



INVITATION TO BID

SUPPLY AND DELIVERY OF DATA STORAGE NODES

Bidder Name:	
Number:	NRF SARAO SCSA 003 2019
Closing Date Closing Time:	20 March 2020 at 11:00 am
Compulsory Briefing Session: Venue: Address:	Not applicable
Confirmation of attendance?	
Bid documents collected from:	SARAO website, Government Gazette, National Treasury's E-Tender Portal, and NRF website
Bid Box Address	SARAO Offices, 2 Fir street, Old Times Media Building, Black River Park, North Entrance, Observatory, 7925 GPS coordinates: 33°55'58.9-"S; 18°28'14.8-"E Tender box opening hours: 08h00-16h00 on weekdays Dimensions of tender box opening: 40X300mm
Envelope Addressing	On the face of each envelope, enter the Bid Number and bid description, bidder's name, postal address, contact name, telephone number and email address

TABLE OF CONTENTS

INTRODUCTION	3
INTRODUCTION TO THE NRF	3
INTRODUCTION TO THE BUSINESS UNIT	3
CONTEXT OF THIS PROCUREMENT NEED	3
PRE-QUALIFICATION ELIGIBILITY CRITERIA	3
PART A - CONTRACT	4
EQUIPMENT AND SERVICE SPECIFICATION	4
CONTRACT PERIOD	12
THE BIDDER SELECTION PROCESS	12
EVALUATION OF BIDDER'S ABILITY TO DELIVER	16
BIDDER NEEDS TO KNOW	16
PART B – PRICING	24
PRICING CONDITIONS OF CONTRACT FOR THIS BID	24
BID PRICE SCHEDULE (SBD 3.2)	25
PART C - RETURNS	26
INVITATION TO BID (SBD 1)	26
SUPPLIER INFORMATION	26
BID SUBMISSION	27
TAX COMPLIANCE REQUIREMENTS	27
SBD 4 - DECLARATION OF INTEREST WITH GOVERNMENT	28
SBD 6.1 - PREFERENCE POINTS CLAIMED	29
SBD 8 - DECLARATION OF BIDDER'S PAST SCM PRACTICES	32
SBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION	33
REFERENCE LETTER FORMAT FOR BIDDER	34
ANNEXURES – ATTACHED AT END OF DOCUMENT	35
BID SIGNATURE (SBD 1)	35

INTRODUCTION

INTRODUCTION TO THE NRF

The National Research Foundation Act, Act 19 of 2018, establishes the National Research Foundation (“NRF”) as the juristic legal entity that will contract with the awarded bidder. The NRF supports and promotes research and human capital development through funding, the provision of National Research Facilities and science outreach platforms and programmes to the broader community in all fields of science and technology, including natural science, engineering, social science and humanities. Please visit the NRF website (<https://www.nrf.ac.za>) for more information.

INTRODUCTION TO THE BUSINESS UNIT

The South African Radio Astronomy Observatory (SARAO) is a National Facility of the National Research Foundation (NRF) housing and operating South Africa’s national radio telescope shared facilities including such as the MeerKAT and KAT-7 telescopes in the Karoo in the Northern Cape, the Hartebeesthoek Radio Astronomy Observatory (HartRAO) in Gauteng, the African Very Long Baseline Interferometry (AVN) programme in nine African countries. SARAO manages the associated human capital development and commercialisation endeavours of government’s investment in astronomy. SARAO has offices based in Johannesburg and Cape Town, as well as the radio-protected SKA host site in the Karoo, 90km from Carnarvon in the Northern Cape, which hosts the Square Kilometre Array mid-frequency telescopes, MeerKAT, and KAT-7 radio telescope installations, as well as a number of guest instruments, including the HERA telescope. Further information about SARAO can be found on www.ska.ac.za and www.nrf.ac.za.

CONTEXT OF THIS PROCUREMENT NEED

SARAO Science Data Processing (SDP) operates a storage system to archive Astronomy products of the various telescopes operated by SARAO. The storage system is located at the CHPC in Rosebank, Cape Town. The storage system runs Ceph, an open-source distributed storage software. The contracted bidder is required to deliver servers to increase the storage systems raw capacity by 1PB.

PRE-QUALIFICATION ELIGIBILITY CRITERIA

SMME B-BBEE REQUIREMENT

1. Minimum status B-BBEE level required	4
---	---

A bidder failing to meet any of the stipulated pre-qualifying criteria is automatically disqualified.

PART A - CONTRACT

EQUIPMENT AND SERVICE SPECIFICATION

1 Storage system

- 1.1 The supplied system must provide a minimum of 1PB (A petabyte (PB) is 10^{15} bytes of data) of raw capacity for storage of data.
- 1.2 The supplied system must consist of six or more storage nodes.
- 1.3 A density of at least 10 Large Form Factor (LFF) (3.5" Hard-drive) per 1U (server rack unit) is required.

2 Networking

- 2.1 Each storage node at a minimum should have a 1GbE (1000BASE-T) and 25GbE (SFP28) connector, for Operations, Administration and Management (OAM) and data transfer (storage-network) respectively.
- 2.2 Separate 1GbE (1000BASE-T) interface for Out-Of-Band Management (OOBM).
- 2.3 Storage nodes will connect to SFP28 ports on a Mellanox SN2410 (the storage-network), via Mellanox optical or copper 25GbE cables.
- 2.4 Storage node must have a Mellanox ConnectX4-LX EN, or equivalent, network interface controller card, for access to storage-network.
- 2.5 Storage nodes require Preboot Execution Environment (PXE) capabilities on the OAM network.
- 2.6 The bidder must provide data sheets detailing how they meet these minimum requirements, for evaluation purposes.

3 Storage drives

- 3.1 10TB or bigger storage drives.
- 3.2 Storage drives shall not use Shingled recording technology, e.g. Shingled Magnetic Recording (SMR) is not accepted.
- 3.3 Drive cache 256MB or more.
- 3.4 Drive speed 7200RPM or more.
- 3.5 Sustained transfer rate of greater than 200MB/s per drive.
- 3.6 Drives not in Redundant Array of Inexpensive Disks (RAID), if storage drives are connected to RAID controller drive should be in passthrough.
- 3.7 The bidder must provide data sheets and, if available, speed tests, detailing how they meet these minimum requirements for evaluation purposes.

