

REQUEST FOR PROPOSAL(RFP)

APPOINTMENT OF A SERVICE PROVIDER TO RENDER WATER TREATMENT SERVICES AND SUPPLY OF CHEMICALS AT iThemba LABS CAPE TOWN FOR A PERIOD OF 33 MONTHS.

SUPPLIER NAME:

RFP Number:	iLABS/RFP2021/22:11
RFP Description:	Appointment of a Service Provider to render Water Treatment Services and Supply Chemicals at iThemba LABS, Cape Town for a period of Thirty-three (33) Months
Date of Issued:	13 September 2021
Site Location:	iThemba LABS Old Faure Road Faure 7131
Closing Date:	27 September 2021 at 11:00 am
Email Address for submission of RFP:	scm3@tlabs.ac.za (quotes / proposals must be sent via email only)
For More Information, (Technical):	Mr. Paul Gardiner Email: pgardiner@tlabs.ac.za Tel: 021 843 1059
For More Information, (Supply Chain Management):	Mr. Odwa Mxenge scm3@tlabs.ac.za
iThemba LABS Business Hours:	08:00 am till 16:30 pm

Date Goods Required:	Immediately After Issuing of Purchase Order
Validity from Closure Date:	90 Days
Awarding of Proposal:	October 2021
Contract Period:	33 Months
Preferential Procurement System Applicable:	80:20 This RFQ is subject to the Preferential Procurement Policy Framework Act 2000 and its 2017 Regulations; the General Conditions of Contract (GCC); Special Conditions of Contract (SCC), and, if applicable, any other legislation.

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1. INTRODUCTION TO THE NRF

The National Research Foundation (“NRF”) is a juristic person established in terms of the National Research Foundation Act, Act 23 of 1998, and a Schedule 3A Public Entity in terms of the Public Finance Management Act. The NRF is the government’s national agency responsible for promoting and supporting research and human capital development through funding researchers, provision of the National Research Platforms, and science outreach platforms/programs to the broader community. The NRF provides these services in all fields of science and technology, including natural science, engineering, social science, and humanities. The NRF delivers its mandate through its internal business units which are both functional and geographical diverse. All contracts flowing from bidding only apply to iThemba LABS Cape Town.

The NRF is a schedule 3A entity under the PFMA (Act 29 of 1999), which is required to plan and report on its activities and organizational performance, and which is to be audited by the AGSA on an annual basis. As part of the AGSA audit requirements, the NRF has to collect / document and store details, data and/or information of all persons and activities that form part of its performance record as proof thereof. In terms of this requirement, all persons making use of NRF facilities, platforms, equipment, tools etc., for research and related purposes are required to provide their personal details/data/information as per the template below or other similarly appropriate format. By completing your information in the template/register/record below and appending your signature thereto, you confirm your consent, in line with the Protection of Personal Information Act 4 of 2013, whereby the NRF and any of its business units may process (collect, receive, record, organize, collate, share, store, update, modify, retrieve, alter, consult, use, disseminate, distribute, merge, link, erase or destroy) the personal information you provide within and amongst its business units/functions for the purpose of fulfilling its statutory mandate, public accountability and other regulatory/legal requirements.

2. INTRODUCTION TO THE NRF BUSINESS UNIT RESPONSIBLE FOR THIS RFP

iThemba LABS (Laboratory for Accelerator-Based Sciences) is a multi-disciplinary research laboratory based at two sites in the Western Cape and Gauteng respectively, these provide facilities for:

- Basic and Applied Nuclear Physics Research using Particle Beams
- Research Radiation Biophysics
- The supply of Accelerator-produced Radioactive Isotopes for Nuclear Medicine and Research

The General Technical Support department of iThemba Labs Cape Town is responsible for this RFP.

3. INVITATION FOR PROPOSAL

iThemba LABS seeks to appoint a reputable Service Provider as required by National Treasury Regulations (NTRs) and Public Financial Management Act (PFMA) through an open and competitive process so that it can realise the benefits of the strategic sourcing which includes, amongst others:

- Reducing the cost of effort and administration
- Minimising price inconsistencies
- Reducing inadequate contract management and service delivery

This Request for proposal is intended to allow the successful bidder to specify and present their skills, expertise and price for the above-mentioned services to iThemba LABS. Final acceptance of any proposal is not guaranteed, this being the exclusive right of iThemba LABS. The purpose of this RFP is to invite proposals for the **Appointment of a Service Provider to render Water Treatment Services and Supply Chemicals at iThemba LABS, Cape Town for a period of Thirty-three (33) Months** with the right to cancellation due to non – performance.

