

REQUEST FOR QUOTATIONS

DESCRIPTION:	SUPPLY AND DELIVER MODULAR FIBRE SHELTER TO THE CAPE TOWN HOSTING PRECINCT AT ITHEMBA LABS CAMPUS, WESTERN CAPE		
RFQ NUMBER:	SARAO/RFQ/SHAO 1508/2023		
CLOSING DATE AND TIME:	Monday, 28 August 2023		
QUOTATIONS TO BE SUBMITTED TO:	anwuli@sarao.ac.za		
PRICE AND PREFERENCE POINTS SYSTEM:	80/20		
LOCATION:	iThemba LABS		
Enquiries relating to bidding procedures may be directed to:		Technical enquiries may be directed to:	
Contact person:	Anwuli Okecha	Contact person:	Thulani Fihlani
E- Mail address:	anwuli@sarao.ac.za	E- Mail address:	tfihlani@sarao.ac.za
Telephone No:	021 506 7300	Telephone No:	021 506 7300

SUPPLIER INFORMATION

Name of Bidder Name:

Street Address:

Telephone Number:

Code

Number

Cell Phone Number:

Code

Number

Facsimile Number:

Code

Number

E-Mail Address:

VAT Registration Number:

Tax
Compliance
Status

Tax
Compliance
System PIN

OR

Central Supplier
Database No.

MAAA

B-BBEE Status
Level Verification
Certificate

Tick Applicable Box.
☐ Yes ☐ No

B-BBEE Status
Level Sworn
Affidavit

Tick Applicable Box.
☐ Yes ☐ No

[A B-BBEE status level verification certificate/sworn affidavit (for EMEs & QSEs) must be submitted in order to qualify for preference points for B-BBEE – also refer to the SBD 6.1]

Are you the accredited
representative in South
Africa for the
goods/services/works
offered?

☐ Yes
☐ No
[If yes
enclose
proof]

Are you a foreign-
based supplier for
the
goods/services/work
s offered?

☐ Yes ☐ No
[If yes, answer the
questionnaire below]

Is the entity a resident of the Republic of South Africa (RSA)?

☐ Yes ☐ No

Does the entity have a branch in the RSA?

☐ Yes ☐ No

Does the entity have a permanent establishment in the RSA?

☐ Yes ☐ No

Does the entity have any source of income in the RSA?

☐ Yes ☐ No

Is the entity liable in the RSA for any form of taxation?

☐ Yes ☐ No

If the answer is "No" to all of the above, then it is not a requirement to register for a tax compliance status system pin code from the South African Revenue Service (SARS).

1. INTRODUCTION TO SARAO

The South African Radio Astronomy Observatory (SARAO, formerly in part SKA SA) is a business unit of the National Research Foundation (NRF), and houses and operates South Africa's national radio telescope shared facilities, including the MeerKAT, KAT-7, and Hartebeesthoek 26-m radio telescopes.

As a SKAO Treaty Organisation member of the international effort to build the Square Kilometre Array (SKA), which will be the world's largest radio telescope, South Africa (through the NRF's business units) is responsible for the construction and operation of the MeerKAT precursor telescope, for hosting the SKA Mid Frequency telescope, and for implementation of the African VLBI Network.

As part of its agreement to host the SKA_MID part of the project, SARAO has agreed to provide the Science Processing Centre (SPC), which will include all the facilities required to house the computing hardware for the SKA1_MID Central Signal Processing (CSP), Science Data Processing (SDP), the SOC and new SARAO Headquarters, which forms part of the SKA_MID telescope. The SOC and new SARAO Headquarters will collectively be referred to as the Cape Town Operations Centre (CTOC), and the SPC and SRC will collectively be referred to as the High-Performance Computing Building (HPCB). The Cape Town Operations Centre (CTOC) and High-Performance Computing Building (HPCB) will form part of the Cape Town Hosting Infrastructure System (CTHIS) facilities.

SARAO has entered into a Co-Location Agreement (Co-LA) with iThemba LABS (a business unit of the National Research Foundation) to facilitate the establishment of the CTHIS at iThemba LABS in Cape Town.