4 Storage Node

- 4.1 Storage node requires 4GB of system memory (RAM) for every storage drive and an additional 8GB for the host Operating System (OS). Error-correcting code (ECC) memory is preferred.
- 4.2 Storage node requires 1 hyper thread at 2GHz for every storage drive. Where 1 Central Processing Unit (CPU) core has two or more hyper threads. $T \times f \div d \geq 2Ghz$ Where T

is the number of threads, f is the CPU base clock, and d is the number of storage drives in the node.

4.3 Storage node requires a separate 100GB or bigger solid state drive for the OS.

5 Racking for storage units

5.1 The storage nodes will be installed into six existing APC NetShelter 19" AR3100 racks, EIA 19" mounting space.

5.2 Each storage node shall have a slide out rail kit compatible with a 4 post 19" rack.

5.3 The total space available to storage nodes is 12U total (2U per rack over six racks).

5.4 The bidder must provide data sheets detailing how they meet these minimum requirements for evaluation purposes.

6 Out of band management

6.1 Each storage node should have an OOBM module, e.g. BMC, iDrac, ILOM etc.

6.2 OOBM shall have IPMI capabilities.

6.3 OOBM shall have Redfish capabilities.

6.4 OOBM shall have remote console capabilities.

6.5 OOBM shall have power management capabilities, via Intelligent Platform Management Interface (IPMI).

6.6 OOBM shall have firmware update capabilities. Including licencing to update OOBM, BIOS and other system firmware.

7 Cables

7.1 The bidder to supply power cables from storage nodes to Power Distribution Unit (PDU), each PDU has more than eight IEC 320 C13 sockets available. Preferred length 1 meter.

8 General specifications

8.1 All equipment shall be compatible with a 220 V, 50 Hz power supply.

8.2 All equipment operates as a minimum in the operational temperature range of 5 to 40 C.

8.3 The bidder provides data sheets for evaluation purposes.

9 Installation and configuration service

9.1 No installation is required.

9.2 No operating system required.

9.3 Storage nodes must be compatible with Ubuntu 18.04.

9.4 Custom storage software will be supplied and installed by SARAO on the storage nodes.

10 Support service

10.1 The appointed bidder warrants that it shall deliver 3-year, 9 hours x 5 days next day business response and service on-site for the storage nodes.

10.2 Where service requests are logged, the appointed bidder must advise SARAO of the status daily and the appointed bidder shall request confirmation from SARAO to close the call unless where SARAO has not responded to three requests to close the call, the appointed bidder shall close the call.

10.3 A statement that the bidder guarantees that parts and their upgrades/replacements, where this may occur, will be available for all hardware for swap out maintaining the

agreed output performance for the duration of the contract.

- 10.4 The supplier must be an authorized reseller, supplier, Original Equipment Manufacturer (OEM), or Original Design Manufacturer (ODM).

11 Supplier Relationship Management

- 11.1 The appointed bidder must make available any or all of the notifications and information pertaining to the equipment to SARAO, allowing for proactive management of the storage nodes.
- 11.2 SARAO, upon agreement, shall confirm the negotiated pricing and delivery dates through the issue of a written purchase order that specifies this contract number, the purchase order number, delivery date, description, and unit price.

12 Delivery service

- 12.1 Procured items must be delivered within the period stipulated on the issued purchase order by the appointed bidder with the maximum allowable period being within 30 days from the delivery date stated in the purchase order.

13 Packing

- 13.1 The appointed bidder must have the items securely packaged to protect the contents from physical damage during transportation.

14 Delivery and documentation

- 14.1 Point of delivery and service is at the CHPC (CSIR Campus, 15 Lower Hope St., Rosebank, Cape Town, South Africa).
- 14.2 All items must be delivered with an original delivery note, original invoice, and instruction/service manual (where applicable).
- 14.3 The contracted bidder shall provide a minimum of the following documentation per each equipment delivered to site, in hard copy and in pdf format:
- 14.3.1 Certificate of Conformance
 - 14.3.2 Packing list
- 14.4 All documentation must quote the contract number and purchase order number.

15 Insurance

- 15.1 The appointed bidder must carry insurance of at least 3% of the contract value or R 2 million for public liability, product liability, and professional indemnity whichever is greater.

16 Transportation

- 16.1 Transfer of ownership shall be to the CHPC site in Cape Town.
- 16.2 The appointed bidder must include the transport cost in the total cost of the order.

17 Incidentals

- 17.1 The incidentals to this contract include as a minimum, servers, storage capacity, and component upgrades/replacements where applicable.

18 Validity of instructions

- 18.1 SARAO instructions are valid where it is confirmed through the issue of a written purchase order that specifies the quantity, description, unit price, delivery date, contract number, and purchase order as a minimum.

19 Contract manager

- 19.1 Once appointed, the successful bidder must provide the name and contact details of their contract manager to SARAO.
- 19.2 SARAO's contract manager is:
 - 19.2.1 Jeremy Main (jmain@ska.ac.za)
 - 19.2.2 Contact details will be provided to the appointed bidder.
- 19.3 Where either party changes their contract manager, they must advise the other party within 5 working days.
- 19.4 The appointed bidder at all times receives instructions from the SARAO's contract manager.

20 Payment

- 20.1 SARAO shall make payment within 30 days of receipt of an original invoice from the appointed bidder, together with signed delivery performance documentation from SARAO's contract manager, and a copy of the purchase order issued in terms of the contract.
- 20.2 All documentation must state the contract number, the purchase order number, and detailed line items as specified in the purchase order.
- 20.3 It is in the interests of the appointed bidder to adhere to these to receive prompt payment. Any losses incurred through exchange rate variations or interest charged on late payment will be charged to the appointed bidder where these costs arose from non-adherence to the above.

21 Ethical requirements

- 21.1 The appointed bidder has no interests with the NRF, clean past SCM practises, and has determined its bid independently from others as reflected on its submitted SBD 1, SBD 4, SBD 8, and SBD 9

22 Managing service levels

- 22.1 Upon appointment, the appointed bidder and SARAO's contract manager shall review the initial service levels as set out in this document in order to support contract delivery.
- 22.2 Both parties agree on the final set of service levels, including measurable key performance indicators with minimum thresholds in writing which is appended to this contract document.
- 22.3 Where both parties agree to variation of these service levels, both parties will meet and agree on the revised service levels in writing which revisions shall be appended to this contract document.
- 22.4 The agreed service level document shall state the agreed service levels, date effective from, performance penalties, and any matter forming part of such service levels.
- 22.5 The appointed bidder and SARAO's contract manager shall measure delivered performance against the service levels as agreed in accordance with this document.
- 22.6 SARAO, through the signed contract, guarantees its procurement in terms of this contract from the appointed bidder only where the appointed bidder meets or exceeds the contractual performance levels.
- 22.7 Management of poor performance:

- 22.7.1 Where either party has identified poor performance under this contract, both parties will meet and investigate the matter to determine the root cause.
- 22.7.2 Both parties will agree to a correction plan and will implement it.
- 22.7.3 Both parties will monitor the corrective actions to ensure service levels are at the agreed minimum.
- 22.7.4 Both parties will assess the applicability of penalties to the incurred poor performance and apply these,
- 22.7.5 The service performance levels are:

Performance being measured	Measurement	Penalty trigger level
Delivery of the specified goods	Both parties jointly check and confirm specifications are met. Entire system should be delivered simultaneously.	Items outside of specification will be rejected and correct items to be re-delivered at the cost of the supplier.
Timeous delivery	Delivery delay exceeding 30 working days from the agreed-upon delivery date.	5% of invoice value.

23 Communication

23.1 The contracted parties shall communicate in writing by way of physical or electronic correspondence. The contracted parties shall state the contract number and purchase order number, if the latter is applicable, on all communication documentation. The contract parties shall not act upon any communication without the contract number, or must verify such communication with SARAO’s contract manager prior to acting upon it.

24 Subcontract

24.1 Any subcontract to another party must comply with the requirements of the Preferential Procurement Policy Framework Act and its regulations.

25 Termination for default

25.1 In the event of the non-performance as per the agreed contract, the NRF will appoint an alternative third party at the cost of the appointed bidder. The defaulting third party is obliged to settle the damages/additional costs that the NRF and its business units have incurred as a result of their non-performance. The defaulting third party with the replacement third party will set up a handover process that ensures continuity of service to the NRF.

26 Performance security

26.1 No performance security is required.

27 Occupational Health and Safety when working on NRF sites:

- 27.1 All personnel performing work on NRF site/s as part of this contract must undergo a safety induction.
- 27.2 Over and above the obligations provided by the Occupational Health and Safety Act

(OHS Act No 85 of 1993 and its Regulations, known as 'the Act'), the appointed bidder meets with all relevant health and safety instructions as given to them by site safety personnel, where relevant. Personal protection equipment including closed safety shoes, hard hats, height safety equipment, and high visibility vests are worn at all times while on the worksite. All personnel are to obey the relevant instructions, including signage, related to restricted access and speed limits on all sites.

- 27.3 The appointed bidder, once signing the contract (SBD 7 and the NRF's Section 37.2 agreement), is responsible for itself, its employees, and those people affected by its operations in terms of the Act the regulations promulgated in terms thereof. The appointed bidder performs all work and uses equipment on-site complying with the provisions of the Act.
- 27.4 To this end, the appointed bidder shall make available to the NRF on the valid Letter of Good Standing in terms of the COID Act and ensures its validity does not expire while executing this bid, where applicable. The appointed bidder furnishes its registration number with the office of the Compensation Commissioner.
- 27.5 The appointed bidder maintains a health and safety plan complying with the requirements of the Act at the work site during the period that contracted work takes place on the site.
- 27.6 The NRF manages the appointed bidder in his capacity for the execution of this contract to meet the provisions of the said Act and the regulations promulgated in terms thereof. The appointed bidder accepts liability for any contraventions to the Act. Each member of the appointed bidder's team (including sub-contracted personnel), submit a signed indemnity form prior to entering the worksite and kept in the appointed bidder's health and safety file.

28 Copyright and Intellectual Property

- 28.1 **Intellectual property** refers to creations of the mind, such as inventions; literary and artistic works; designs; and symbols, names, images used in commerce; and includes copyright (a legal term describing the rights that creators have over their literary and artistic works including books, music, paintings, sculpture and films, to computer programs, databases, advertisements, maps and technical drawings); trademark (a legal term describing a sign capable of distinguishing the goods or services of one enterprise from those of other enterprises); and patents (a legal terms describing an exclusive right granted for an invention providing the patent owner with the right to decide how - or whether - the invention can be used by others).
- 28.2 **Background intellectual property** is defined as the intellectual property pertaining to this contract and created and owned by any of the contracted parties to this contract prior to the effective date of this contract.
- 28.3 **Contract intellectual property** is defined as intellectual property created by the parties to this contract for and in the execution of the contract.
- 28.4 All background intellectual property (existing prior to this contract) invests in and remains the sole property of the contracted parties to this contract. Both parties disclose openly such intellectual property ownership to the parties in writing at the commencement of this contract.
- 28.5 The contracted party grants the National Research Foundation a fully paid up,

irrevocable, and non-exclusive licence to use its background intellectual property for the exploitation of this contract to enable the National Research Foundation to obtain the full benefit of the contracted deliverables for this contract.

- 28.6 The parties agree that all right, title, and interest in contract intellectual property created during the execution of this contract invests with the National Research Foundation unless where agreed in writing to a different allocation of the ownership of the contract intellectual property with such allocation being an addendums to this contract.
- 28.7 Both parties to this contract shall keep the intellectual property created during this contract confidential and shall fulfil its confidentiality obligations as set out in this document.
- 28.8 The contracted party agrees to assist the National Research Foundation in obtaining statutory protection for the contract intellectual property at the expense of the National Research Foundation wherever the National Research Foundation may choose to obtain such statutory protection.
- 28.9 The contracted party shall procure where necessary the signatures of its personnel for the assignment of its respective contract intellectual property to the National Research Foundation or as the National Research Foundation may direct, and to support the National Research Foundation or its nominee, in the prosecution and enforcement thereof in any country in the world.
- 28.10 The contracted party irrevocably appoints the National Research Foundation to be its true and lawful agent in its own name, to do such acts, deeds, and things and to execute deeds, documents, and forms that the National Research Foundation in its discretion requires in order to give effect to the terms of this clause.

29 Confidentiality

- 29.1 The recipient of confidential information shall be careful and diligent as not to cause any unauthorised disclosure or use of the confidential information, in particular, during its involvement with the National Research Foundation and after the termination of its involvement with the National Research Foundation, the recipient shall not:
- 29.1.1 Disclose the confidential information, directly or indirectly, to any person or entity, without the National Research Foundation's prior written consent.
- 29.1.2 Use, exploit or in any other manner whatsoever apply the confidential information for any other purpose whatsoever, other than for the execution of the contract and the delivery of the deliverables or
- 29.1.3 Copy, reproduce or otherwise publish confidentiality information except as strictly required for the execution of the contract.
- 29.2 The recipient shall ensure that any employees, agents, directors, contractors, service providers, and associates which may gain access to the confidential information are bound by an agreement with the recipient both during the term of their associations with the recipient and after termination of their respective associations with the recipient, do not -
- 29.2.1 Disclose the confidential information to any third party, or
- 29.2.2 Use the confidential information otherwise than as may be strictly necessary for the execution of the contract,
- 29.2.3 The recipient shall take all such steps as may be reasonably necessary to

prevent the confidential information from falling into the hands of any unauthorised third party.

29.3 The undertakings set out in this clause shall not apply to confidential information, which the recipient is able to prove:

29.3.1 Was independently developed by the recipient prior to its involvement with the National Research Foundation or in the possession of the recipient prior to its involvement with the National Research Foundation;

29.3.2 Is now or hereafter comes into the public domain other than by breach of this contract by the recipient;

29.3.3 Was lawfully received by the recipient from a third party acting in good faith have a right of further disclosure and who do not derive the same directly or indirectly from the National Research Foundation, or

29.3.4 Required by law to be disclosed by the recipient, but only to the extent of such order and the recipient shall inform the National Research Foundation of such requirement prior to any disclosure.

29.4 The recipient shall within one (1) month of receipt of a written request from the NRF to do so, return to the National Research Foundation all material embodiments, whether in documentary or electronic form, of the confidential information including but not limited to:

29.4.1 All written disclosures received from the NRF;

29.4.2 All written transcripts of confidential information disclosed verbally by the National Research Foundation; and

29.4.3 All material embodiments of the contract intellectual property.

29.5 The recipient acknowledges that the confidential information made available solely for the execution of the contract and for no other purpose whatsoever and that the confidential information would not have been made available to the recipient, but for the obligations of confidentiality agreed to herein

29.6 Except as expressly herein provided, this contract shall not be construed as granting or confirming, either expressly or impliedly any rights, licences or relationships by the furnishing of confidential information by either party pursuant to this contract.

29.7 The recipient acknowledges that the unauthorised disclosure of confidential information may cause harm to the NRF. The recipient agrees that, in the event of a breach or threatened breach of confidentiality, the NRF is entitled to seek injunctive relief or specific performance, in order to obtain immediate remedies. Any such remedy shall be in addition to and not in lieu of any other remedies available at law, including monetary damages.

30 Protection of Private Information

30.1 The third-party hereby gives the NRF permission, in terms of the Protection of Private Information Act 4 of 2013, to process, collect, receive, record, organise, collate, store, update, modify, retrieve, alter, consult, use, disseminate, distribute, merge, link, erase or destroy personal information received. By submitting a bid, the third party gives its voluntary explicit consent to the terms of this special condition.

31 Original bid documents for the contract signing

31.1 Bidders must submit the specified original bid documents (including the bidder's response to the specification and the bidder's pricing) in hard copy format (paper document) to the NRF. This serves as the original master set annexed to the mandatory SBD 7 contract signing form creating the legal contract between the appointed bidder and the NRF. The master set remains at the NRF and has precedence over any other copies in the case of any discrepancies within the other sets of documents. The bidders attach the originals or certified copies of any certificates stipulated in this document to these original sets of bid documents. The signed legal contract constitutes the closure of the competitive bid/tender/request for quotation process and sets out each party's obligations for executing the contract.

CONTRACT PERIOD

Once off delivery with warranty, as specified.

THE BIDDER SELECTION PROCESS

Stage 1 – Verification of the ability of a bidder to provide the services in accordance with specifications and conditions as set out in the bid documents.

Compliance to submission requirements

Bidders warrant that they can provide the goods and/or services in accordance with the specifications and conditions set out in this bid document. Bidders warrant that their bid document has as a minimum the specified documents required to verify their ability to deliver the specifications and conditions as set out in the bid documents. SARAO's evaluation committee disqualifies bidders where they do not provide the required documents, marked as mandatory (m), to verify their ethical conduct, the delivery of the specification, and their contract execution during the period of the contract.

Compliance to technical specifications

SARAO's evaluation committee shall disqualify bidders should they fail to comply with the technical specifications as demonstrated by their own submitted documents.

Due Diligence Research

SARAO shall confirm the recommended bidder(s)'s reference letters with the submitted referees, in order to confirm the recommendation(s). Where circumstances justify it, SARAO shall conduct interviews with bidders in order to clarify their bid submissions to the evaluation committee.

Stage 2 – Price competition

Compliant bidders from the previous stage compete against each other on price at the stated minimum threshold level. SARAO's evaluation committee compares each bidder's pricing quote on an equal and fair comparison basis equitable to all bidders, taking into account all aspects of the bid's pricing requirements. SARAO's evaluation committee ranks the qualifying bids on points scored on the basis of both Price and B-BBEE as indicated on SBD 6.1 in accordance with the PPPFA.

Stage 3 – Award and Contract Signing

The bid evaluation committee recommends to the Delegated Authority, the bidder with the highest combined score for the contract award, subject to final verification of the bidder's tax status as set out in the SBD 1. For bidders located outside South Africa, the Bid Evaluation Committee shall submit the SBD 1 form to the South African Revenue Services (SARS) to obtain the confirmation of the bidder's tax obligations.

Cancellation of the bid prior to award

SARAO shall cancel this bid invitation prior to making an award where -

- a) Due to changed circumstances, there is no need for the specified procurement in the document, or
- b) No bids meet the minimum required specification, or a material irregularity occurred in the bid process, or
- c) Where the price is too low/high in comparison to the pre-bid defined market price range with no bidder prepared to negotiate the price into the determined market price range.

EVALUATION OF BIDDER'S ABILITY TO DELIVER

Document description	Reference to bidder's document	Weight	Criteria (All criteria are weighted equally to each other)	Grading Scheme	Bid Section Reference	SCM Verification
Original / certified B-BBEE Level certificate or sworn affidavit in the case of EMEs or QSEs		Mandatory	Has the bidder met the minimum B-BBEE Level?	Yes(1)/No(0)	N/A	
Signed attendance register		Mandatory	Did the bidder attend the compulsory briefing session?	Yes(1)/No(0)	N/A	
Signed SBD 6.1		Optional	Is the bidder claiming preference points for the price competition?	Yes(1)/No(0)		
Original / Certified B-BBEE certificate or sworn affidavit						
Signed SBD 4		Mandatory	Do the bidder and its directors have any interest in government?	Yes(1)/No(0)		
Signed SBD 8		Mandatory	Has the bidder declared any performance issues with government?	Yes(1)/No(0)		
Signed SBD 9		Mandatory	Did the bidder independently determine its bid?	Yes(1)/No(0)		
Signed SBD 3		Mandatory	Did the bidder submit its pricing schedule in a separate envelope?	Yes(1)/No(0)		
Signed SBD 1		Mandatory	Has the bidder signed the SBD 1?	Yes(1)/No(0)		
Supplier certificate		Mandatory	Is the bidder an authorised reseller, supplier, OEM or ODM?	Yes(1)/No(0)		

Document description	Reference to bidder's document	Weight	Criteria (All criteria are weighted equally to each other)	Grading Scheme	Bid Section Reference	BEC Verification
Datasheets		Mandatory	At least 6 storage nodes.	Yes(1)/No(0)		
Datasheets		Mandatory	Overall system provides 1PB raw capacity.	Yes(1)/No(0)		
Datasheets		Mandatory	Drive density of at least 10 drives per 1U.	Yes(1)/No(0)		
Datasheets		Mandatory	Meets the Networking specifications in point 2.	Yes(1)/No(0)		
Datasheets		Mandatory	Meet the Storage Drive specifications in point 3.	Yes(1)/No(0)		
Datasheets		Mandatory	Meets the Storage Node specifications in point 4.	Yes(1)/No(0)		
Datasheets		Mandatory	Meets the Racking for Storage Units specifications in point 5.	Yes(1)/No(0)		
Datasheets		Mandatory	Meets the Out of band management specifications in point 6.	Yes(1)/No(0)		
Datasheets		Mandatory	Meets the General Power specifications in point 7 and 8.	Yes(1)/No(0)		
Datasheets		Mandatory	Provides warranty as per specification.	Yes(1)/No(0)		

BIDDER IS ABLE TO DELIVER THE SPECIFICATION?	YES - PASS TO PRICING	NO - DISQUALIFIED
---	------------------------------	--------------------------

BIDDER NEEDS TO KNOW

ACKNOWLEDGEMENT OF READING EACH PAGE

The bidder warrants by signature in this document that the bidder has read and accepts each page in this document including any annexures attached to this document.

CENTRAL SUPPLIER DATABASE REGISTRATION

SARAO requests bidders to register on the Central Supplier Database and to include in their bid their Master Registration Number (Supplier Number) in order to enable SARAO to verify the supplier's tax status on the Central Supplier Database.

CLARIFICATION

If the respondent wishes to clarify aspects of this request or the acquisition process, they write to the contact officials listed under the enquiries section above. SARAO distributes the response to a clarification request to all respondents that have communicated their intention to bid (i.e. briefing session attendance register) within 2 working days of receipt of the query. SARAO does not provide the origin of the request to any party.

RESPONSE PREPARATION COSTS

SARAO is not liable for any costs incurred by a bidder in the process of responding to this invitation, including on-site presentations.

COUNTER PROPOSALS

No counter proposals are accepted.

TWO ENVELOPE SYSTEM

SARAO, in the interests of transparent procurement, utilises the two-envelope system to minimise any form of price bias in the technical selection phase.

- a) All responses must be submitted in two sealed envelopes/boxes; the first envelope/box shall have the technical, compliance and BBEE response and the second envelope/box shall only have the financial response. Bidders must ensure that they do not indicate any financial information in the first envelope/box.
- b) Bidders are required to package their response/Bid as follows:
 - **Envelope 1 part A: Bid Forms and Compliance Response**
 - **Envelope 1 part B: Technical Response (response to scope of work)**
 - **Envelope 2: Financial quote**

COLLUSION, FRAUD AND CORRUPTION

Any effort by the bidder to influence evaluation, comparisons, or award decisions in any manner will result in the rejection and disqualification of the bidder concerned.

FRONTING

SARAO supports the spirit of broad based black economic empowerment and recognizes that achieving real empowerment is through individuals and businesses conducting themselves in accordance with the Constitution and in an honest, fair, equitable, transparent, and legally compliant manner. Against this background, SARAO condemns any form of fronting. SARAO's evaluation committee, in ensuring that bidders conduct themselves in an honest manner will, as part of their evaluation processes where applicable, conduct or initiate the necessary enquiries/investigations to determine the accuracy of the representation made in the bid documents. The onus is on the bidder to prove that fronting does not exist. Where SARAO's evaluation committee establishes a potential breach of this requirement, SARAO notifies the bidder of the potential breaches. Where the bidder fails to respond to the notification within a period of 7 days from date of notification,

SARAO will invalidate the bid/contract. Such failure may result in the restriction of the bidder to conduct business with the public sector for a period not exceeding 10 years, in addition to any other remedies the NRF may have against the bidder concerned.

DISCLAIMERS

SARAO has produced this document in good faith. The NRF, its agents, and its employees and associates do not warrant its accuracy or completeness. SARAO makes no representation, warranty, assurance, guarantee or endorsements to any provider/bidder concerning the document, whether with regard to its accuracy, completeness or otherwise. SARAO shall have no liability towards the responding service providers or any other party in connection therewith.

GENERAL DEFINITIONS

“B-BBEE” means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;

“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;

“Bid” means a written offer in a prescribed or stipulated form in response to an invitation by the National Research Foundation for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;

“Broad-Based Black Economic Empowerment Act” means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);

“Contract” means the entire bid document inclusive of scope of work, specification, price conditions, price quote table, service delivery conditions, performance conditions with their key performance indicators, and general conditions when attached to the Standard Bidding Document 7 (SBD 7) which has been signed by the awarded bidder and the National Research Foundations;

“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;

“Functionality” means the ability of a bidder to provide goods and/or services in accordance with specifications as set out in these bid documents;

“Proof of B-BBEE status level of contributor” means:

- a. B-BBEE Status level certificate issued by an authorized body or person;
- b. A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
- c. Any other requirement prescribed in terms of the B-BBEE Act.

“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.

“Equipment” means the operational unit including spares, replacement components, consumables, sub-systems, firmware and software that delivers the specified output.

GENERAL CONDITIONS OF CONTRACT

In this document words in the singular also mean in the plural and vice versa, words in the masculine mean in the feminine and neuter, words "department" means organs of state inclusive of public entities and vice versa, and the words "will/should" mean "must".

The National Research Foundation cannot amend the National Treasury's General Conditions of Contract (GCC). The National Research Foundation compiles separate Special Conditions of Contract (SCC) relevant to this bid where applicable supplementing the General Conditions of Contract. Where there is conflict, the provisions of the Special Conditions of Contract shall prevail.

GCC 1	Definitions - The following terms shall be interpreted as indicated:
1.1	"Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
1.2	"Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein..
1.3	"Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
1.4	"Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
1.5	"Countervailing duties" imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
1.6	"Country of origin" means the place where the goods were mined, grown, or produced, or from which the services are supplied. Goods produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components
1.7	"Day" means calendar day.
1.8	"Delivery" means delivery in compliance of the conditions of the contract or order.
1.9	"Delivery ex stock" means immediate delivery directly from stock actually on hand..
1.10	"Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
1.11	"Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.
1.12	"Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars, or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
1.13	"Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
1.14	"GCC" mean the General Conditions of Contract.
1.15	"Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
1.16	"Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
1.17	"Local content" means that portion of the bidding price, which is not included in the imported content if local manufacture does take place.
1.18	"Manufacture" means the production of products in a factory using labour, materials, components, and machinery and includes other related value-adding activities.
1.19	"Order" means an official written order issued for the supply of goods or works or the rendering of a service.
1.20	"Project site", where applicable, means the place indicated in bidding documents.
1.21	"Purchaser" means the organization purchasing the goods.
1.22	"Republic" means the Republic of South Africa.
1.23	"SCC" means the Special Conditions of Contract.
1.24	"Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract.
1.25	"Written" or "in writing" means handwritten in ink or any form of electronic or mechanical writing.
GCC2	Application
2.1	These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
2.2	Where applicable, special conditions of contract laid down to, cover specific supplies, services or works.
2.3	Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

GCC 3	General
3.1	Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
3.2	With certain exceptions (National Treasury's eTender website), invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za
GCC 4	Standards
4.1	The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.
GCC 5	Use of contract documents and information
5.1	The supplier shall not disclose, without the purchaser's prior written consent, the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure made to any such employed person is in confidence and shall extend only as far as may be necessary for purposes of such performance.
5.2	The supplier shall not make, without the purchaser's prior written consent, use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
5.3	Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
5.4	The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.
GCC6	Patent rights
6.1	The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.
GCC7	Performance security
7.1	Within thirty days (30) of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
7.2	The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
7.3	The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms: 7.3.1 bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or 7.3.2 cashier's or certified cheque.
7.4	The performance security will be discharged by the purchaser and returned to the supplier within thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.
GCC8	Inspections, tests and analyses
8.1	All pre-bidding testing will be for the account of the bidder.
8.2	If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the purchaser or an organization acting on behalf of the purchaser.
8.3	If there are no inspection requirements indicated in the bidding documents and contract makes no mention, but during the contract period, it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
8.4	If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
8.5	Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the supplier shall defray the cost in connection with these inspections, tests, or analyses.
8.6	Supplies and services referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
8.7	Any contract supplies may on or after delivery be inspected, tested or analysed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies are held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies, which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.
8.8	The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract because of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.
GCC9	Packing
9.1	The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt, and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
9.2	The packing, marking, and documentation within and outside the packages shall comply strictly with such special

	requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.
GCC10	Delivery and Documentation
10.1	The supplier in accordance with the terms specified in the contract shall make delivery of the goods/services. The SCC specifies the details of shipping and/or other documents furnished by the supplier.
10.2	Documents submitted by the supplier specified in SCC.
GCC11	Insurance
11.1	The goods supplied under the contract are fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.
GCC12	Transportation
12.1	Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.
GCC13	Incidental services
13.1	The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC: 13.1.1 Performance or supervision of on-site assembly and/or commissioning of the supplied goods; 13.1.2 Furnishing of tools required for assembly and/or maintenance of the supplied goods; 13.1.3 Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods; 13.1.4 Performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and 13.1.5 Training of the purchaser's personnel, at the supplier's plant and/or on-site, conducted in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.
13.2	Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.
GCC14	Spare parts
14.1	As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier: 14.1.1 Such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and 14.1.2 In the event of termination of production of the spare parts: 14.1.2.1 Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and 14.1.2.1 Following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.
GCC15	Warranty
15.1	The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models and those they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.
15.2	This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.
15.3	The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
15.4	Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.
15.5	If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights, which the purchaser may have against the supplier under the contract.
GCC16	Payment
16.1	The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
16.2	The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
16.3	Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
16.4	Payment will be made in Rand unless otherwise stipulated in SCC.
GCC17	Prices
17.1	Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validity extension, as the case may be.
GCC18	Contract amendment
18.1	No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

GCC19	Assignment
19.1	The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.
GCC20	Subcontract
20.1	The supplier shall notify the purchaser in writing of all subcontracts awarded under this contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract
GCC21	Delays in supplier's performance
21.1	Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
21.2	If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration, and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
21.3	No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
21.4	The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.
21.5	Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
21.6	Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.
GCC22	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.
GCC23	Termination for default
23.1	The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part: 23.1.1 If the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2; 23.1.2 If the Supplier fails to perform any other obligation(s) under the contract; or 23.1.3 If the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
23.2	In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
23.3	Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
23.4	If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
23.5	Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.
23.6	If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information: 23.6.1 The name and address of the supplier and / or person restricted by the purchaser; 23.6.2 The date of commencement of the restriction 23.6.3 The period of restriction; and 23.6.4 The reasons for the restriction. These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.
23.7	If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is

	empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.
GCC24	Anti-dumping and countervailing duties and rights
24.1	When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him
GCC25	Force Majeure
25.1	Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
25.2	If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event
GCC26	Termination for insolvency
26.1	The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.
GCC27	Settlement of disputes
27.1	If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
27.2	If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
27.3	Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
27.4	Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
27.5	Notwithstanding any reference to mediation and/or court proceedings herein, 27.5.1 The parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and 27.5.2 The purchaser shall pay the supplier any monies due the supplier.
GCC28	Limitation of liability
28.1	Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6; 28.1.1 The supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and 28.1.2 The aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.
GCC29	Governing language
29.1	The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.
GCC30	Applicable law
30.1	The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.
GCC31	Notices
31.1	Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice.
31.2	The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice
GCC32	Taxes and duties
32.1	A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
32.2	A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
32.3	No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid, the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services
GCC33	National Industrial Participation Programme
33.1	The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.

GCC34	Prohibition of restrictive practices
34.1	In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
34.2	If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has/have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.
34.3	If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

PART B – PRICING

PRICING CONDITIONS OF CONTRACT FOR THIS BID

Prices charged by the bidder for goods delivered and services performed under this contract shall not vary from the prices quoted by the bidder in the submitted bid with the exception of any price adjustments as authorised in the following price conditions.

1.	Compliant price calculation for price competition: SARAO provides bidding estimates in the below Bid Price Schedule (SBD 3.2) to allow bidders to calculate an estimated total cost of ownership bid price that allows an equal comparison basis equitable to all bidders for award selection. By nature of this contract, the actual quantities are determined when placing each individual purchase order being issued under this contract.
2.	Date of unit pricing: All unit prices are quoted at the date of this bid.
3.	Price Quotation Basis: Unit prices are fully inclusive of all applicable taxes including 15% VAT, less all unconditional discounts, and all costs to deliver the services and/or goods to the specified price delivery point.
4.	Quantity estimation: The price schedule itemises quantities per annum for the three years with current funding. Where uncertainty of quantity, a minimum of one unit has been stated. Actual quantities are confirmed on the issued purchase orders
5.	Quantity adjustments: SARAO management of this project is dependent on available funding for further storage capacity with actual quantities being procured under this contract.
6.	Contract Price: The cumulative value of all purchase orders issued and paid for is the total value of the signed contract at the completion date of the contract, not the competition bid price.
7.	Value Added Tax: Pricing will be adjusted for any variation in the in Value Added Tax rate as gazetted.
8.	Incidental services and spares not listed: Pricing is agreed and confirmed by issue of a signed purchase order
9.	Price Adjustment Rules: SARAO will consider unit price variations in accordance with these rules: The appointed bidder provides detail reasons for the submitted price variations substantiated by evidence. For unit pricing from the OEM, the price must be stated in the OEM's currency with detail reasons for the price variation. For the agency's unit pricing, the price must be stated in rands with detail local reasons for the price variation. SARAO will negotiate on the submitted price variations. SARAO reserves the right to obtain three price quotes from the market to verify the submitted price variations are within such identified market price ranges.
10.	Price adjustment dates: Price adjustments excluding currency variations are allowed only at end of calendar year.
11.	Contract Price Management during the contract: SARAO issues written purchase orders authorising the deliverables of this contract as appendums to this contract. The purchase orders stipulate quantity, work description, delivery date, and the unit price in accordance with this contract. The NRF, when issuing the written purchase order,

	guarantees that the funding is available for the value of that purchase order.
12.	Price Delivery Points are: Reception, Old Times Media Building, 2 Fir Street, Black River Park North Entrance, Observatory, 7925, Cape Town
13.	Application of Preference Points: Pricing is subject to the addition of Preference Points where bidders have submitted a completed Standard Bidding Document 6.1 Preference claim form.

<p>BID PRICE SCHEDULE (SBD 3.2) Submit pricing in separate envelope (stand-alone)</p>
--

No	QTY	DESCRIPTION	UOM	UNIT PRICE	TOTAL (Excluding VAT)
1	6	Storage node as per the technical specification in Sections 1 to 7	Storage node		
VAT (15%)					R
TOTAL BID PRICE INCLUSIVE OF 15 % VAT					R

PART C - RETURNS

INVITATION TO BID (SBD 1)			
Bid number		NRF SARAO SCSA 003 2019	
Closing date and time		20 March 2020 at 11:00AM	
The NRF recognises the date and time as recorded on its systems for closure purposes			
HIGH LEVEL SUMMARY OF BID REQUIREMENTS			
Supply, delivery, and installation services of data storage with three years of support			
Number of ORIGINAL bid documents for contract signing			2
Number of EVALUATION copies (Mark pages as "Evaluation Copy" and number all pages sequentially):		2 electronic documents (technical and price separate) on two separate memory sticks	
TWO ENVELOPE SYSTEM		YES	
PRICE VALIDITY PERIOD FROM DATE OF CLOSURE		90 days	
Bidding procedure enquiries are directed in writing to:		Technical information queries are directed in writing to:	
Section	SCM	Section	Contract management
Contact person	Ms Anwuli Okecha	Contact person	Jeremy Main
E-mail address	anwuli@ska.ac.za	E-mail address	jmain@ska.ac.za

SUPPLIER INFORMATION			
Name Of Bidder			
Postal Address			
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		O R	Central Supplier Database No.	MAAA										
B-BBEE Status Level Verification Certificate	Tick Applicable Box. <input type="checkbox"/> Yes <input type="checkbox"/> No	B-BBEE Status Level Sworn Affidavit	Tick Applicable Box. <input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No No [If yes enclose proof]	Are you a foreign-based supplier for the goods/services/works offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No [If yes, answer the questionnaire below]												
<table border="1"> <tr> <td>Is the entity a resident of the Republic of South Africa (RSA)?</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Does the entity have a branch in the RSA?</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Does the entity have a permanent establishment in the RSA?</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Does the entity have any source of income in the RSA?</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Is the entity liable in the RSA for any form of taxation?</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> </table> <p>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).</p>						Is the entity a resident of the Republic of South Africa (RSA)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Does the entity have a branch in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Does the entity have a permanent establishment in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Does the entity have any source of income in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the entity liable in the RSA for any form of taxation?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the entity a resident of the Republic of South Africa (RSA)?	<input type="checkbox"/> Yes <input type="checkbox"/> No														
Does the entity have a branch in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No														
Does the entity have a permanent establishment in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No														
Does the entity have any source of income in the RSA?	<input type="checkbox"/> Yes <input type="checkbox"/> No														
Is the entity liable in the RSA for any form of taxation?	<input type="checkbox"/> Yes <input type="checkbox"/> No														
BID SUBMISSION															
1.	Bids must be delivered by the stipulated time to the correct address. Late bid will not be accepted for consideration.														
2.	All bids must be submitted on the officially provided forms provided – (not to be re-typed) or in the manner prescribed in the bid document.														
3.	This bid is subject to the specifications and special conditions of contract pertaining to this bid, the Preferential Procurement Policy Framework Act, 2000 and the Preferential Procurement Regulations, 2017, the General Conditions of Contract (GCC), and any other legislative requirements if applicable to this bid. These are included in this document thereby forming the contract between the NRF and the appointed/awarded bidder.														
4.	The successful bidder will be required to fill in and sign the contract signature form (SBD7) for this contract.														
TAX COMPLIANCE REQUIREMENTS															
1.	Bidder must ensure compliance with their tax obligations.														

2.	Where the bidder is registered on the Central Supplier Database (CSD), a CSD number must be provided
3.	Bidders are required to submit their unique personal identification number (pin) issued by SARS to enable the organ of state to verify the taxpayer's profile and tax status. Application for tax compliance status (TCS) pin is made via e-filing through the SARS website www.sars.gov.za .
4.	Bidders may also submit a printed TCS certificate together with the bid, available via e-filing through the SARS website www.sars.gov.za .
5.	In bids where consortia/ joint ventures/ sub-contractors are involved, each party must submit a separate TCS certificate/ PIN/CSD number.
6.	No bids will be considered from persons in the service of the state, companies with directors who are persons in the service of the state, or close corporations with members' persons in the service of the state.

SBD 4 - DECLARATION OF INTEREST WITH GOVERNMENT

Any legal person, including persons employed by the State (meaning any national or provincial department; national or provincial public entity; or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999); any municipality or municipal entity; provincial legislature; National Assembly or the National Council of Provinces; or National Parliament), 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:

- a. The Bidder is employed by the State; and/or
- b. 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> 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 including any business units of the National Research Foundation in the previous twelve months?	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If so, furnish particulars as an attached schedule	

SBD 6.1 - PREFERENCE POINTS CLAIMED

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 R 50 000 000 (all applicable taxes included); and
- 1.1.2. The 90/10 system for requirements with a Rand value above R 50 000 000 (all applicable

taxes included)	
The maximum points for this bid are allocated as follows:	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTION	20
TOTAL POINTS FOR PRICE AND B-BBEE MUST NOT EXCEED	100

- 1.2. 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.
- 1.3. The purchaser reserves the right to require either of a bidder, before a bid is adjudicated or at any time subsequently, to substantiate any claim concerning preferences, in any manner required by the purchaser.

1.4. POINTS AWARDED FOR PRICE

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 :	$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$	OR	90/10 :	$P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$
----------------	---	----	----------------	---

- Where Ps = Points scored for price of bid under consideration
Pt = Price of bid under consideration
Pmin = Price of lowest acceptable bid

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

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

3. BID DECLARATION

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

B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1 AND 2

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

(Points claimed in respect of paragraph 3 must be in accordance with the table reflected in paragraph 2 and must be substantiated by relevant proof of B-BBEE status level of contributor.

SUB-CONTRACTING

Will any portion of the contract be sub-contracted?

(Tick applicable box)

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

If yes, indicate:

1. What percentage of the contract will be subcontracted.....%
2. The name of the sub-contractor.....
3. The B-BBEE status level of the sub-contractor.....
4. Whether the sub-contractor is an EME or QSE

(Tick applicable box)

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

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		

DECLARATION WITH REGARD TO COMPANY/FIRM

Name of company/firm:

VAT registration number:

Company registration number:.....

TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture /Consortium
- One person business/sole proprietor
- Close corporation
- Company
- (Pty) Limited

[TICK APPLICABLE BOX]

DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

COMPANY CLASSIFICATION

- Manufacturer
- Supplier

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

[TICK APPLICABLE BOX]

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

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 and 3 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

1. The information furnished is true and correct;
2. The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
3. In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1 and 3, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
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 –
 - (a) disqualify the person from the bidding 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 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
 - (e) 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:	<input type="checkbox"/> Yes <input type="checkbox"/> 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:	<input type="checkbox"/> Yes <input type="checkbox"/> 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:	<input type="checkbox"/> Yes <input type="checkbox"/> 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:	<input type="checkbox"/> Yes <input type="checkbox"/> 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 signatory to this document, in submitting this Bid in response to the invitation for the Bid made by the National Research Foundation, 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 (meaning an association of persons for combining their expertise, property, capital, efforts, skill, and knowledge in an activity for the execution of the bid) 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

REFERENCE LETTER FORMAT FOR BIDDER

Referee Legal Name:			
Company:			
Bid Number:	NRF SARAO SCSA 003 2019		
Bid Description: Supply and delivery of data storage nodes			
Describe the service/work the above bidder provided to you below			
Criteria/Risks	Below requirements	Meets requirements	Exceeds requirements
Professionalism in dealing with service provider; was service provider helpful, always available to assist			
Delivery of goods – Was the good delivered timeously, undamaged from original packaging			
Did the storage system when tested meet your specifications			
Did the data write speeds when tested meet your specification			
Satisfaction with support rendered; did it solve the problem experienced			
Overall Impression	Other comments		
Approximate value of contract			
Would you use the provider again?			<input type="checkbox"/> YES <input type="checkbox"/> NO

Completed by:	
Signature:	
Company Name:	
Contact Number: Telephone	
Date:	

ANNEXURES – ATTACHED AT END OF DOCUMENT

Annexure Number	Annexure Title

BID SIGNATURE (SBD 1)

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. I confirm that I have satisfied myself as to the correctness and validity of my offer/bid in response to this Invitation, cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk. 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. 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.

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:

CAPACITY UNDER WHICH THIS BID IS SIGNED (Proof of authority must be submitted e.g. company resolution)