4. OBJECTIVES OF iThemba LABS

The long-term Key Strategic Objectives of iThemba LABS are well aligned with five of the six Strategic Outcomes of the National Research Foundation (NRF) as follows:

- iThemba LABS develops and provides to its users' leading-edge research and infrastructure platforms to **enhance impact on the research enterprise**. This state-of-the-art facility is aimed at responding to the needs of the SA research community in subatomic science and technology, radiobiology, radiochemistry, materials research, accelerator mass spectrometry, and environmental sciences, as well as other disciplines that can benefit from ion beam analysis techniques.
- The availability of the leading-edge research allows iThemba LABS to contribute to **enhance impact on the research enterprise** through in-house and collaborative research projects. In addition to growing the production of globally competitive research outputs our training capacity is enhanced, leading to improvement in both quality and quantity of Human Capacity Development (HCD), and contributing to a **transformed (internationally competitive and sustainable) research workforce**. Competitive infrastructure also allows iThemba LABS and its users to forge closer ties with the South African, African and International Science and Technology, Higher Education and Research Institutions. Our facilities and skilled human resources also serve to technically and scientifically assist South African research groups that wish to use international facilities thereby contributing to a **transformed organisation that lives its culture and values**.
- Having world class infrastructure, conducting competitive research and having active international research collaborations serves to establish iThemba LABS and South Africa to be **globally recognised and respected for the research infrastructure platforms and people**. iThemba LABS

further contributes to the societal benefit by growing and enhancing our Radionuclide Production portfolio and service offering for the health and related benefits of the SA community whilst improving cost recovery opportunities.

- iThemba LABS **upholds best corporate practise** and constantly strives to deliver transparent HR/Business/Finance processes (including Health and Safety) in line with the NRF policies in support of the operations and to facilitate Strategic Decision Making.
- iThemba LABS offers an extensive range of training programmes, mainly focused on post-graduate training where our research facilities are being utilized. In particular, post-graduate programmes with HDIs provide the pipeline needed to generate a **transformed research and technical workforce**, not only internal to the NRF but also in academia and the nuclear industry
- A small but active group at iThemba LABS engages in a variety of science outreach programmes aimed at establishing a **scientifically informed society**. Having world-class research facilities and participating in leading edge research plays an important role in instilling interest and pride in science in South Africa.

5. REGISTRATION ON THE CENTRAL SUPPLIER DATABASE (CSD)

The bidder must register on the National Treasury's Central Supplier Database in order to do business with an organ of state or for the NRF to award a bid or contract. Registration on the CSD (www.csd.gov.za) provides a bidder with an opportunity to do business with all state organisations including provincial and municipal levels. National Treasury Contact Details: 012 406 9222 or email csd.support@treasury.gov.za.

SECTION 1: Process Description & Administrative Requirements.

1.1. Mandatory and Administrative Requirements

1.1.1. Mandatory and Administrative Requirements

- a) All documentation to be included:
PART 1: Technical Proposal: RFP No.: iLABS/RFP2021/22:11
PART 2: B-BBEE and other Mandatory Documentation:
- b) Detailed proposal and any additional information must accompany this signed Request for Proposal (RFP).
- c) Prices supplied must be fully inclusive of all costs; value added tax, delivery charges and other taxes.
- d) Prices must be in South African currency.
- e) Price summary supplied in this document is firm prices.
- f) Bidders not submitting mandatory returnable evaluation documents will not be considered for technical evaluation and will be disqualified automatically.

ADMINISTRATIVE DOCUMENTS (M = Mandatory)		
Please Tick Applicable		
Original B – BBEE Certificate or Certified Copy	M	YES/NO
Company Profile Including a portfolio reflecting the resources available to execute the work.	M	YES/NO
CSD (Central Supplier Database) Proof of Registration (www.csd.gov.za)	M	YES/NO
SBD 4	M	YES/NO
SBD 6.1	M	YES/NO
SBD 8	M	YES/NO
SBD 9	M	YES/NO
Proof of Bidder Public R 3M Liability Cover	M	YES/NO
Resolution by the Bidder authorizing signatory (If documents completed and signed by the Owner/Partner/Managing Director, Resolution not needed from the bidder)	M	YES/NO
Valid Letter of Good Standing issued by Compensation Commissioner OR COIDA certificate.	M	YES/NO
Proof of address to demonstrate that the bidder's primary office is based within 60km of iThemba LABS Cape Town.	M	YES/NO
EVALUATION DOCUMENTS (Go/No Go)		
Note: Compulsory to submit all returnable documents		
A portfolio of water treatment services to plants /facilities covering a similar scope and works (Restricted to a minimum of 3 in the past 5 years) – Supply of Water Treatment Chemicals and Servicing of Equipment. The Projects must include the Value and duration of the contract.	M	YES/NO
CV of the competent person with a qualification in chemical engineering who will provide the monthly water treatment service. Minimum Five Years' Experience.	M	YES/NO
Program/plan indicating how the monthly service will be administered inclusive of proposed safe use and	M	YES/NO

handling of chemicals to be used with MSDS (Material Safety Data Sheets).		
Three (3) written and signed Trade References for similar work or service relating Water Treatment Services in the past 5 years (Bidders may utilise the template on page 16 or submit clients reference letters / completion certificates)	M	YES/NO
Certified Copy of the SABS /ISO certificate for to distribution and the use of water treatment chemicals.	M	YES/NO

1.2. Proposal Submission

Proposal must reach iThemba LABS before the closing time on the date shown below.

RFP No: iLABS/RFP2021/22:11

Description: Appointment of a Service Provider to render Water Treatment Services and supply of chemicals at iThemba LABS Cape Town for a Period of 33 Months.

Closing Date and Time: 27 September 2021 at 11:00 am

1.2.1. Delivery Instructions for Bids: Submission by email to scm3@tlabs.ac.za

1.2.1.1. Please note that this RFQ closes punctually at 11:00 am on 27 September 2021. No late bids will be accepted.

1.2.1.2. The responses to this RFQ will be opened as soon as practicable after the expiry of the time advertised for receiving them.

1.2.2. iThemba Labs reserves the right to accept the whole bid/proposal or part of your submitted bid/proposal or any item or part of any item or accept more than one bid/proposal (in the event of a number of items being offered).

1.2.3. iThemba LABS shall not, at the opening of responses, disclose to any other company any confidential details pertaining to the Proposals / information received i.e. pricing, delivery, etc. The names and locations of the Respondents will be divulged to other respondents upon request.

1.2.4. iThemba LABS business hours are between 08h00 and 16h30.

1.2.5. Each proposal shall be valid for a minimum period of ninety (90) days calculated from the closing date.

1.2.6. Quotations submitted by companies must be signed by a person or persons duly authorised.

1.3. Awarding of Request for Proposal and Appointment of Bidder.

1.3.1. The contract will be awarded to the bidder who scores the highest total number of points during the evaluation process, except where the law permits otherwise.

1.3.2. iThemba LABS will award the contract to qualified bidder(s)' whose proposal is determined to be the most advantageous to iThemba LABS, taking into consideration the Technical (Functional) Solution, Price and B-BBEE.

1.3.3. **Pre-Qualification Eligibility Criteria**

NRF /iThemba Labs TRANSFORMATION			
Sector Code Applicable	Not Applicable		
Minimum status B-BBEE level or not?	Yes		
Minimum status level	4		
A bidder failing to meet any of the stipulated pre-qualifying criteria is automatically disqualified.			
Verification Certificate Submitted	☐ Yes ☐ No	Sworn Affidavit Submitted	☐ Yes ☐ No

There is a minimum B-BBEE threshold of Level four (4) for this Request for Proposal. A bidder failing to meet the stipulated B-BBEE threshold is regarded as non-responsive and will be automatically be disqualified.

1.3. Evaluation Process.

1.3.1. Evaluation of quotations:

All quotations will be evaluated by an evaluation team and SCM for administrative compliance, Functionality, Price and B-BBEE. Based on the results of the evaluation process and upon successful negotiations, iThemba LABS will approve the awarding of the contract to successful bidder.

1.3.2. Evaluation process will be followed:

- The first phase of evaluation is Pre-Qualification Eligibility Criteria (refer to **paragraph 1.3.3**)
- The second phase includes evaluation of mandatory and technical criteria.
- The third phase includes the evaluation of price and B-BBEE status.

Pricing Quotations will only be considered after the technical phase has been adjudicated and accepted.

Preference points system:

- The 80/20 preference point system will be used where 80 points will be dedicated to price and 20 points to B-BBEE status.

1.3.3. Pricing Quotations:

1.3.3.1. Pricing quotations must be cross-referenced to the sections in the Technical Proposal.

1.3.3.2. Price needs to be provided in South African Rand (incl. VAT), with details on price elements.

- 1.3.3.3. Only firm prices will be accepted during the bid validity period. Non-firm prices (including prices subject to rates of exchange variations) may not be considered.

1.4. Appointment of Bidder

- 1.4.1. Appointment as a successful bidder shall be subject to the parties agreeing to mutually acceptable contractual terms and conditions. In the event of the parties failing to reach such agreement iThemba LABS reserves the right to appoint an alternative supplier.

1.5. Communication.

- 1.5.1 Bidders are warned that a Proposal will be liable to disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer or employee of iThemba LABS in respect of this RFQ/RFP between the closing date and the date of the award of the business.
- 1.5.2 For specific queries relating to this RFQ/RFP, Respondents must contact SCM Office in writing. After the closing date of the RFQ/RFP, a Respondent may communicate with iThemba LABS Supply Chain Management Section, at scm3@tlabs.ac.za on any matter relating to its RFQ proposal.
- 1.5.4 Respondents found to be in collusion with one another will be automatically disqualified and blacklisted from doing business with iThemba LABS in future.

1.6. Bid Documentation Availability.

The RFQ documents are available from the iThemba LABS website – <https://tlabs.ac.za/supply-chain/bids/>.

SECTION 2: BACKGROUND

iThemba LABS has identified a need to improve its business operations to cater for the needs and expectations of its customers and employees. To achieve this, an efficient and effective technical and ergonomically infrastructure should be in place to enable its core businesses to operate optimally. Given the technical nature and resources required to complete the proposed works, it was decided to source an external service provider.