SARAO has identified a requirement to provide a 3 x 3 m fibre shelter on the property to provide a secure location to terminate the long-haul dark fibre as well as to splice in connections to the SANReN fibre network infrastructure.

2. SUPPLY SPECIFICATIONS

SARAO requires a competent company to supply and deliver a 3 x 3 m fibre shelter on the property at iThemba LABS to provide a secure location to terminate the long-haul dark fibre as well as to splice in connections to the SANReN fibre network infrastructure for the CTHIS designated site. Refer to attached [\[iThemba Fibre Shelter draft 20230214 \(1\)\]](#) design and schematic drawings for detailed dimensions and required components of the Fibre Shelter.

Deliverables/ Requirements

The scope of work for this category may include, but is not necessarily limited to, the following components as listed below:

Fibre Shelter:

- (i) Manufacture, deliver and erect a 2.5m(w) x 3.0m(l) x 2.9m(h) powder coated composite aluminium container to be used as fibre shelter, with a lockable door.
- (ii) Container floor covering to be composed of aluminium treated plate covered with rubber interlocking floor tiles with slip resistant finish.
- (iii) Design, supply and install a 3.5m(w) x 4.0m(l) x 400mm(h) AGL minimum cast in-situ concrete plinth, including bending schedule.
- (iv) Sufficient stand-off supports for the container.
- (v) Supply and install a 2m high see-through security fence around the fibre shelter, including a lockable access gate.
- (vi) Supply and install 1x standard APC 42U [APC, PDU is APC AP7554] Rack [600mm(w) x 1991mm(h) x 1070mm (d)] with IEC60309 16A commando plug lead; 1U high patch panel top of rack, with 24 LC ports with enough depth for fibre management and splice trays; front and back lockable mesh doors.
- (vii) Supply and install a fold-down 600mm x 400mm Desk.
- (viii) Supply and install a vertical cable rack.
- (ix) Supply and install overhead racking for
 - (a) AC power distribution to the racks, and
 - (b) Optical cable and patch lead interconnection between racks.
- (x) Supply and install Electrical DB complete with reticulation; 15A wall socket; IEC60309 16A commando plug lead; ED/DC Emergency Light, LED Light; External Generator AC Plug; Station Earth Bar.
- (xi) Supply and install 1x 12000 BTU Mid-wall split air condition unit (complete with RCU).
- (xii) Supply and install 1x fire extinguisher and signage.
- (xiii) Supply and install 110mm fibre ducts to the nearest manhole.
- (xiv) Supply and install 2 x 4ft linear light fighting interactive 22W neutral white, complete with built-in control gear and minimum 2100 lumens. Colour 4000K. 50 000 operating hours.

Timelines

The commencement date will be 7 days after the issue of purchase order and the contract award of the successful bidder. The Fibre Shelter and all components are required to be delivered and commissioned on /before the 31st October 2023.

Delivery format

All responses to the RFQ shall be provided to SARAO in electronic format to (anwuli@sarao.ac.za) on the closing date, Monday, 28 August 2023.

On successful award of the contract, all reports shall be provided to SARAO in electronic format to (tfihlani@sarao.ca.za) during project execution phase.

3. EVALUATION PROCESS

The RFQ will be evaluated in the following three phases:

Phase 1:	Administrative compliance / submission of all returnable documents and completion of all returnable schedules
Phase 2:	Compliance with functionality criteria
Phase 3:	Price and BBBEE evaluation

Phase 1 – Administrative Compliance

All returnable documents marked “Mandatory”, must be completed and submitted by bidders in order to proceed to be evaluated further in Phase 2.

