



iThemba LABS
 Laboratory for Accelerator Based Sciences

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REQUEST FOR QUOTATION

Supplier Name:

GOODS **SERVICE**

Request For Quotation Number:	iLABS/RFQ 2022/23:82
Date Issued:	28 June 2022
Description:	Appointment of Service Provider for the Water Conditioning/Treatment for LERIB Cooling Plant at iThemba LABS, Faure, Western Cape
Closing Date:	5 July 2022 (quotes must be sent via email only)
Closing Time:	11:00 am
Delivery Address:	iThemba LABS, ATT: SCM Department, Old Faure Road, Faure, 7131
Submit RFQ To:	scm3@tlabs.ac.za
Date Goods or Service Required:	As soon as possible
For More Information (Technical):	sbaard@tlabs.ac.za
For More Information (Supply Chain Management):	Scm3@tlabs.ac.za

THE FOLLOWING CONDITIONS WILL APPLY:

- **Where quotations / proposals are R 30 000.00 or more, preferential Procurement System Applicable: 80/20**
- Price(s) quoted must be valid for at **least sixty (30) days from date of your offer.**
- Price(s) quoted must be firm and must be inclusive of VAT.
- A firm delivery period must be indicated.
- **Submit your B - BBEE Certificate as accredited with SANAS or Sworn affidavit if you are claiming for Equity/ B - BBEE points, failing which, the B - BEEE claimed will be forfeited or zero points will be allocated.**
- Provide CSD Summary Report (www.csd.gov.za)
- The attached forms to be completed by the Bidder (where applicable):
 - SBD 4 – Declaration of Interest with Government
 - SBD 6.1 – Preference Points Claim (South African Companies Only)
 - SBD 6.2 – Declaration Certificate for Local Production and Content for Designated Sectors (where applicable).
- This request for formal quotation is subject to the Preferential Procurement Policy Framework Act and The Preferential Procurement Regulations, 2017, The General Conditions of Contract (GCC and, if applicable, any other special Conditions of Contract.

REGISTRATION ON THE CENTRAL SUPPLIER DATABASE (CSD):

The bidder must be on the National Treasury's Central Supplier Database in order to do business with the NRF and for the NRF to award a bid and sign the subsequent contract. Registration on the CSD (www.csd.gov.za) is compulsory and bids from unregistered bidders are not considered.

National Treasury Contact Details: +27 (0) 12 406 9222 or email csd.support@treasury.gov.za

SCHEDULE 1 - SPECIFICATION

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 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.

Introduction to the Business Unit responsible for this RFQ

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.

Evaluation Process

- Evaluation of proposals:

All proposals will be evaluated by Supply Chain Management 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.

- 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. If all bids received are more than R 1 000 000.00, the proposal will be cancelled and re-issued.

Supplier Response

Name of Supplier:	
Address of Supplier:	
Contact Person:	
Contact Tel:	
Email Address:	
CSD Supplier Number:	MAAA.....
Lead Time for delivery	
Currency:	ZAR
Payment terms:	30 days from the date of receiving invoice

Administrative Compliance Returnable Documents (M – Mandatory); (O – Optional)	Submitted	
Bidders Disclosure (SBD 4), signed and completed.	M	<input type="checkbox"/> Yes <input type="checkbox"/> No
Preference Points Claimed (SBD 6.1), signed and completed with BBBEE certificate or sworn affidavit (applicable for local bidders).	M	<input type="checkbox"/> Yes <input type="checkbox"/> No
(M – Mandatory); (O – Optional)	Submitted	
Pricing completed	M	<input type="checkbox"/> Yes <input type="checkbox"/> No

SPECIFICATIONS:

iThemba LABS requires;

Water Conditioning/Treatment for LERIB Cooling Plant

iThemba Labs require a pre-filtration step on the Municipal Mains make-up water line for their Chiller water plant. This will include a two-step filtration process from 20micron to down to 5micron filtration. Components require are listed in the Pre-filtration Table below.

PRE-FILTRATION		
Item	Description	Qty.
1	GLQ-25 Inlet 80 Mesh Y-filter	1
2	Big Blue 20" FHP2034SC 3/4" in/out housing, clear	2
3	String wound 2.5"x20", 20 micrometers (supplied in box of 9 cartridges)	9
4	string wound 2.5"x20", 5 micrometers (supplied in box of 9 cartridges)	9
5	WMB02 Wall Mounting Bracket for 2xBB	1
6	Labour building and installing	1

iThemba Labs require dosing equipment to regulate the addition of corrosion inhibitor to the cooling water system. Chemicals to be proportionally dosed to ensure that the correct concentration of Oxygen scavenger is available to inhibit active corrosion.

This system requires the installation of a pulsed water meter that will send a signal to the pulse converter to dose chemicals accordingly. It ensures that all fresh water which is added as make-up is treated accordingly, thereby reducing corrosion potential already from the make-up water line. Components required are listed in the Dosing system table below.

DOSING SYSTEM		
	Description	Qty.
7	Fiberglass Enclosure 500x500x300	1
8	SEKO PR4 dosing pump peristaltic chemical water treatment dispenser	2
9	1 Pole Circuit Breaker 10 Amps	3
10	2 Pole Circuit Breaker 16 Amps	1
11	Surface Mount DB (18) IP 65	1
12	PVC No. 0 Glands round, white	5
13	20 mm water meter with tails	1
14	2.5 mm Terminal UK 2.5B	2
15	I-Pulse Converter	1
16	SEKO 603 AKS Dosing pump	1
17	Labour building and installing	1
REQUIRED CHEMICALS		
	Description	Qty.
18	Steam E	1
19	Inhibit - N	1

Pricing Schedule

Supplier applicable	Specifications include Model if	Quantity	Price Per Unit (Incl. VAT)	Total (Incl. VAT)
1.	GLQ-25 Inlet 80 Mesh Y-filter	1		
2.	Big Blue 20" FHP2034SC 3/4" in/out housing, clear	2		
3.	String wound 2.5"x20", 20 micrometers (supplied in box of 9 cartridges)	9		
4.	string wound 2.5"x20", 5 micrometers (supplied in box of 9 cartridges)	9		
5.	WMB02 Wall Mounting Bracket for 2xBB	1		
6.	Pre-Filter Labour building and installing	1		
7.	Fiberglass Enclosure 500x500x300	1		
8.	SEKO PR4 dosing pump peristaltic chemical water treatment dispenser	2		
9.	1 Pole Circuit Breaker 10 Amps	3		
10.	2 Pole Circuit Breaker 16 Amps	1		
11.	Surface Mount DB (18) IP 65	1		
12.	PVC No. 0 Glands round, white	5		
13.	20 mm water meter with tails	1		
14.	2.5 mm Terminal UK 2.5B	2		
15.	I-Pulse Converter	1		
16.	SEKO 603 AKS Dosing pump	1		
17.	Dosing System Labour building and installing	1		
18.	Steam E	1		
19.	Inhibit – N	1		
20.	Delivery Charge to iThemba LABS	1		
TOTAL (VAT INCLUSIVE)				

STANDARD BIDDING DOCUMENT (SBD) 4

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

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

Full Name	Identity Number	Name of State institution

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.

2.2 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:

.....
.....

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

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

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.

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

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

.....
Signature Date
.....
Position Name of bidder

PREFERENCE POINTS 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:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTION	20

- 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

- Ps = Points scored for price of bid under consideration
 Pt = Price of bid under consideration
 Pmin = 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	
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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	
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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 last 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.

By signing this request for order form the supplier offers to supply the goods or service in respect of **RFQ and Description** of goods or services

_____, as described in this document.

Signature

Date

Print name: _____

On Behalf of the Supplier (duly authorized)



COMPANY STAMP

Note: It is advised that documents be returned in PDF