SECTION 3: GENERAL SPECIFICATION

The Water Treatment Program, administered under the supervision of a competent Water Treatment Specialist, is an essential part of routine maintenance to ensure the safe operation and longevity of evaporative cooling equipment as well as other system components.

These services are to be rendered by qualified staff with the ability to execute the work on time; no compromise for poor workmanship will be tolerated.

3.1 DETAILED SPECIFICATIONS

- 3.1.1 The bidders are expected to provide a monthly water treatment service to the potable water for the **VXI (closed)** no.1-3 & **FCT (open)**, no.1- 4 Cooling towers with a common sump. The main objective of the water treatment is to prevent corrosion, scale formation or biological fouling which may negatively affect the longevity of our systems and equipment. In the **Chiller Plant room** at iThemba LABS has a closed loop system which must be checked monthly with chemicals added as and when required. At the **Material Research Building**, iThemba LABS have a closed loop system a provisional amount will be used for the chemical with the water being tested monthly, chemical will be added as and when required.
- 3.1.2 The service will include supply of chemicals and monthly dosing services with detailed status reports. The bidder will be responsible for the efficient operation and maintenance of the dosing pumps and related equipment to the water treatment and to ensure all equipment is calibrated and operating optimally. **(See annexure 1 pg. 35-37).**
- 3.1.3 In addition to the service required the bidder will make provision for the supply and installation of 5 corrosion coupons.
- 3.1.4 **Service and Activities Reports**
- 3.1.4.1 The bidders are expected to provide a monthly report for the water treatment service to the potable water for the VXI & FCT Cooling towers.
- 3.1.4.2 The report must include the monthly water consumption per tower, meter reading, product used with the amount of chemical used for each cooling tower.
- 3.1.4.3 The monthly analysis of the water with the results for the following:
- Calcium Hardness (50 to 500ppm as per manufacturers specification)
 - Alkalinity (200 500ppm maximum as per manufacturers specification)
 - Chlorides (200ppm maximum as per manufacturers specification)
 - Total Dissolved Solids: (600 to 1000ppm as per manufacturers specification)
 - pH: (6.5 to 9.0 as per manufacturers specification)
 - Sulphates: (200ppm maximum as per manufacturers specification)
- 3.1.5 **Water Consumption of Cooling Towers**
- The monthly average water consumption of the 3 VXI is 1000m³ litres.
 - The monthly average water consumption of the 4 FCT with a common sump is 2000m³ litres.
- 3.1.6 **Chemicals**
- The chemicals in the open and closed cooling towers must be compatible with the unit materials of the construction as well as other materials used in the BAC towers. i.e. steel piping
 - The bidder must make provision to supply suitable robust containers for all chemicals used on site.
 - The chemical provided must minimize the corrosion, scale formation or biological growth.

- The bidder must be suitable qualified and experienced in the supply of chemicals for the use of water treatment with the SABS/ISO 9001 accreditation.
- Microbiological control should be validated by doing two microbiological tests per year on the all open systems i.e. condenser and evaporative coolers. Total Aerobic Plate Count: Maintain a value < 10,000 cfu/ml as per SANS 893-2:2013. Legionella counts should be <100 cfu/ L as per **SANS 893-2:2013**

3.1.7 Corrosion coupons

- Supply and install corrosion coupons, both open and closed systems have corrosion coupon rack installed aiming for corrosion rates of <2mpy (mils per year) for the condenser water system and <0.2mpy (mils per year) for the closed systems.
- The uninterrupted time frame for coupons in the rack is 3 months.
- The testing of the coupons must be witnessed by a bidder's representative and iThemba LABS at 3 monthly Intervals Comparative reports of the tests conducted before and after must be submitted to iThemba LABS.

3.2. PRICING SCHEDULE INSTRUCTIONS:

- Bidders must price in accordance with the pricing schedule below, this will enable iThemba LABS to compare priced offers, the priced rates in the BOQ will be fixed for the contracted period.
- Failure to submit a priced offer using the prescribed schedules may make the bid liable for disqualification.
- Do not leave any area blank in the pricing schedules.
- All payments will be made within 30 days from invoice receipt date.

No.	DESCRIPTION OF SUPPLIES OR SERVICE ITEM NUMBER	FREQUENCY	RATE PER MONTH	Price Per Year (VAT Incl.) for 1 st Year	Price Per Year (VAT & CPI Incl.) for 2 nd Year	Price Per Year (VAT & CPI Incl.) for 3 rd Year
1	Monthly Servicing and Water Treatment inclusive of chemicals inclusive of (Testing of water in Chiller Plant room & Material Research Building)	Monthly	R	R (Rate per x 11)	R	R
2	Chemicals for closed loop circuits (Provisional amount)	As and when required	R	R 20 000	R 20 000.00	R 20 000.00
3	Maintenance and repairs to dosing pumps, solenoid valves and related equipment (Provisional amount)	Annually	R	R 25 000	R 25 000.00	R 25 000.00
4	Biological Monitoring of aerobic plate count & Legionella tests	Biannually (twice yearly)	N/A	R (Rate for twice a year)	R	R
5	Supply and Install Coupons & Testing (5)	4 (per annum)	N/A	R (Rate for four times a year)	R	R
TOTAL				R	R	R

3.3. FUNCTIONALITY

The functionality threshold to be met is a minimum of 70%, bidders not meeting this threshold will be disqualified from further evaluation.

Competence Criterion	Key Aspects of Criterion	Points Allocation		Total Points
Suitability	Experience of the service provider in providing Water Treatment Services.	No submission	0	25
		One Project	5	
		Two Projects	10	
		Three Project	15	
		Four Projects or more	25	
	Previous and current clients reference letters showing Capability in providing Water Treatment Services. List of written references under the annexure.	No submission	0	15
		One Project	5	
		Two Projects	10	
		Three Project	15	
Capability of staff to be used	CV and experienced of service technician who will deliver monthly service. Minimum 5 Years' Experience.	No submission	0	50
		Between 1 to 2 Years' experience in Water Treatment	10	
		Between 3 to 4 Years' experience in Water Treatment	20	
		Between 5 to 6 Years' experience in Water Treatment	40	
		Ten and more Years in Water Treatment	50	
Capacity	List of competent Water Treatment Specialist within the company.	No submission	0	10
		One or More Water Treatment Specialist within the company	10	
TOTAL				100

3.4 REFERENCE LETTER TEMPLATE

REFERENCE LETTER FORMAT			
Referee Letterhead			
<u>Referee Legal Name:</u>			
<u>REFERENCE ON COMPANY:</u>			
RFP Number:	iLABS/RFP2021/22:11		
RFP Description: Appointment of a Service Provider to render Water Treatment Services and supply of chemicals at iThemba LABS Cape Town for a Period of 33 Months.			
Describe the service/work the above bidder provide to you below:			
PLEASE TICK BOX 	Below requirements	Meets requirements	Exceeds requirements
REPRESENTATIVE OF PERFORMANCE FOR EACH CRITERIA LISTED BELOW			
Customer satisfied with the service			
On time completion of monthly water treatment			
Competent staff executing the work			
Management of costs			
Project management			
Overall Impression	Other comments		
Approximate value of contract			
Would you use the provider again?			☐ YES ☐ NO
Completed by:			
Signature:			

Company Name:		
Contact Telephone Number:		
Date:		

SPECIAL CONDITIONS FOR MANAGING THE CONTRACTUAL OBLIGATIONS		
SERVICE PERFORMANCE LEVELS (MANDATORY)		
Service being Measured	Measurement	Minimum level
Service and Activity Reports	The bidders are expected to provide a monthly report for the water treatment service to the potable water for the VXI & FCT Cooling towers	First Working Day on the new month or as agreed.
Supply of Chemicals and Monthly Dosing Service	The bidder will be responsible for the efficient operation and maintenance of the dosing pumps and related equipment to the water treatment and to ensure all equipment is calibrated and operating optimally.	One Day
Capacity	Attach a program/plan indicating how the monthly service will be administered inclusive of proposed safe use and handling of chemicals to be used and MSDS (Material Safety Data Sheets).	100% Compliance to the Specifications on the RFP
SABS/ISO Certification	Include a copy of the SABS /ISO certificate for to distribution and the use of water treatment chemicals. A copy of the monthly water treatment report.	100% Compliance to the Specifications on the RFQ
Personal Protective Equipment and Clothing.	Contractors employees must wear the correct Personal Protective Equipment and Clothing (PPE&C) at all times during Building works. Such PPE&C should be open to be inspected by the SHE Department at any time.	Workers cannot commence duty. Clothing to be made available within 1 hour of identifying this non-compliance.

Safety and Health Administration.	A Contractors' Obligation Form must be completed and forwarded to our SHE Department. A Compensation for Injuries and Diseases Act 130 of 1993 (COLD Act) Registration number must be furnished to the SHE Department. All Contractor staff must avail themselves as a single group to be inducted by the SHE Department during the week prior to commencement of work.	Induction attended not later than 1 day of agreed date.
Operational Planning/Work Plan	An Operational/work plan or workflow sub categorised into quarterly, monthly, weekly and daily is required to be submitted with the bid before the closing time	Operational Planning/Work Plan must be submitted with the proposal and renewed annually.
Safety File	Submission Date	One week after site establishment and award of the contract
SERVICE PERFORMANCE LEVELS (MANDATORY)		
Service being Measured	Penalty where minimum levels are breached	
Certificate of Compliance	As stipulated on GCC 22.1	
Personal Protective Equipment and Clothing.	Letter of Non - Compliance	
Health Safety and Administration.	Letter of Non - Compliance	
GENERAL CONDITIONS OF CONTRACT FOR PERFORMANCE MANAGEMENT		
GCC22	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.	

Please visit <https://www.nrf.ac.za/procurement/General-Conditions-of-Contract> for the detailed GCC's which forms part of the binding contract which will be issued to the awarded bidder.

SBD 4 - DECLARATION OF INTEREST WITH GOVERNMENT

Any legal person, including persons employed by the STATE ¹, or persons having a kinship with persons employed by the STATE, including a blood relationship, may make an offer or offers in terms of this invitation to Bid (includes an advertised competitive Bid, a limited Bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting Bid, or part thereof, be awarded to persons employed by the STATE, or to persons connected with or related to them, it is required that the Bidder or his/her authorised representative, declare his/her position in relation to the evaluating/adjudicating authority where:

The Bidder is employed by the STATE; and/or

The legal person on whose behalf the Bidding Document is signed, has a relationship with persons/s person who is/are involved in the evaluation and or adjudication of the Bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and/or adjudication of the Bid.

In order to give effect to the above, the following questionnaire must be completed and submitted with this Bid:

Full Name of Bidder or his/her representative:

Identity Number:

Position occupied in the Company (director, trustee, shareholder, member):

Registration number of company, enterprise, close corporation, partnership agreement:

Tax Reference Number:

VAT Registration Number:

The names of all directors/trustees/shareholders/members, their individual identity numbers, tax reference numbers and, if applicable, employee/PERSAL numbers must be indicated in a separate schedule including the following questions:

Schedule attached with the above details for all directors/members/shareholders	
Are you or any person connected with the Bidder presently employed by the STATE? If so, furnish the following particulars in an attached schedule	YES / NO
Name of person/ director/ trustee/ shareholder/member:	
Name of STATE institution at which you or the person connected to the Bidder is employed	
Position occupied in the STATE institution:	
Any other particulars:	
If you are presently employed by the STATE, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?	YES / NO
If Yes, did you attach proof of such authority to the Bid document?	
If No, furnish reasons for non-submission of such proof as an attached schedule	
(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the Bid.)	
Did you or your spouse or any of the company's directors/ trustees /shareholders /members or their spouses conduct business with the STATE in the previous twelve months?	YES / NO
If so, furnish particulars as an attached schedule:	
Do you, or any person connected with the Bidder, have any relationship (family, friend, other) with a person employed by the STATE and who may be involved with the evaluation and or adjudication of this Bid?	YES / NO
If so, furnish particulars as an attached schedule.	

Do you or any of the directors/ trustees/ shareholders/ members of the company have any interest in any other related companies whether or not they are bidding for this contract?	YES / NO
If so, furnish particulars as an attached schedule:	

PREFERENCE POINTS CLAIMED (SBD 6.1)

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017									
This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS, AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.									
1. GENERAL CONDITIONS									
1.1.	The following preference point systems are applicable to all bids: 1.1.1. the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and 1.1.2. the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).								
1.2.	1.2.1. The value of this bid is estimated not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable 1.2.2. the 80/20 preference point system will be applicable to this tender								
1.3.	Points for this bid shall be awarded for: 1.3.1. Price; and 1.3.2. B-BBEE Status Level of Contributor.								
1.4.	The maximum points for this bid are allocated as follows:								
	<table border="1"> <tr> <th></th> <th>POINTS</th> </tr> <tr> <td>PRICE</td> <td>80</td> </tr> <tr> <td>B-BBEE STATUS LEVEL OF CONTRIBUTION</td> <td>20</td> </tr> <tr> <td>Total points for Price and B-BBEE must not exceed</td> <td>100</td> </tr> </table>		POINTS	PRICE	80	B-BBEE STATUS LEVEL OF CONTRIBUTION	20	Total points for Price and B-BBEE must not exceed	100
	POINTS								
PRICE	80								
B-BBEE STATUS LEVEL OF CONTRIBUTION	20								
Total points for Price and B-BBEE must not exceed	100								

- 1.5. Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.6. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- 2.1. **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.2. **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- 2.3. **"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 goods or services, through price quotations, advertised competitive bidding processes or proposals;
- 2.4. **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- 2.5. **"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;
- 2.6. **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- 2.7. **"prices"** includes all applicable taxes less all unconditional discounts;
- 2.8. **"proof of B-BBEE status level of contributor"** means:
 - 2.8.1. B-BBEE Status level certificate issued by an authorized body or person;
 - 2.8.2. A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 2.8.3. Any other requirement prescribed in terms of the B-BBEE Act;
- 2.9. **"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;
- 2.10. **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

- 3.1. 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

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

Where

P_s = Points scored for price of bid under consideration

P_t = Price of bid under consideration

$P_{\min}$ = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 4.1. In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

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

5. BID DECLARATION

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

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

- 6.1. B-BBEE Status Level of Contributor: . =(maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

- 7.1. Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES		NO	
-----	--	----	--

7.1.1. If yes, indicate:

7.1.1.1. What percentage of the contract will be subcontracted.....%

7.1.1.2. The name of the sub-contractor.....

7.1.1.3. The B-BBEE status level of the sub-contractor.....

7.1.1.4. Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES		NO	
-----	--	----	--

7.1.1.5. Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at least 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1. Name of company/firm:

8.2. VAT registration number:

8.3. Company registration number :

8.4. TYPE OF COMPANY/ FIRM

☐ Partnership/Joint Venture / Consortium

☐ One person business/sole propriety

☐ Close corporation

☐ Company

☐ (Pty) Limited

[TICK APPLICABLE BOX]

8.5. DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

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

8.6. COMPANY CLASSIFICATION

- ☐ Manufacturer
- ☐ Supplier
- ☐ Professional service provider
- ☐ Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

8.7. Total number of years the company/firm has been in business:

8.8. I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- 8.8.1. The information furnished is true and correct;
- 8.8.2. The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- 8.8.3. In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- 8.8.4. If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - 8.8.4.1. disqualify the person from the bidding process;
 - 8.8.4.2. recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - 8.8.4.3. 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;
 - 8.8.4.4. recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury 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
 - 8.8.4.5. forward the matter for criminal prosecution.

SBD 8 - DECLARATION OF BIDDER'S PAST SCM PRACTICES

Is the Bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? If Yes, furnish particulars as an attached schedule:	YES / NO
Is the Bidder or any of its directors listed on the Register for Tender Defaulters in terms of Section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? If Yes, furnish particulars as an attached schedule:	YES / NO
Was the Bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years? If Yes, furnish particulars as an attached schedule:	YES / NO
Was any contract between the Bidder and any NRF terminated during the past five years because of failure to perform on or comply with the contract? If Yes, furnish particulars as an attached schedule:	YES / NO
The Database of Restricted Suppliers and Register for Tender Defaulters resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.	

SBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting this Bid in response to the invitation for the Bid made by the NRF, do hereby make the following statements that I certify to be true and complete in every respect:	
I have read and I understand the contents of this Certificate;	
I understand that the Bid will be disqualified if this Certificate is found not to be true and complete in every respect;	
I am authorised by the Bidder to sign this Certificate, and to submit the Bid, on behalf of the Bidder;	
Each person whose signature appears on the Bid has been authorised by the Bidder to determine the terms of, and to sign, the Bid on behalf of the Bidder;	
For the purposes of this Certificate and the accompanying Bid, I understand that the word "competitor" shall include any individual or organisation, other than the Bidder, whether or not affiliated with the Bidder, who: a) Has been requested to submit a Bid in response to this Bid invitation; b) Could potentially submit a Bid in response to this Bid invitation, based on their qualifications, abilities or experience; and c) Provides the same goods and services as the Bidder and/or is in the same line of business as the Bidder	
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 ³ will not be construed as collusive bidding.	
In particular, without limiting the generality of paragraphs above, there has been no consultation, communication, agreement or	

	arrangement with any competitor regarding: a) Prices; b) Geographical area where product or service will be rendered (market allocation); c) Methods, factors or formulas used to calculate prices; d) The intention or decision to submit or not to submit, a Bid; e) The submission of a Bid which does not meet the specifications and conditions of the Bid; or f) Bidding with the intention not to win the Bid.
	In addition, there have been no consultations, communications, agreements, or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this Bid invitation relates.
	The terms of this 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 the bid or to the signing of the contract.
	I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to Bids and contracts, Bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of Section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation
	³ 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

1. Contract Management

- 1.1. The NRF manages this contract fairly and objectively in accordance to the terms and conditions set out in this document.

2. Contract Manager

- 2.1. The NRF appoints a contract manager and notifies the other party in writing of the name and contact details of the appointed contract manager.

3. Contract Communication

- 3.1. The NRF communicates all communications in writing as well as through email.
- 3.2. The NRF maintains all contract documentation, correspondence, etc. in a defined contract file open for inspection.
- 3.3. The NRF states the contract number with secondary reference numbers i.e. purchase numbers on all communication, documentation such as purchase orders issued, etc. The NRF will consider any communication without the contract number on as not being legal communication between the parties and not enacted on by either party as a protection against fraud.

4. Communicating “As and When” in terms of the specific contract clauses

- 4.1. Where prices and/or availability need to be confirmed, a request for an updated detail quotation/information is issued and the Project Leader must complete a B52 (Request for Order). The detailed quotation together with the signed B52 must be submitted to Supply Chain Management Office for processing;
- 4.2. Where specific procurement items as specified in the contract are required, the NRF issues a purchase order stating the contract number for the requirement.
- 4.3. Such purchase order has the following detail (where this is not provided, the purchase order is not a valid communication in terms of this contract):
 - 4.3.1. Purchase Order Number
 - 4.3.2. Contract Number
 - 4.3.3. Quantity
 - 4.3.4. Description of the required procurement. Where detailed, reference must be made to the relevant technical document attached;
 - 4.3.5. Catalogue number if applicable;
 - 4.3.6. Unit price per this contract;
 - 4.3.7. Delivery Date;
 - 4.3.8. Business unit code; and
 - 4.3.9. The specific delivery site.

5. Communicating where incidental services are required as listed in this document

- 5.1. Incidental services are specified in the incidental services clause
- 5.2. Incidental services are priced in accordance with the incidental clause where such prices have not been set in the SBD form.

6. Communicating where spare parts are required as listed in this document

- 6.1. The spare parts services are specified in the spare parts clause

7. Performance Management

- 7.1. The NRF measures performance throughout the contract life.
- 7.2. The NRF has regular performance review with the contractor.
- 7.3. Where severe non-performance occurs will terminate the contract earlier in consultation with the contractor.

CONTRACTED BIDDER

8. Managing the Contract

- 8.1. The contracted party manages this contract fairly and objectively in accordance to the terms and conditions set out in this document.
- 8.2. The Service Provider will supervise and exercise proper control over its personnel and shall not hold the iThemba LABS liable for any loss or injury caused to the said personnel. The Service Provider will seek to resolve any problems relating to its personnel in line with the laws of the country (e.g. Labour Laws).

9. Contract Manager

- 9.1. The contracted party appoints a contract manager and notifies the NRF in writing of the name and contact details of the appointed contract manager.

10. Communication

- 10.1. The contracted party communicates in writing and through email.
- 10.2. The contracted party always state the contract number on communication, documentation such as correspondence, purchase orders issued, etc. and will not act upon any communication without the contract number or must verify such communication with the NRF prior to acting upon it.

11. Managing Stages (if applicable), Delivery Scheduling (if applicable), Milestones (if applicable)

- 11.1. Where different stages apply, the contracted party communicates in writing the commencement of the stage to the NRF.

	12. Health and Safety Requirements 12.1. In terms of the Occupational Health and Safety Act (OHS Act No 85 of 1993 and its Regulations), the contracted supplier is responsible for the health and safety of its employees and those other people affected by the operations of the supplier. 12.2. The contracted supplier ensures all work performed and/or equipment used on site complies with the Occupational Health and Safety Act (OHS Act No 85 of 1993 and its Regulations). 12.3. To this end, the contracted supplier shall make available to NRF the valid letter of good conduct and shall ensure that its validity does not expire while executing this bid. 12.4. Prior to commencement of any work the contractor needs to complete an Indemnity form, the iThemba LABS Contractual obligations form and will be required to attend a Contractors Health and Safety induction prior to commencement of any works.			
BID SUBMISSION CERTIFICATE FORM				
	I hereby undertake to supply all or any of the goods, works, and services described in this procurement invitation to the NRF in accordance with the requirements and specifications stipulated in this Bid Invitation document at the price/s quoted.			
	My offer remains binding upon me and open for acceptance by the NRF during the validity period indicated and calculated from the closing time of Bid Invitation.			
	The following documents are deemed to form and be read and construed as part of this offer / bid even where integrated in this document: • Invitation to Bid • Specification(s) set out in this Bid Invitation inclusive of any annexures thereto • Bidder's responses to this invitation as attached to this document • Pricing Schedule(s) including detailed schedules attached • CSD / Tax clearance letter • Declaration of Interest (SBD4); • Preference (SBD 6.1) claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2017 (SBD6.1) and the BBBEE certificate • SBD 6.2 Local Content (Where applicable) • Declaration of Bidder's past SCM practice (SBD 8) • Conditions of contract as set out in this document (GCC) I confirm that I have satisfied myself as to the correctness and validity of my offer / bid in response to this Bid Invitation; that the price(s) and rate(s) quoted cover all the goods, works and services specified in the Bid Invitation; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me in terms of this Bid Invitation as the principal liable for the due fulfilment of the subsequent contract if awarded to me. <table border="1" data-bbox="97 1742 1505 1870"> <tr> <td data-bbox="97 1742 783 1870"> I declare that I have had no participation in any collusive practices with any Bidder or any other person regarding this or any other Bid. </td> <td data-bbox="783 1742 1505 1870"></td> </tr> </table>		I declare that I have had no participation in any collusive practices with any Bidder or any other person regarding this or any other Bid.	
I declare that I have had no participation in any collusive practices with any Bidder or any other person regarding this or any other Bid.				
	I certify that the information furnished in these declarations (SBD4, SBD6.1, SBD 6.2 where applicable, SBD5, SBD8, SBD9) is correct and I accept that the NRF may reject the Bid or act against me should these declarations prove to be false.			

	I confirm that I am duly authorised to sign this offer/ bid response.
NAME (PRINT)	
CAPACITY	
SIGNATURE	
Witness 1	
NAME	
SIGNATURE	
Witness 2	
NAME	

Annexure 1

BAC VXI(3) - Cooling Towers Model & Series



BAC VXI- Automatic Feed Chemical Equipment



BAC VXi- Piping, Strainer & Solenoid Valve



BAC FCT(4) – Open Cooling Towers Model & Series



BAC FCT - Automatic Feed Chemical Equipment



BAC FCT - Piping, Strainer & Solenoid Valve