Bidding Form / Returnable document	Measurement methodology	Mandatory / Optional
SBD 1 - Invitation to Bid	Has the bidder completed and signed the SBD 1 form?	Mandatory
SBD 3 - Pricing Schedule	Has the bidder completed the pricing schedule and/or attached a detailed pricing schedule/quotation?	Mandatory
SBD 4 – Bidder’s Disclosure	Has the bidder completed and signed the SBD 4 form?	Mandatory
SBD 6.1 - Preference points claimed	Has the bidder completed and signed the SBD 6.1 form?	Mandatory
Original/certified BBBEE certificate, or sworn affidavit, if bidder is an EME or QSE	Has the bidder claimed preference points, and submitted its BBBEE certificate or sworn affidavit in support?	Mandatory (if points are claimed for ‘specific goals’)
CSD supplier number	Is the bidder registered with CSD?	Mandatory

Phase 2 – Functionality Criteria

Service providers must meet the functionality requirements listed below. Service providers that fail to achieve a “GO” for each functionality requirement will not be considered for further evaluation.

No.	Functionality requirement	How this will be evaluated	GO / NO GO
1.	<ul style="list-style-type: none">Submit a list of at least 3 clients (with contact details) for whom similar works have been done within the last 3 years	<ul style="list-style-type: none">The list must include a description of project undertaken, recent contactable telephone numbers and email address verifiable on company letterhead. NB - (Similar = Modular Container supply)	
2.	<ul style="list-style-type: none">Bidder must submit completion certificates of previous, similar projects undertaken, OR client reference letters	<ul style="list-style-type: none">Submit completion certificates or reference letters	
3.	<ul style="list-style-type: none">Company profile clearly showing the company's core activities. The profile must highlight the expertise of the bidder in the manufacture and supply of Modular Containers	<ul style="list-style-type: none">Submit company profile	
4.	<ul style="list-style-type: none">Bidder must provide evidence of the professional experience and academic qualifications of the personnel that will be assigned to this project	<ul style="list-style-type: none">Submit CVs of core personnel to be deployed to the project.	
5.	<ul style="list-style-type: none">Project works programme	<ul style="list-style-type: none">Submit activities timelines schedule.	

Phase 3 – Price and Specific Goals Scoring

Submissions will be evaluated on the 80/20 price and preference points system, where 80 points is allocated to price and 20 points for specific goals (BBEE level will represent specific goals).

4. PRICING SCHEDULE – PURCHASES (SBD 3.1)

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

OFFER TO BE VALID FOR 30 DAYS FROM THE CLOSING DATE OF BID.

Respondents are requested to complete the pricing schedule below in response to this Scope of Work. If the respondent feels there are any additional items that should be priced but were not included as part of the original scope of work, please include them in a separate pricing schedule.

Labour rates must be included in cost per line item below.

No.	Description	Unit	Qty	Rate	Cost excl. vat
1.	Supply Fibre Shelter Drop-Down Unit (DDU) complete all racks, electrical reticulation and fixed/lose equipment, incl.: i. Sufficient Stand-off supports for the container ii. Standard APC 42U (APC, PDU is APC AP7554) Rack iii. Fold-down 600mm x 400mm Desk iv. Electrical DB complete with reticulation, 15A wall socket, ED/DC Emergency Light, LED Lights; External Generator AC Plug; Station Earth Bar v. Vertical cable Rack vi. Fire Extinguisher and signage vii. 110mm Fibre ducts to the nearest manhole	Item	1		
2.	Design, Supply and install a 3.5m(w) x 4.0m(l) x 400mm(h) AGL minimum cast concrete plinth	Item	1		
3.	Supply and install 12000BTU mid-wall AC unit	Item	1		
4.	Supply and install 2m high see-thru security fence complete with lockable gate	Item	1		
5.	Disbursements: (all-inclusive travel cost, travel time,	Item	1		

	accommodation, printing, copying, transport of shelter and equipment, testing equipment, Lab tests, PPE, etc.):				
6.	Other related cost:	Item	1		
SUB-TOTAL					
PLUS 15% VAT					
GRAND TOTAL (INCL. VAT)					

5. BIDDING CONDITIONS FOR THIS RFQ

The following conditions will apply to this request for quotations:

- 1) Price(s) quoted must be valid for at least (30) days from date of your offer.
- 2) Price(s) quoted must be firm and must be inclusive of VAT, if applicable.
- 3) **No award will be made to a service provider who is not registered on CSD.** To register <https://secure.csd.gov.za/>.
- 4) Quotations equal or above R 10 000 (VAT included) must be accompanied by the relevant SBD documentation as per section 3 of this document for Quotations duly completed.
- 5) The successful provider will be the one scoring the highest points in the event of the lowest bid being higher than R30 000.00.
- 6) For goods/ services below R 30 000 the successful bidder will be one with cheapest acceptable quotation.
- 7) SARAO reserves the right to withdraw any invitation to quote and/or to re-advertise or to accept a part of it. SARAO does not bind itself to accepting the lowest quotation.
- 8) This request for quotations is subject to the Preferential Procurement Policy Framework Act, 2000, the Preferential Procurement Regulations, 2017, the National Treasury General Conditions of Contract (GCC) and, if applicable, any other special conditions of contract.
- 9) Payment terms are as less than 30 days from date of receipt and acceptance of invoice and when goods have been delivered.

SBD 4 BIDDER'S DISCLOSURE

1.	PURPOSE OF THE FORM		
1.1	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 employed by the procuring entity?		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

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.

2.3.1	If so, furnish particulars:
3.	DECLARATION
<p>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 -</p>	
3.1	I have read and 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.
3.5	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.
CERTIFICATION	

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 MY 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.

.....
Date

.....
Signature

.....
Position

.....
Name of Bidder

SBD 6.1 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 The applicable preference point system for this tender is the 80/20 preference point system.
- 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 The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	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:

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

80/20 or 90/10

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

Table 1: Specific goals for the tender and points claimed are indicated per the table below and is based on B-BBEE Status Level of Contribution of the Bidder.

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

B-BBEE Status Level of Contribution	Number of points allocated (80/20 system) (between R2 000 and R50 000 000)	Number of points claimed (80/20 system) (To be completed by the tenderer)
1	20	
2	18	
3	14	
4	12	
5	8	
6	6	
7	4	
8	2	

Non-compliant contributor	0	
---------------------------	---	--

DECLARATION WITH REGARD TO COMPANY/FIRM

4.1. Name _____ of
company/firm.....

4.2. Company _____ registration _____ number: _____
.....

4.3. TYPE OF COMPANY/ FIRM

<input type="checkbox"/> Partnership/Joint Consortium	<input type="checkbox"/> Personal Liability Company
<input type="checkbox"/> One-person business/sole propriety	<input type="checkbox"/> (Pty) Limited
<input type="checkbox"/> Close corporation	<input type="checkbox"/> Non-Profit Company
<input type="checkbox"/> Public Company	<input type="checkbox"/> State Owned Company

[TICK APPLICABLE BOX]

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

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and

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

<div><div>.....</div><div>SIGNATURE(S) OF TENDERER(S)</div><div>SURNAME AND NAME:</div><div>DATE:</div><div>ADDRESS:</div></div>

GENERAL CONDITIONS OF CONTRACT

The National Treasury General Conditions of Contract shall govern the contractual relationship between SARAO and the successful bidder. The contract is not attached, however is accessible on SARAO's website - <http://www.sarao.ac.za/tenders/procurement-documents>

BID SIGNATURE (SBD 1)

I, the bidder, warrant by signature as having read and accepted each page in this document including any annexures attached to this document. I undertake to supply all or any of the goods, works, and services described in this procurement invitation to SSARAO in accordance with the requirements and specifications stipulated in this bid document at the price/s quoted. I confirm that I have satisfied myself as to the correctness and validity of my offer/bid in response to this invitation, covering all my obligations and I accept that any mistakes regarding price(s), rate(s), and calculations are at my own risk. My offer remains binding upon me and open for acceptance by SARAO during the validity period indicated and calculated from the closing time of bid invitation. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me in terms of this document as the principal liable for the due fulfilment of the subsequent contract conditions if awarded to me.

I declare that during the bidding period did not have access to any NRF proprietary information or any other matter that may have unfairly placed our bid in a preferential position in relation to any of the other bidder(s).

I confirm that I am duly authorised to sign this offer/ bid response.

NB: Failure to provide / or comply with any of the above particulars may render the bid invalid.

Signature of bidder: