core IgG/Total Antibodies	Rubella IgG
Hepatitis B e Antigen	HSV ½ IgM
Hepatitis B e Antibody	HSV ½ IgG
Hepatitis A IgM Antibody	HTLVI/II
Hepatitis C antibody	Virology Additional tests
EBV IgM	Hepatitis A IgG
EBV IgG (VCA &NA)	CMV IgM
TPAB	

HAEMATOLOGY TEST REPERTOIRE

Mandatory test
FULL BLOOD COUNT [FBC] INCLUDING 5 PART DIFFERENTIAL AS A MINIMUM:
HB
RBC
HCT
MCV
MCH
MCHC
PLT
WBC
NEUTROPHILS
LYMPHOCYTES
MONOCYTES
EOSINOPHILS
BASOPHILS
RETICULOCYTE COUNTS [RETICS]

NUCLEATED RED BLOOD CELLS [NRBC].
ERYTHROCYTE SEDIMENTATION RATE [ESR]
DIGITAL CELL MORPHOLOGY SYSTEM
FULLY AUTOMATED SLIDE MAKING AND STAINING CAPABILITIES, COMPATIBLE WITH THE ANALYSER
Additional Tests Additional Reticulocyte Parameters e.g. reticulocyte haemoglobin content 6-part differential e.g. immature granulocytes

COAGULATION

Mandatory Tests	**Additional Tests**
ACTIVATED PARTIAL THROMBOPLASTIN TIME	FXIII
ANTI FACTOR XA ASSAY	PIVKAS
ANTI-THROMBIN III	PLASMINOGEN
D-DIMER	
FACTOR II (F2)	
FACTOR IX (F9)	
FACTOR IX (F9) INHIBITOR	
FACTOR V (F5)	DIRECT ORAL ANTICOAGULANT (DOAC) ACTIVITY TEST (E.G. RIVAROXABAN AND APIXABAN ANTI-XA)
FACTOR VII (F7)	
FACTOR VIII (F8)	
FACTOR VIII (F8) INHIBITOR	
FACTOR X (F10)	
FIBRINOGEN	
INT NORMALISED RATIO (INR)	
LUPUS ANTICOAGULANT	
LUPUS SENSITIVE APTT	
PROTEIN C	
PROTEIN S	
THROMBIN TIME	
THROMBO-ELASTOGRAPHY	
VWF: ACTIVITY	
VWF: ANTIGEN	

NATIONAL HEALTH LABORATORY SERVICE

ANNEXURE 2

Chemistry volumes

An average of 320 000 tests are analysed in the lab monthly, which is approximately 190 000 samples monthly.

	Test	Monthly average		Test	Monthly average
	Serum			**Serum**	
1	Sodium	15429	**81**	IGF 1	55
2	Potassium	15609	**82**	Insulin	148
3	Chloride	14587	**83**	C peptide	184
4	Bicarbonate	13499	**84**	Prolactin	412
5	Urea	14943	**85**	Macroprolactin	199
6	Creatinine	33787	**86**	Parathyroid	297
7	Glucose	551	**87**	Calcitonin	113
14	Lactate	10	**94**	Ethanol	360
15	Ammonia	38	**95**	Phenytoin	440
17	Calcium	8703	**97**	Carbamazepine	211
18	Magnesium	7195	**98**	Sodium Valproate	1612
19	Phosphate	7212	**99**	Lamotrigine	52
20	Uric acid	1128	**100**	Digoxin	125
21	Total protein	2967	**101**	Theophylline	398
22	Albumin	5156	**102**	Amikacin	195
23	Total bilirubin	4003	**103**	Gentamycin	52
24	Conjugated Bilirubin	3860	**104**	Vancomycin	181
25	Alanine Transaminase	5071	**105**	Cyclosporin	106
26	Aspartate transaminase	4125	**106**	Everolimus	43
27	Alkaline phosphatase	5470	**107**	Sirolimus	74
28	Gamma-glutamyl transferase	4265	**108**	Tacrolimus	132
29	Lactate Dehydrogenase	2616	**109**	Methotrexate	2
31	High sensitive Troponin	1219	**111**	Serum Indices	39860
32	Creatine Kinase	253			
33	Creatine Kinase -MB	253		Urine Analytes	
34	NT ProBNP	1441	**1**	Sodium	85
35	Amylase	375	**2**	Potassium	57
36	Lipase	1229	**3**	Chloride	81
37	Cholinesterase	265	**4**	Urea	37
38	Acetylcholinesterase	869	**5**	Creatinine	600
40	Cholesterol	6908	**7**	Magnesium	8
41	Triglycerides	2896	**8**	Phosphate	17
42	High density Lipoprotein	1784	**9**	Uric Acid	323
43	Measured Low density Lipoprotein	4301	**10**	Protein	462
44	C-Reactive Protein CRP	6746	**11**	Albumin	298
45	Procalcitonin	4911	**12**	Amylase	2
46	alpha 1 antitrypsin	48	**13**	Cortisol	8

47	Caeruloplasmin	77	**14**	Urine drug of abuse	654
48	Haptoglobin	585	**15**	Oxalate	12
49	Immunoglobulin G	156			
50	Immunoglobulin A	192		CSF	
51	Immunoglobulin M	185	**1**	Glucose	260
52	Serum free light chains	280	**2**	Protein	260
53	Iron	1482	**3**	Albumin	15
54	Transferrin	2011	**4**	IgG	48
55	Ferritin	2202			
56	Vitamin B12	2989		Fluid	
57	Folate	2726	**1**	Sodium	16
58	Beta hCG	1211	**2**	Potassium	4
59	Alpha fetoprotein	920	**3**	Chloride	79
60	Prostate Specific Antigen PSA	5731	**4**	Urea	13
61	Carcinoembryonic Antigen CEA	2841	**5**	Creatinine	7
62	Cancer antigen 125 CA125	935	**6**	Glucose	20
63	Cancer Antigen 19-9 CA19-9	1006	**7**	Calcium	11
64	Cancer Antigen 153 CA153	396	**8**	Magnesium	3
65	Thyroid stimulating Hormone TSH	3539	**9**	Phosphate	3
66	Free T4 (fT4)	3850	**10**	Uric acid	2
67	free T3 (fT3)	1615	**11**	Protein	83
68	Thyroglobulin	345	**12**	Albumin	96
69	Antithyroglobulin antibody	130	**13**	Bilirubin	32
70	Adrenocorticotropin hormone ACTH	66	**14**	Lactate Dehydrogenase	65
71	Cortisol	389	**15**	Amylase	88
72	Follicle stimulating hormone FSH	387	**16**	Lipase	39
73	Luteinising Hormone LH	334	**17**	Cholesterol	3
74	Oestradiol	310	**18**	Triglycerides	32
75	Progesterone	313			
76	DHEAS	130		Other Matrix	
77	Testosterone	466	**1**	S Cortisol	4
78	Sex hormone binding globulin	260	**2**	Faecal Occult blood	19
80	Growth Hormone	151	**3**	POCT HBa1C	130

Serology: Virology and Microbiology

Mandatory Test	Volumes Per month
Rubella IgG/IMX	50
Rubella 1gM - Elisa	50
HIV Screen Elisa	1500
Hepatitis A IgM Ab	500
Hepatitis A IgG Ab	50
Hepatitis B Surface Ag	5000
Hepatitis B Surface Ab	500
Hepatitis B Core Total Ab	100
Hepatitis B Core IgM	500
Hepatitis B E Ag	50
Hepatitis B E Ab	20
Hepatitis C Total Ab	700
EBV EBNA	50
EBV IgG	50
EBV IgM	50
HSV I/2 IgM	50
HSV I/2 IgG	50
VZV IgM	20
VZV IgG	20
CMV IGM	100
CMV IGG	100
SYPHYILIS TPAB	7000

HAEMATOLOGY

Haematology test volumes per month

Test	Monthly volumes
Full Blood Count	13882
Hb	5051
DIFF	4086
Reticulocyte	168
Erythrocyte Sedimentation Rate [ESR]	610

Haematology yearly trends

Test	21/22	22/23	YOY (%)
FBCPT	105566	178420	40.8
DIFFT	30809	53419	42.3
HB	57530	60417	4.8
RET auto	1309	2275	42.5
ESR	4080	7744	47.3

COAGULATION

Test Method	Monthly volume
ACTIVATED PARTIAL THROMBOPLASTIN TIME	799
ANTI FACTOR XA ASSAY	68

ANTI-THROMBIN III	310
D-DIMER	590
FACTOR II (F2)	3
FACTOR IX (F9)	14
FACTOR IX (F9) INHIBITOR	10
FACTOR V (F5)	10
FACTOR VII (F7)	6
FACTOR VIII (F8)	39
FACTOR VIII (F8) INHIBITOR	23
FACTOR X (F10)	11
FIBRINOGEN	275
INT NORMALISED RATIO (INR)	2289
LUPUS ANTICOAGULANT	354
LUPUS SENSITIVE APTT	357
PROTEIN C	204
PROTEIN S	204
THROMBIN TIME	258
THROMBO-ELASTOGRAPHY	56
VWF: ACTIVITY	17
VWF: ANTIGEN	17

Coagulation yearly Trends of 4 assays:

Test code	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	YOY% Difference 22/23
aPTT	19 764	19 232	13 836	14 972	15 706	6 591	9 244	+40%
INR	54 216	52 596	45 516	54 679	57 181	18 635	27 688	+48%
D-dimers	11 676	9 648	7 020	5 212	5 688	8 223	7 918	-3.7%
Anti-Xa	3 000	2 980	2 080	1 207	1 315	1 734	859	-50%

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.

5.1 Technical Suitability: Mandatory Requirements.

The NHLS reserves the right to choose more than one supplier for this tender per discipline. ***Bidders who fail to comply with the Mandatory Requirements will be disqualified.***

All departments technical mandatory requirements

	Comply	Do Not Comply
1. The system must be able to handle the current peak test volumes as outlined **(appendix 1)** and accommodate at least a 10% increase per year for the duration of the tender.		
Substantiate: Provide proof by means of a brochure.		

	Comply	Do Not Comply
2. Random access facility on all analysers .		
Substantiate: Provide proof by means of a brochure.		

	Comply	Do Not Comply
3. System must come with compatible upgradeable Middleware that can connect to NHLS LIS and all analysers. In addition, the provision of an adequate number of licenses to support more than 40 Middleware access points.		
Substantiate: Provide proof by means of a brochure, signed commitment letter.		

	Comply	Do Not Comply
4. The system should accommodate all tube sizes on all the instruments Alternatively, the bidder should provide a solution should all tubes not be covered.		
Substantiate: Provide proof by means of a brochure, signed commitment letter.		

	Comply	Do Not Comply
5. The system must be compatible with the site's existing power, safety, water, plumbing, and floor plan. Any changes should be at the supplier's cost.		
Substantiate: Evidence of site assessment and bidder to provide the preliminary footprint of the integrated system using actual measured the floor space of our lab. A signed commitment letter for upgrade or renovation changes cost.		

	Comply	Do Not Comply
6. UPS (Uninterrupted Power Supply) must be supplied and should provide up to 2 hours of backup supply and surge protection. **NOTE:** It must be at the bidder's cost.		
Substantiation: The bidder must submit and attach to the bid response a relevant UPS catalogue/brochure.		

	Comply	Do Not Comply
7. System must be capable of fulfilling 95% of the total testing repertoire as **attached in the tender document**. (Use of third party reagents to fulfil test repertoire is acceptable).		
Substantiation: The bidder must submit and attach to the bid response a relevant/applicable catalogue/brochure.		

8. The automated Track systems connecting the analysers tendered should be able to accommodate a 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.		

9. Prior analysers evaluation by NHLS HTA and/or peer-reviewed publications of the instruments analytical performance evaluation. (Evaluations are at the bidder's cost).	Comply	Do Not Comply
Substantiation: Provide documentation/evidence (HTA certificate/ letter from NHLS evaluating)Provide HTA certificate and /or peer reviewed articles on instrument validation.		

10. Applicable software Must be upgradeable or up scalable at the supplier's cost in the event of new technologies, capabilities, change in the test menu or changes in work volume.	Comply	Do Not Comply
Substantiation: **The supplier must provide details and a signed commitment letter**		

11. Supplier to provide an inventory system compatible with NHLS procurement systems.	Comply	Do Not Comply
Substantiation: Supplier must provide a brochure.		

12. Supplier to provide the ability for planned purchase orders for (reagents, quality control and calibrators) for the duration of the contract and Lot reservations of at least 6 months.	Comply	Do Not Comply
Substantiation: Supplier must provide details and a signed commitment letter.		

13. The supplier should provide temperature control instrumentation to allow for an ideal operating environment for their analysers.	Comply	Do Not Comply
Substantiation: The bidder must submit a commitment letter.		

14. Facility to setup and view patient-based quality control monitoring for analytes (for additional quality control).	Comply	Do Not Comply
Substantiation: The bidder must submit and attach to the bid response a catalogue/brochure.		

15. Provision of an application specialists dedicated to our laboratory and prompt engineer coverage of the lab on call. Response time within 2 hours.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit a commitment letter.		

16. Supply Facility for emergency stock delivery if the laboratory unexpectedly runs out of stock, or if the laboratory has to take on extra work from other labs, including a contingency plan for afterhours or public holidays. **Preferred:** Provision of a minimum emergency stock onsite with online ordering system Note: at the bidder's cost.	**Comply**	**Do Not Comply**
Substantiation: Supplier must provide details and signed commitment letter.		

DISCIPLINE SPECIFIC TECHNICAL MANDATORY SPECIFICATIONS

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

CHEMICAL PATHOLOGY TECHNICAL MANDATORY SPECIFICATIONS

1. Fully automated system with **pre-analytical, analytical, post analytical components, point of care glycated haemoglobin and low throughput analysers for stat lab.** This includes a fully automated track system, online Centrifugation with sorting and aliquotting, Middleware, Analysers for Chemistry, Endocrinology, Immunology, POCT HbA1c, and online refrigerated Storage Facility. A low throughput chemistry analyser for stat lab.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications.		
2. Supply of water purification system with electronic readings, monitoring system, alarm error notification, with a linked UPS and 1000L reservoir with booster pump.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications.		
3. Provision of 3 Point of care Glycated HbA_1c that can be connected to the middleware.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response a relevant instrument catalogue and package insert.		
4. The analysers must have level sensing, clot detection, bubble sensing and and short sample (sample volume) detection.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response a relevant applicable catalogue/brochure or attachments.		
5. Semi quantitative / quantitative automated spectrophotometric detection of the HIL interferences.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response a relevant applicable catalogue/brochure or attachments.		
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 by means of a brochure/catalogue.**		
7. A pre-pre analytical solution prior to pre-analytical module to ensure automated transition from sample registration to instrument loading.	**Comply**	**Do not Comply**
Substantiation: **Provide proof by means of a brochure/catalogue of solution to interface current LIS to the pre-analytical module.**		
8. System must be capable of fulfilling peak workflow volumes to meet turnaround time as per laboratory TAT SOP. Chemical pathology-1000 test per hour.	**Comply**	**Not Comply**
Substantiation: The bidder must submit and attach to the bid response a relevant applicable catalogue/brochure or attachments.		

SEROLOGY TECHNICAL MANDATORY SPECIFICATIONS

1. Fully automated system with **pre-analytical, analytical, post analytical components;** and with a ffully automated system with a pre-analytical module that has capacity to centrifuge, aliquot. sort; automated serology analyser and online refrigeration – At least 2 Immunoassay analysers connected to the pre-analytic systems and link to LIS. Pre-analytics system if fully controlled by restricted user access for all Departments.	**Comply**	**Do Not Comply**
Substantiate: Provide proof by means of a brochure		
2. Supply of water purification system with electronic readings, monitoring system, alarm error notification, with a linked UPS and 1000L reservoir with booster pump.	**Comply**	**Do Not Comply**
Substantiate: Provide proof by means of a brochure.		
3. Sorting of reflex testing for HIV rapid and HIV confirmatory.	**Comply**	**Do Not Comply**
Substantiate: Provide proof by means of a brochure		
4. Full interface of sample rejections on the LIS system to the pre-analytics middleware.	**Comply**	**Do Not Comply**

HAEMATOLOGY AND COAGULATION TECHNICAL MANDATORY SPECIFICATIONS

1. The system must include a 6 part diff count (including neutrophils, monocytes, lymphocytes, eosinophils, basophils and immature granulocytes (or similar).	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications.		
2. NRBC'S must be directly measured. Original WCC and corrected WCC parameters must be interfaced with LIS.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response, proof by means of brochure/specifications.		
3. Platelet Counting using 2 different technologies must be provided.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response a relevant applicable catalogue/brochure or attachments.		
4. Coagulation analysers must offer all 3 analytical methods: clot detection, immuno- turbidimetric and chromogenic.	**Comply**	**Do Not Comply**

Substantiation: The bidder must submit and attach to the bid response a relevant applicable catalogue/brochure or attachments.		
5. The specimen requirement for ESR testing must be an EDTA tube.	**Comply**	**Do Not Comply**
Substantiation: The bidder must submit and attach to the bid response a relevant applicable catalogue/brochure or attachments.		

6 Technical Functionality

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

6.2 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.

Weighting of requirements: The full scope of requirements will be determined by the following weights:

CHEMISTRY AND ENDOCRINE FUNCTIONALITY REQUIREMENTS

FUNCTIONAL EVALUATION CRITERIA

Section	**SPECIFICATIONS**	**Weighting**
A	Methods and Test Repertoire	**12%**
B	Service and Maintenance	**15%**
C	QC and Calibrators	**14%**
D	Reagents and Stock control	**19%**
E	Sample management	**6%**
E	IT/Data Recovery/Middleware	**14%**
F	Track (Sample Management, Centrifugation, Sample storage)	**20%**
TOTAL		**100**

The bidder must achieve a score of 80% to be eligible to proceed to the next stage of the evaluation.

FUNCTIONALITY REQUIREMENTS FOR GENERAL CHEMISTRY AND ENDOCRINE ANALYSERS

Weighting		**Specification**	**Score**
12%	**Section A**	**Methods and Test Repertoire**	
2%		Indicate additional tests that are offered for the chemistry and immunochemistry analysers.	**Score 2**: Fulfils >80% of additional test in appendix. Score 1: Fulfils> 50% of additional test.

		(also provide Details of test that are under developments for the chemistry and immunochemistry analysers).	**Score 0** Fulfils<50% of additional test.
2%		Indicate which tests can be accommodated as user-defined methods (third party) to fulfil the test repertoire (provide evidence of acceptable performance in an NHLS or any other lab.	**Score 2**: Can accommodate third party reagents (open system) for both chemistry and immunochemistry analyser. **Score 1:** Can only accommodate third party on either the chemistry or the immunochemistry analysers **Score 0:** Do ability to use third party reagent (closed system).
1%		Indicate the methodology employed per test per analyser, e.g. MEIA for TSH on the immunoassay platform.	**Score 1:** Methodology of test repertoire provided. **Score 0**: No methodology provided.
1%		Include Cardiac Troponin T or I testing (indicate the 99% cut-off value) with references.	**Score 1:** Reference for Hs Troponin and Reference for the 99th percentile study. **Score 0**:No information provided.
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 slow moving test. **Score 0**: No variable reagent pack sizes.
2%		State whether Reference Interval studies were performed by the supplier for which analytes and whether any studies were performed on South Africans (provide evidence).	**Score 2:** RI in South African population provided for some analytes/or evidence of local transference studies. **Score 1:** RI studies provided based of international studies. **Score 0**: No RI provided.
1%		Provide evidence of traceability for standardised assays.	**Score 1:** Evidence of traceability for standardised assays. **Score 0:** No evidence of traceability of standardised assays.

2%		Provide validation study data for each test on both Chemistry and Endocrine platform types.	**Score 2:** Precision, interference, method comparison studies data provided. **Score 1:** Any two of Precision, interference, method comparison studies data provided. **Score 0:** Any one Precision, interference, method comparison studies data provided or No validation data provided.
15%	**Section B**	**Service and Maintenance**	
3%		Describe the daily maintenance procedures, and clean up procedure. Indicate time taken for both chemistry and immunochemistry Ideal for both chemistry and immunochemistry < 30 minutes.	**Score 3:** If daily is <30 min, self-prompted and automated. **Score 2:** If daily is <30 min and manually prompted. **Score 1:** Daily maintenance > 30 minutes and self-prompted/automated. **Score 0:** Maintenance >30 minutes and manually prompted.
5%		Describe the weekly and monthly maintenance procedures, and state if it meets the ideal intervention time. Ideal time weekly: < 1 hour. Month < 3 hours.	**Score 5**: If, weekly <60 min and monthly <3hr. **Score 2,5**: Either weekly or monthly do not meet ideal time frames. **Score 0**: Both maintenance schedules are out of desired ideal time.
3%		System for remote proactive monitoring of technical parameters to detect deteriorating chemistry and endocrine analysers components and performance to ensure proactive interventions before breakdown occurs. This functionality should be additional to the annual predicted and scheduled preventative maintenance.	**Score 3**: If Proactive remote instrument performance monitoring available. **Score 0** If no remote monitoring.
2%		Remote monitoring of the water system and availability of proactive interventions to maintain water quality.	**Score 2** Remote water quality monitoring. **Score 0**: No remote water monitoring capability.

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:** No capability to monitor if adequate daily instrument interventions have been done. **Score 0:** No capability to monitor if daily interventions are inadequate.
14%	**Section C**	**QC and Calibrators**	
2%		Facility to scan a barcode or transfer Calibrator data electronically from an external source directly onto both Chemistry, and Endocrine analysers.	**Score 2**: Barcode Scan and electronic transfer. **Score 1**: Either of platform types require manual entry. **Score 0**: If not provided.
2%		Calibration error detection and flagging, and blocking of subsequent QC and patient testing.	**Score 2:** Available. **Score 0**: No calibration error detection and blocking of further analysis.
2%		Ability to download Calibrator and QC details without interrupting/ stop the analysers.	**Score 2:** No interruption of instrument whilst downloading samples. **Score 0**: Instrument stoppage required to download Calibrator or Qc values
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.

2%		Peer group data: Access to third-party and supplier IQC peer group database/management programme. 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.	**Score 2**: If QC peer group data base 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 programme not available for recommended 3rd party IQC material.
2%		Ability to use Sigma metric in quality control management.	**Score 2:** Six sigma capability available. **Score 0:** Capability not available.
19%	**Section D**	**Reagents & Stock Control**	
2%		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 2**: Availability of instrument stock management. **Score 0**: Electronic System not available.
2%		Predictive stock monitoring systems, with real time alert of utilisation changes (increase/decrease) on the instrument or inventory system.	**Score 2**: Availability of real time monitoring of utilisation and predictive stock monitoring. **Score 0:** No real time utilisation monitoring and predictive stock monitoring.
1%		Automated solution to track discarded consumables (reagent packs, calibrators and qc bottles) to aid in inventory management.	**Score 1:** Automated solution of monitoring discarded consumables. **Score 2:** No automated solution.
1%		On board reagent stability monitoring with countdown alerts to on board expiry.	**Score 1**: On board stability reagent monitoring. **Score 0**: No on board reagent stability monitoring.
3%		The inventory system capacity to capture stock within 30 minutes and not requiring indivualised scanning of consumable packs by using advanced technology like RFID.	**Score 3**: RFID System not requiring individualised pack scanning. **Score 1**: System requiring individualised scanning of consumables. **Score 0**: Not available.

1%		Capability to notify lab about Reagent Lot change at least > 1month to ensure adequate time for lot to lot verification.	**Score 1**: Reagent Lot change notification at least >1month prior. **Score 0**: No reagent Lot change notification available.
2%		Ability to load two different lots of the same reagents simultaneously for the lot to lot comparison purposes.	**Score 2:** Ability to load more than one lot number of reagent on instrument. **Score 0:** Not available.
2%		>10 spare channels available to accommodate future user-defined reagents (UDR) on both the analysers collectively.	**Score 2:** > 10 channels available for user defined methods. **Score1:** 5-10 channels available for user defined methods. **Score 0:** < 5 channels available for user defined methods.
2%		Provision of reagent and calibrator performance monitoring and updates timeously and recall of malfunctioning reagent. (provide evidence of previous recalls ,performance notifications of reagent and calibrators provided to end users).	**Score 2:** Evidence of prompt communication of reagent and calibrator Lot performance and recall of Lot. **Score 0:** No notifications of performance and recalls provided.
2%		Provision of Ready-for-Loading Reagents for all tests on the Chem-Endo test repertoire (see the full list of tests).	**Score 2**: Ready-for-use reagents both Chem and Endo platforms.> 95% of the mandatory test. **Score 1**: Greater than 5% analytes require reagent mixing/ special reagent preparation. **Score 0**: Not available.
1%		Allows continuous loading of reagents without the downtime of the instrument. Loading of reagents without interruption of sample processing required.	**Score 1**: If available. **Score 0**: No continuous loading on all modules.
6 %	**Section E**	**Instrument Sample management**	
2%		Indicate the ability to handle (aspirate and analyser) hypervisicous sample or detail available solution for such samples.	**Score 2**: Both Chemistry and Immunochemistry analysers capable of handling hypervisicous samples.

			Score 1: Either of the analysers capable of handling hypervisicous samples. **Score 0**: Neither of the analysers capable of handling hypervisicous sample.
2%		Indicate the dead volume. Ideal Dead volume of samples < 100 uL for both Chemistry and Endocrine analysers.	**Score 2**: Dead volume < 100ul for both analysers. **Score 1**: One of the analysers does not met required time frame. **Score 0**: Dead Volume > 100ul for both analysers.
1%		Sample tracking on the analyser and alarm on outstanding test in real time.	**Score 1**: Ability to track the sample analysis on the instrument with real time analyser flag on outstanding test. **Score 0**: Sample tracking on analyser not 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.
14 %	**Section F**	**IT/DATA RECOVERY/Middleware**	
3%		**Data Recovery**	
2%		The provision of a facility/program to view electronically transferred patient and QC archival raw data from all platforms in a CSV format.	**Score 2**: If CSV format available. **Score 0**: If CSV format not available.
1%		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.	**Score 1**: If audit trail functionality available. **Score 0**: If no audit trail functionality.
11 %		**Middleware**	
2%		Instruments/Middleware must have a facility for checking/reviewing results before releasing to LIS.	**Score 2**: If available. **Score 0**: If not available.

2%		Ability to set up user-defined rules on the analysers and Middleware for IQC reruns/repeats, dilutions, blocking results, reflex testing etc.	**Score 2**: If available. **Score 0**:If not available
1%		Supplier-maintained 24-hourly remote middleware backup facility in the event of a server crash.	**Score 1**: 24hr backup facility available. **Score 0**:24hr backup facility not available.
1%		Capability to transmit results to a third-party QC management software (Technopath IAMQC Expert, Biorad Unity Realtime etc.).	**Score 1**: Capability available. **Score 0**:Capability not available.
3%		User-defined reports and dash board for test count, QC's, calibrations, patient tests, turnaround time, efficiencies and key performance indicator monitoring.	**Score 3**: All reports and Realtime dash board available. **Score 1**: Only user-defined KPI monitoring available. **Score 0**: Not available.
2%		Middleware ability to calculate UOM (measurement of uncertainty) and six sigma metrics.	**Score 2:** Both UOM and 6 sigma capability. **Score 1:** One of the functionality is available. **Score 0:** None is available.
20%	**Section G**	**TRACK**	
12%		**F (a) Sample Management**	
1%		Sample splitter, aliquoting and sorter and specified rack allocation for batched test, send away and other departments.	**Score 1**: Pre-analytical module capacity to handle samples as required. **Score 0**: Capacity only limited to samples to be analysed on the connected analyser.
2%		TRAK system capable of routing samples to ensure quickest time to test based on the current analyser availability.	**Score 2:** Real time best route for quickest time to result. **Score 0 :** Pre-set sample routing.
2%		Provision of: Decapper with recapper / re-sealer facility or Direct tube puncture/cap piercer.	**Score 2**: If both options are available. **Score 1**: If either option is available. **Score 0**: If no recapping or resealing, or direct tube puncture is available.
2%		Automatic reintroduction of resealed / recapped samples from the Storage Unit onto the Track with no manual intervention for repeat testing, reflex	**Score 2**: If no manual steps are required.

		testing, automated dilutions / decapping / unsealing processes. (Provide details of this process). Ability to manually retrieve samples from the storage unit if needed should still be available.	**Score 0**: For any other response.
1%		Availability of temporary waiting space/ garage for stable analytes and seamless rerouting to analyser.	**Score 1**: Availability of temporary online waiting space. **Score 0**: Requirement not met
1%		The capability to manually access the temporary waiting space in case of system failure.	**Score 1**: Temporary online waiting space can be assessed manually. **Score 0**: Requirement not met.
1 %		Ability to track, monitor and regulate unprocessed samples transit and circulation time on the Track (From entry to storage).	**Score 1**: If system can perform all requirements. **Score 0**: No Tracking capabilities.
2%		Quantitative Spectrophotometric detection of common interferences - Haemolysis, Lipaemia and Icterus available in the preanalytical modules.	**Score 2**: Quantitative HIL pre-analytical module. **Score 0**: HIL detection in analytical module.
2%		**F(b) In-Line Centrifugation**	
2 %		Indicate whether the centrifugation speed and duration of spin can be adjusted to accommodate the requirements for 3rd party Chemistry samples that will be placed on the Track. **Indicate the number of in-line Centrifuges (as well as the max sample capacity per centrifuge you would recommend in order to accommodate this lab's full test repertoire.)**	**Score 2**: If Centrifuge speed and duration can be adjusted and capacity adequate for our volumes. **Score 1**: If Centrifuge speed and duration can be adjusted and no capacity details provided. **Score 0**: If speed and duration fixed.
6 %		**F (c) Sample Storage Unit / Module / Stockyard**	
3%		An online refrigerated storage facility is required. Facility to store minimum 7 days' total work volume for Chemistry (see volume print outs) in 1 or more storage units/ modules and Endocrine for 14 days. (Provide details of the number of samples that can be stored per unit as well as the foot-print per module).	**Score 3**: Refrigerator space can fulfil laboratory needs for Chemistry and Endocrine samples for stipulated time frames. **Score 2**: If refrigerator capacity can meet either Chemistry or Endocrine requirements. **Score 0**: If a storage facility is not available.

1%		Sample discarding solution that ensures minimal manual intervention that enables lab to adhere to the safety regulations.	**Score 1:** Minimal manual discarding maintaining high safety standards. **Score 0:** Extensively manual process , with inherent safety risk.
2%		Facility to automatically set different storage times for specific tests and some signalling system that flags / alerts user that specific samples have passed their storage stability / programmed storage time. Refrigerator with capacity for different storage temperatures that accommodate manufacturer storage temperatures.	**Score 2**: If all functions are available. **Score 1**: If 1 function is not available. **Score 0**: If neither function is available.
TOTAL=100%			**Total**

Bidder must substantiate reference of the above for their evidence.

SEROLOGY (VIROLOGY AND MICROBIOLOGY): FUNCTIONALITY REQUIREMENTS

A threshold of 80% needs to be achieved to be considered for further evaluation.

FUNCTIONALITY REQUIREMENTS FOR MEDICAL VIROLOGY AND SEROLOGICAL ANALYSERS

1. FUNCTIONAL EVALUATION CRITERIA

Section	SPECIFICATIONS	Weighting
A	Methods and Test Repertoire	**10%**
B	Service and Maintenance	**20%**
C	QC and Calibrators	**14%**
D	Reagents and Stock control	**15%**
E	IT/Data Recovery/Middleware	**12%**
F	Track (Sample Management, Centrifugation, Sample storage)	**29%**
		100

Weighting		Specification	Score
10%	**Section A**	**Methods and Test Repertoire**	
0%		Provision of a list (Tabulate) detailing the International Standards to which each test method is traceable and provide validation	No Score - for information only

		study data for each test on Viral Serology platforms.	
10%		Provide a Table indicating columns for: **1**. Detailing full test menu per analyser and state 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 **4**. State the on board stability period of reagents per full test repertoire. **5**. Indicate whether platforms have sufficient reagent capacity to accommodate lab's full test repertoire and volume, and standby reagents. **6**. State the reagent pack sizes that will accommodate the slow moving tests indicated in test repertoire and volume list. **7**. State whether Reference Interval studies were performed by the supplier for which analytes and whether any studies were performed on South Africans (provide evidence).	**Score 10:** For full information. **Score 1:** Incrementally, for each specification covered. **Score 0:** If incomplete / evidence not provided. Specifically score +1 for variable reagent pack sizes. Specifically score +1 for standby reagent.
20%	**Section B**	**Service and Maintenance**	
5%		Describe the daily, weekly, monthly maintenance procedure including time taken.	**Score 5:** If daily 30 min, weekly 60min and monthly 3hr. **Score 0:** If do not meet any of the above.
5%		Preventative maintenance – annual or semi-annual.	**Score 5:** If meet one. **Score 0**: If do not meet any of the above.
10%		System for remote proactive monitoring of technical parameters to detect deteriorating machine components and perform intervention, before breakdown occurs that disrupts operations. This should be in addition to the annual calendarized scheduled preventative maintenance.	**Score 10:** Yes. **Score 0:** No.
14%	**Section C**	**QC and Calibrators**	

2%		Facility to scan a barcode or transfer Calibrator data electronically from an external source directly onto Serology platform types.	**Score 2:** If no manual entry of Calibration data required for any platform type. **Score 1:** If > 1 platform types require manual entry. **Score 0:** If not provided.
2%		Calibration error detection and flagging, must block subsequent QC and patient testing.	**Score 2:** If available. **Score 0:** If not available.
2%		Automatic lot number upload onto the Serology platform.	**Score 2:** Automatic lot number upload. **Score 0:** Not available.
3%		**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 Serology platforms using direct scanning of a coded insert / electronic download from an external source. **B.** Facility to be transferred to Middleware directly from Serology 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 3:** If direct scanning / transfer of QC data available for each platform type. **Score 0:** If manual lot number entry of QC data available for each platform type. **<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 analyser to middleware for each platform type. **Score 0:** If unable.
3%		Peer group data: Access to 3rd party and supplier IQC peer group database/management programme. The provision of 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.	**Score 3:** If QC peer group data base is available in real time and documented evidence of a lab using the named programme is available. **Score 2:** Programme available and evidence provided but not real time. **Score 0:** If programme not available for recommended 3rd party IQC material.

2%		Downloadable and printable IQC report (LJ chart) – complete with Instrument details, analyte, CV%. Allow for manual adjusted accumulative data.	**Score 2:** If available. **Score 0:** If not available.
15%	**Section D**	**D. Reagents & Stock Control**	
5%		Provision of an electronic Reagent and Consumable stock monitoring system on instrument Supply all the details, i.e. level sensor of volume of tests remaining and alert the operator via alarm.	**Score 5:** Electronic System available. **Score 0:** Electronic System not available.
3%		Inventory Management system to support/assist the laboratory stock handling including timeous backorder reports on delivery, stock-outs, short deliveries.	**Score 3:** Available. **Score 0:** Not available.
2%		Automatic lot number upload onto the Serology platform.	**Score 2:** Automatic lot number upload. **Score 0:** Not available.
3%		Provision of Ready-for-Loading Reagents for all tests on the Serology test repertoire (see full list of tests). Indicate which tests require prior mixing before loading. Loading of reagents without interruption of sample processing required. Should have capability to load two different lots of the same reagents at the same time for lot to lot comparison purposes. Specify spare channels available to accommodate future user defined reagents (UDR).	**Score 3:** Ready-for-use reagents without work flow interruption on platforms. **Score 1**: Ability to load 2 lots of the same reagent at the same time. **Score 0:** Not available.
2%		Allows continuous loading of reagents without down-time of the instrument.	**Score 2:** If available. **Score 0:** If unavailable.
12%	**Section E**	**Section E. IT/DATA RECOVERY/Middleware**	

2%		Data Recovery: The provision of a facility/program to view electronically transferred patient and QC archival raw data from all platforms in a CSV format.	**Score 2:** If CSV format available. **Score 0:** If not available.
1%		Audit Trail: Ability to show operators name/code for all events including configuration of calibrator, controls, reagents and be able to retain this information.	**Score 1:** Available. **Score 0:** Not available.
1%		5-year IQC and calibrator data recovery	**Score 1:** Available. **Score 0:** Not available.
8%		**Middleware**	
1%		Instruments/Middleware must have a facility for checking/reviewing of results before releasing to LIS.	**Score 1:** Available. **Score 0:** Not available.
2%		Ability to setup user defined rules on the analysers and middleware for IQC reruns/repeats, dilutions, blocking results, reflex testing etc.	**Score 2:** Available. **Score 0:**Not available.
1%		Supplier-maintained 24-hourly remote middleware backup facility in event of server crash.	**Score 1:** Available. **Score 0:** Not available.
1%		Capability to monitor results of a third party QC onto their software.	**Score 1:** Available. **Score 0:** Not available.
2%		User-defined reports for test count, QC's, calibrations, patient tests, turnaround time, efficiencies.	**Score 2**: Available. **Score 0:** Not available.
1%		User control access specific for Chem, Haem and Virology.	**Score 1:** Available. **Score 0:** Not available.
29%	**Section F**	**Section F. TRACK**	
20%		**F (a) Sample Management**	
2%		Sample splitter and sorter e.g. sample type, analyser and batch for local &/or send away.	**Score 2:** Both options available. **Score 0:** Not available.
2%		With regard to transport of samples on the track: Double lane system or any other design that will accommodate 3rd party Serology analysers on a branch off the Main Track.	**Score 2:** If dual lane system / designed branch available. **Score 0:** Not adaptable.
2%		Provision of: Decapper with recapper / re-sealer facility or Direct tube puncture/cap piercer.	**Score 2:** If either option is available.

			Score 0: If no recapping or resealing or direct tube puncture is available.
2%		Ability to retrieve samples when the system is down.	**Score 2:** If available. **Score 0:** If not available.
3%		Automatic reintroduction of resealed / recapped samples from the Storage Unit onto the track with no manual intervention for repeat testing, reflex testing, automated dilutions / decapping / unsealing processes. (Provide details of this process). Ability to manually retrieved samples from the storage unit using if needed.	**Score 3:** If no manual steps are required. **Score 0:** For any other response.
3%		Throughput: The track should be able to process 300-500 samples per hour on the general analyser.	**Score 3:** Requirement is met. **Score 0:** Requirement not met.
3%		Ability to track, monitor and regulate unprocessed samples transit and circulation time on the Track (From entry to storage).	**Score 3:** If facility to regulate available. **Score 0:** Not available.
3%		Paediatric and low volume (including dead volume) must be specified upfront. Must have a solution to handle these samples	**Score 3:** If available. **Score 0:** If not available.
3%		**F(b) In-Line Centrifugation**	
3%		Indicate the number of in-line Centrifuges (as well as the max sample capacity per centrifuge you would recommend in order to accommodate this lab's full test repertoire. Indicate whether the centrifugation speed and duration of spin can be adjusted to accommodate the requirements for 3rd party Virology samples that will be placed on the track. Calibration of centrifuge units during service and supporting reports.	**Score 2:** If Centrifuge speed and duration can be adjusted. **Score 1:** If centrifuge is calibrated as part of PM. **Score 0:** If speed and duration fixed.
6%		**F (c) Sample Storage Unit / Module / Stockyard**	
6%		Facility to automatically set different storage times for specific tests and some signalling system that flags / alerts user that specific samples have passed their	**Score 4:** If all functions are available. **Score 2:** If 1 function is not available.

		storage stability / programmed storage time.	**Score 0**: If neither function is available.
TOTAL=100%			**Total**

Bidder must substantiate reference of the above for their evidence

FUNCTIONALITY REQUIREMENTS FOR HAEMATOLOGY AND COAGULATION

A threshold of 80% needs to be achieved to be considered for further evaluation.

Section	SPECIFICATIONS	Weighting
A	Methods and Test Repertoire	**9%**
B	Sample Management	**11%**
C	Service and Maintenance	**29%**
D	QC and calibrators	**13%**
E	Reagents Consumables	**18%**
F	IT	**7%**
G	TRACK	**13%**
		100%

Weighting		Specification	Score
9 %	**Section A**	**Methods and Test Repertoire**	
0%		Provision of a list (Tabulate) detailing the International Standards to which each test method is traceable and provide validation study data for each test.	**No score**
1%		The provision of a full list (Tabulate) of the technologies used by the analysers for each Haematology test (see supplied test list). State ESR test method: modified/Westergren/alternate method.	**Score 1:** Modified/Westergren ESR method. **Score 0:** Alternate ESR method.
6%		The provision of a full list (Tabulate) of the **Full test menu** (including additional test parameters) and on board stability period of primary reagents per full test repertoire.	**Score 6:** Per additional tests available. **Score 0:** Not available.
2%		State the on board stability period of reagents per full test repertoire.	**Score 2**: If ESR stable ≥ 12 hours at room temperature. **Score 0**: If ESR stable ≤ 12 hours at room temperature.

11%	Section B	Sample Management	
2%		Facility to run Haematology/Coagulation and ESR analyser continuously without operator presence.	**Score 1**: If available per haematology /coagulation and **Score 1**: If available per ESR analyser. **Score 0**: Not available.
1%		A minimum sample volume for platelet aggregometry of 30 mL whole blood or less.	**Score 1:** If ≤ 30 mL whole blood. **Score 0:** Not available.
1%		Coagulation test sampling via cap-piercing	**Score 1:** If available. **Score 0:** Not available.
2%		Facility to accommodate paediatric micro-samples on Haematology/Coagulation analysers without manual intervention.	**Score 2:** If auto sampler mode available. **Score 0:** If requires manual intervention.
1%		Availability for batch modes.	**Score 1:** If available. **Score 0:** Not available.
2%		Facility to add urgent/stat samples onto a haematology/coagulation analyser that is connected to a track system. Provide information how these will be prioritised.	**Score 2:** If the analyser can be maintained on the track system during stat sample analysis. **Score 0:** Not available.
2%		Availability of alerts for level sensing, clot detection, bubble sensing and insufficient samples and error warnings which are both audible and visual on the Haematology/Coagulation analysers.	**Score 2:** If audible and visual alert available. **Score 1:** If either alert (visual /audible) available. **Score 0:** Each if not available.
29%	**Section C**	**Service and Maintenance**	
5%		Daily maintenance procedure on Haematology/Coagulation and ESR analyser (excluding running of IQC) to take <10 minutes.	**Score 5**: 2.5 per haematology and ESR analyser (5% in total) if <10 minutes (excluding running of controls). **Score 0**: If >10 minutes on the analysers.
5%		Weekly maintenance procedure on Haematology/Coagulation and ESR analyser to take <10 minutes.	**Score 5**: 2.5 per haematology and ESR analyser (5% in total) if <10 minutes. **Score 0**: If >10 minutes on the analysers.
5%		Monthly maintenance procedure on Haematology/Coagulation and ESR analyser to take <10 minutes.	**Score 5**: 2.5 per haematology and ESR analyser (5% in total) if <10 minutes. **Score 0**: If >10 minutes on the analysers.

4%		Technical support for breakdowns or repairs available at night, weekends and public holidays within 3 hours for arrival on site.	**Score 4**: If < 1 hour response time on site. **Score 0**: If > 3 hour response time on site.
5%		Provision of dedicated Instrument engineers with ≥ 2 years' experience for the Haematology/Coagulation, ESR analysers and slidemaker and platelet aggregometer.	**Score 1**: If ≥ 2 years' experience for Haematology/Coagulation analyser. **Score 1**: If ≥ 2 years' experience for ESR analyser. **Score 2**: If ≥ 2 years' experience for slidemaker/stainer. **Score 1**: If ≥ 2 years' experience for platelet aggregometer. **Score 0**: If < 2 years' experience.
5%		Provision of dedicated application specialists in Gauteng with ≥ 2 years' experience for the Haematology/Coagulation, ESR analysers, slidemaker and platelet aggregometer.	**Score 1**: If ≥ 2 years' experience for Haematology/Coagulation analyser. **Score 1**: If ≥ 2 years' experience for ESR analyser. **Score 2**: If ≥ 2 years' experience for slidemaker/stainer. **Score 1**: If ≥ 2 years' experience for platelet aggregometer. **Score 0**: If no local application specialist available in Gauteng with more than 2 years' experience.
13%	**Section D**	**QC and calibrators**	
1%		Supply and support for IQC with bar coding facility.	**Score 1**: If barcode available for all platforms. **Score 0**: If not available**.**
1%		Facility to automatically transfer QC results and method of transfer (directly to LIS or indirectly from middleware to LIS)**.**	**Score 1**: If available. **Score 0**: If not available.
4%		Provision of an in-house or external Peer group IQC programme for Haematology/Coagulation and ESR analysers.	**Score 4**: If available for Haematology/ Coagulation tests and if available for ESR. **Score 2**: If available for either Haematology /Coagulation test or ESR. **Score 0**: If not available.
2%		Availability of on board IQC programs which shows SD, CV, mean results and LJ Plots with Westgard rules.	**Score 2**: If available. **Score 0**: If not available.

2%		Availability of on board IQC programs which show additional analysers and QC lots simultaneously on a LJ Plot for comparison.	**Score 2**: If not available. **Score 0**: If not available.
2%		Facility to store on-board IQC data for > 6 IQC lots and to be extractable in an Excel format.	**Score 2**: ≥ 6 lots can be stored and extracted in excel. **Score 1**: If <6 lots can be stored score and extracted in excel. **Score 0**: can't be extracted in Excel.
1%		Facility to reserve reagent and IQC lots for up to 6 months**.**	**Score 1**: If available. **Score 0**: If not available**.**
18%	**Section E.**	**Reagents Consumables**	
8%		Facility for electronic reagent and consumable stock monitoring system for Haematology/Coagulation analysers. (Provide details) i.e. level sensor of the volume of tests remaining and alert the operator via an alarm on low volume test.	**Score 8**: System available. **Score 0**: System not available.
2%		Is there a level detection able to calculate if there are any shortfalls in either reagents or consumables to complete a batch of work and alert the operator immediately? Is there also a countdown system for each reagent and consumable.	**Score 1**: If available for ESR analyser. **Score 1**: If available for Haematology/Coagulation analysers. **Score 0**: System not available.
2%		If a 3rd party assay option is supplied for any specific test e.g. von Willebrand's factor activity then it must have been evaluated within the NHLS and deemed fit for purpose or a peer-reviewed publication.	**Score 2:** If comply. **Score 0:** If not comply.
1%		State the time interval for delivery of reagents and consumables.	**Score 1**: If ≤6 weeks. **Score 0**: If >6 weeks.
1%		Minimum shelf life of products provided should be > 6 months.	**Score 1**: ≥ 6 months. **Score 0**: If <6 months.
1%		Provide additional standard reagent orders within 3 working days.	**Score 1**: ≤ 3 working days. **Score 0**: If >3 working days.
1%		Delivery of urgent reagent orders within 1 day.	**Score 1**: ≤ 1 working days. **Score 0**: If >1 day.
1%		Support for ad hoc deliveries of extra reagents due to changing workload patterns.	**Score 1**: Yes, if support.

			Score 0: Not support.
1%		The provision of new stock if reagents and consumables are subjected to manufacturing or supply problems.	**Score 1**: If <1 day. **Score 0**: ≥ 1 day.
13%	**Section F**	**IT**	
2%		Ability to set up user-defined rules on the analysers and Middleware for IQC.	**Score 2**: If available. **Score 0**:If not available.
4%		Haematology/Coagulation analysers should be able to run off line if the LIS system is unavailable and the batch transmission of results must be available when LIS system is working again.	**Score 2**: If available for ESR. **Score 2**: If available, for Haematology. **Score 0**: No each
1%		The provision of a fully recoverable back up system for the storage of analyser software as well as testing profiles and result data.	**score 1**: If available. **score 0**: If not available.
3%		Capacity of the data manager to store patient records to a minimum of 10,000 or 3 months whichever is greater for haematology analysers and a minimum of 5000 for ESR analysers and a minimum of 10 Platelet aggregometry analyses.	**Score 1**: If available for ESR. **Score 1**: If available for Haematology. **Score 1**: If available for Platelet aggregometer. **score 0**: Not available.
1%		Facility/program to view electronically transferred patient archival raw data from all platforms in an excel format	**Score 1**: If excel format available. **Score 0**: If not available.
2%		Instruments/Middleware must have a facility for checking/reviewing results before releasing to LIS.	**Score 2:** If available. **Score 0:** If not available.
7%	**Section G**	**TRACK**	
2%		State whether the track can accommodate 3rd party analysers.	**Score 2**: Yes. **Score 0**: No.
5%		Supply of a track to accommodate haematology analysers, slide makers and stainers, tube sorter, refrigerated storage facility for archiving for the laboratory footprint.	**Score 5:** If they all can be accommodated on a haematology track system: **Score 1**: For slidemakers/stainers; **Score 1**: For tube sorter; **Score 1** For archiving; **Score 1**: For haematology analysers;

			Score 1: For ESR analysers. **Score 0**: No on each.
Total score =100%			**Total**

Bidder must substantiate reference of the above for their evidence.

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: **RFB007/23/24** **Closing** Time 11:00 am Closing date: **08 September 2023**

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.**

***Delete if not applicable.**

PRICE DECLARATION FORM

Dear Madam /Sir,

Having read through and examined the Tender Document, **RFB NO: 007/23/24,** General Conditions, the requirement and all other Annexures to the Tender Document, we offer to provide **Placement of a Total Automated pre-analytical, analytical, post analytical analysers for Chemistry, Endocrine, Serology, Haematology, ESR, Coagulation, and POCT HBA1c (Point of Care) at the Charlotte Maxeke Johannesburg Academic Hospital Laboratory for a period of five (5) years including service and maintenance** 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 **RFB007/23/24 Placement of a Total Automated pre-analytical, analytical, post analytical analysers for Chemistry, Endocrine, Serology, Haematology, ESR, Coagulation, and POCT HBA1c (Point of Care) at the Charlotte Maxeke Johannesburg Academic Hospital Laboratory for a period of five (5) years including service and maintenance** but not limited to the supply of all required, for the **Placement of a Total Automated pre-analytical, analytical, post analytical analysers for Chemistry, Endocrine, Serology, Haematology, ESR, Coagulation, and POCT HBA1c (Point of Care) at the Charlotte Maxeke Johannesburg Academic Hospital Laboratory for a period of five (5) years including service and maintenance.** 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 EXCLUDING, 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.

Consolidated Costing Table: Charlotte Maxeke Academic Hospital (Chem Path: endocrine, General Chemistry and POCT HbA1c), (Haem: haematology and Coagulation) and (Serology: Microbiology and Virology)

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	3	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**
Calibration		R	R	R	R	R	R	R	R	R	R	**R**
Service and Maintenance Costs		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**
												GRAND TOTAL BID PRICE

1. **Costing Table 1: for Charlotte Maxeke Academic Hospital (Chem Path: endocrine, General Chemistry and POCT HbA1c)**

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	1	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**
Calibration		R	R	R	R	R	R	R	R	R	R	**R**
Service and Maintenance Costs		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**
												GRAND TOTAL BID PRICE

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

Item	Cost per Test	Monthly Cost (Rand)
Kit/Reagents		
Test Consumables		
Controls		
Calibration		

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

2. Costing Table 2: for Charlotte Maxeke Academic Hospital (Haem: haematology and Coagulation)

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	1	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**
Calibration		R	R	R	R	R	R	R	R	R	R	**R**
Service and Maintenance Costs		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**
												GRAND TOTAL BID PRICE

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

Item	Cost per Test	Monthly Cost (Rand)
Kit/Reagents		
Test Consumables		
Controls		
Calibration		

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

Costing Table 3: for Charlotte Maxeke Academic Hospital (Serology: Microbiology and Virology)

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	1	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**
Calibration		R	R	R	R	R	R	R	R	R	R	**R**
Service and Maintenance Costs		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**
												GRAND TOTAL BID PRICE

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

Item	Cost per Test	Monthly Cost (Rand)
Kit/Reagents		
Test Consumables		
Controls		
Calibration		

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

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.

3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive

[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.

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

NATIONAL HEALTH LABORATORY SERVICE

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

1.2 To be completed by the organ of state

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

a) Either the 90/10 or 80/20 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.

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

a) Price; and

b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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

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

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

organ of state.

2 DEFINITIONS

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

(b) **"price"** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

(c) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

(d) **"tender for income-generating contracts"** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and

(e) **"the Act"** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3 FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. **POINTS AWARDED FOR PRICE**

3.1.1 **THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS**

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

80/20 **or** **90/10**

$$Ps = 80\left(1 - \frac{Pt - P\,min}{P\,min}\right) \quad \text{or} \quad Ps = 90\left(1 - \frac{Pt - P\,min}{P\,min}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.2.1. **POINTS AWARDED FOR PRICE**

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

80/20	or	90/10
$Ps = 80\left(1 + \frac{Pt - P\,max}{P\,max}\right)$	or	$Ps = 90\left(1 + \frac{Pt - P\,max}{Pmax}\right)$

Where

Ps	=	Points scored for price of tender under consideration
Pt	=	Price of tender under consideration
Pmax	=	Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 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").	3	10		
Women	2	5		
Disabled	1	1		
Youth	2	2		
Locality **Gauteng Province = 2** **National = 0**	2	2		
b) Other Specific Goals (Programmes of the RDP & Local Manufacturing.				
• The promotion of enterprises located in a **specific province** for work to be done or services to be rendered in that province (e.g. Gauteng Province) **Substantiation: Please provide municipal account/statement or lease agreement.**				
• The promotion of enterprises located in a **specific region** for work to be done or services to be rendered in that region **Substantiation: Please provide municipal account/statement or lease agreement.**				
• The promotion of enterprises located in a **specific municipal** area of work to be done or services to be rendered in that municipal area (e.g. City of Johannesburg)				

Substantiation: Please provide municipal account/statement or lease agreement.				
Total Points	**10**	**20**		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm…….

4.4. Company registration number: ……..

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

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

i) The information furnished is true and correct;

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

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

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

(a) disqualify the person from the tendering process;

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

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

(d) recommend that the tenderer or contractor, its shareholders and directors, or only the

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

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

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

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

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 less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

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

25. *Force majeure*

25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.

25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

26. Termination for insolvency

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

27. Settlement of disputes

27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.

27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.

27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

27.5 Notwithstanding any reference to mediation and/or court proceedings herein,

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:	