

INVITATION TO BID

BID DESCRIPTION

THE APPOINTMENT OF A CIDB GRADE **3 SO** (OR HIGHER) CONTRACTOR FOR THE DECOMMISSIONING AND REPLACEMENT OF THE WATER PIPES SYSTEM AND INSTALLATION OF WATER CONTINGENCY AT DIDACTA BUILDING PRETORIA CENTRAL

ATTENTION – FRAUD ALERT!!!!!!!

It is common for scammers to call potential bidders pretending to be NRF's employees and offering to swing tenders your way for a fee.

DO NOT FALL FOR IT, IT IS A SCAM!

The NRF and its employees would never offer payment or any other consideration in return for the favourable consideration of a bid. Please report any suspected acts of fraud or corruption to the following toll-free number - 0800 701 701 or SMS 39772.

Bidder Name:	
Number:	NRF/SAASTA BULD/45/2024-25
Closing Date Closing Time:	15 November 2024 11:00AM
Compulsory Briefing Session: Venue: Address: Availability of additional information:	28 October 2024 at 11:00-12:00PM NRF-SAASTA, DIDACTA BUILDING: AUDITORIUM 211 Nana Sita Street; Pretoria Central Bidders attending briefing session will be provided with details of the required renovations at this meeting including a site-walk. NB: Bidders who fail to attend the compulsory briefing will be disqualified from the bidding process.
Bid documents are available on the following websites:	www.saasta.ac.za ; www.nrf.ac.za ; www.etenders.gov.za
Bid Submission Address	Bids must be submitted in two separate electronic folders, one with the compliance and technical response, and the second with the financial response (SBD3.2). The financial response must be password protected. Attachments are limited to 20 MB per email. Refer Annex A Please submit into the email bid box Bid45.20242025@saasta.nrf.ac.za
Bids Labelling	Folders must be titled with the bidder's company name, Bid Number, and folder title i.e. Proposal Folder and SBD3.2 Price Folder
Bidding procedure and technical enquiries are directed in writing to:	
Section	Supply Chain Management
Contact person	Ms. Tumelo Mothupi
Email address	TF.Mothupi@saasta.nrf.ac.za

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PRE-QUALIFICATIONS

The CIDB Standard for Uniformity in Engineering and Construction Works Contracts Claus C.2.1: Only those tenderers who are registered with the CIDB or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a Grade 3SO or higher class of construction work, are eligible to have their tenders evaluated.

Joint ventures are eligible to submit tenders provided that:

1. every member of the joint venture is registered with the CIDB;
2. the lead partner has a contractor grading designation in the 3SO or higher class of construction work; or not lower than one level below the required grading designation in the class of works construction works under considerations and possess the required recognition status.
3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a Grade 3 SO or higher class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations.

1. CIDB Category and Grading for this Project	SO
2. Minimum Category and Grading for CIDB Registered Contractors	3

A bidder who does not have valid CIDB grade as stated above or higher is automatically disqualified

EMPLOYER DETAILS

The legal name of the employer is the National Research Foundation, established by Act 19 of 2018, as the juristic person that makes this bid invitation and will contract with the awarded bidder.

The address for delivery of notices is:

DIDACTA Building
211 Nana Sita Street
Pretoria, 0002

BIDDING CONTRACTOR INFORMATION

Name of Bidder

Postal Address

Street Address

Name Of Contact Person

BIDDING CONTRACTOR INFORMATION

Telephone Number				
Code		Number		
Cell Phone Number				
Code		Number		
E-Mail Address				
Tax Compliance Status	Tax Compliance System PIN		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]				
Are you the accredited representative in South Africa for the goods/services/works offered?		<input type="checkbox"/> Yes <input type="checkbox"/> 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 following questionnaire]
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
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) and if not register as per 2.3 below.				

BID SUBMISSION PROCEDURAL REQUIREMENTS

BID SUBMISSION

As per the CIDB Standard for Uniformity in Engineering and Construction Works Contracts Clause E.2.1 Only those respondents who are registered with the Construction Industry Development Board, or are capable of being so registered within twenty-one (21) working days from the closing date for submission of tenders, in a contractor grading designation of 3SO or higher, are eligible to have their submissions evaluated.

Joint ventures are eligible to have their submissions evaluated provided that:

1. every member of the joint venture is registered with the CIDB not later than twenty-one (21) working days from the closing date for tenders.
2. the lead partner has a contractor grading designation in the 3SO or higher class of construction work; or not lower than one level below the required grading designation in the class of works construction works under considerations and possess the required recognition status.
3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than the required contractor grading designation.

1.	Bids must be delivered by the stipulated time to the correct address. Late bid will not be accepted for consideration.
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2.	All bids must be submitted on the officially provided forms (not to be re-typed) and in the manner prescribed in the bid document.
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3.	This bid is subject to the specifications and conditions of contract pertaining to this bid, The Joint Building Contracts Committee, the Preferential Procurement Policy Framework Act, 2000 and the Preferential Procurement Regulations, 2022, and any other legislative requirements if applicable to this bid. These are included in this document thereby forming the contract between the parties.
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4.	The successful bidder will be required to fill in and sign the contract signature form (SBD7.1) for this contract.
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5.	Number of ORIGINAL bid documents for contract signing	1
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6.	Number of EVALUATION copies (Mark pages as "Evaluation Copy" and number all pages sequentially):	1 pdf document set
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7.	Two envelope system	Yes
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8.	Price validity period from date of closure	90 days (13 Weeks)
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9.	<p><u>Original bid documents for contract signing</u></p> <p>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 7.1 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.</p>	
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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.

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

NRF 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 NRF 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. NRF 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. NRF does not provide the origin of the request to any party.

RESPONSE PREPARATION COSTS

NRF 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.

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

NRF 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, NRF condemns any form of fronting. NRF'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 NRF's evaluation committee establishes a potential breach of this requirement, NRF 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, NRF 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

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

GENERAL DEFINITIONS

"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.

BIDDER NEEDS TO KNOW

“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 7.1) which has been signed by the awarded bidder and the National Research Foundations.

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

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

“NRF” means the National Research Foundation and it is used interchangeable with its business units that manage the contracts in this case being South African Agency for Science and Technology Advancement (SAASTA).

“SBD 1” means this entire bid document.

B-BBEE 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.

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

“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.

“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.

THE BIDDER SELECTION PROCESS

- **Pre-Qualification :**
Compulsory briefing session attendance
- **CIDB Registration: Registered with the CIDB in a 3SO category or higher.**

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. NRF'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

NRF's evaluation committee disqualifies bidders when they are not compliant with the technical specifications as demonstrated by their own submitted documents.

Due Diligence Research

NRF confirms the recommended bidder(s)'s reference letters with referee-s to confirm the recommendation(s). Where circumstances justify it, the NRF conducts interviews with bidders for them to clarify their bid submission to the evaluation committee

Stage 2 – Price and NRF specific goals evaluation

Compliant bidders from the previous stage compete against each other on price at the stated minimum threshold level. NRF'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. NRF'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 its Delegated Authority the bidder with the highest combined score for the contract award subject to the final verification of the bidder's tax status as set out in the SBD 1 through the CSD and, for non-resident respondents, submits the SBD 1 questionnaire to obtain the Confirmation of Tax Obligations letter from the South Africa Revenue Services.

Cancellation of the bid prior to award

NRF cancels 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.

CONTEXT

INTRODUCTION TO THE NRF

The legal name of the employer is the National Research Foundation, established by Act 19 of 2018, as the juristic person that makes this bid invitation and contracts 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.

INTRODUCTION TO THE NRF BUSINESS UNIT MANAGING THIS BID

South African Agency for Science and Technology Advancement (SAASTA) is a National Facility of the NRF. The facility is based in Pretoria Central.

Further information about the SAASTA National Facility can be found on www.saasta.ac.za and www.nrf.ac.za.

LOCALITY OF THE SITE OF THE PROPOSED INFRASTRUCTURE

The site for this project is at DIDACTA Building, 211 Nana Sita Street, Pretoria Central.

SITE RESTRICTIONS

Vehicles access to the building site is restricted to the following:

Height: 2.50M and Width: 3.50M

CONTEXT OF THIS PROCUREMENT

NRF-SAASTA is required to do refurbishment to the DIDACTA building. The refurbishment entails the following;

- a. Wet Services Refurbishment Works – water pipes replacement and rerouting of water supply to the whole building through the current water tanks

CONTRACT PERIOD

Four Months

SCOPE OF WORK

SUMMARY

The scope of work in summary includes but not limited to:

- Replacing of all the rusted/corroded pipes in the building;
- Re-routing of the water supply to all end points required
- Installing a filtration system to ensure clean, safe drinking water

ANNEXURES CONTAINING DETAIL STATEMENT OF WORK

These documents are attached to this document. The specification sections below contain the statement of work at bidding level of detail.

There are no other applicable documents or drawings for this contract. The requirements and expectations for this contract are set out in this document.

DOCUMENT NUMBER	DOCUMENT TITLE
Annexure A	Bill of quantities
Annexure B	Building Tender Drawings
Annexure C	Site Plan

CONTRACT ORGANISATION

The contract organisation is NRF-SAASTA.

ENVIRONMENT AND HEALTH MANAGEMENT

The contractor provides the following services:

- National Environmental Management
- Health and Safety Management

Occupational Health and Safety when working on NRF sites:

1. All personnel performing work on NRF site/s as part of this contract are responsible to obtain safety induction.
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 work site. All personnel are to obey the relevant instructions, including signage, related to restricted access and speed limits on all sites.
3. The appointed bidder, once signing the contract (**SBD 7.1 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.
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.
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.
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 section 37.1 and 37.2 agreement

Concurrency of roles and responsibilities

The roles and responsibilities of individuals may overlap due to concurrency between the applications on the different contracts and it is up to the Contractor to identify this overlap and to allocate time for the individuals accordingly to ensure an efficient and cost-effective service.

STANDARDS

The South African National Building Regulations(NBR) standards for this contract include but not limited to:

- Construction Regulations of 2014
- Occupational Health and safety Act

- SANS 10085
- SANS 10400

MANAGEMENT OF THE DESIGN AND CONSTRUCTION PROCESS

Management of the design and construction will be done by NRF-SAASTA through the external appointed project manager.

DETERMINATION OF BILLS OF QUANTITIES IS PRICE SECTION

- As indicated in Annexure A

AVAILABLE FACILITIES

The following facilities are available onsite:

- Parking;
- Electricity;
- Water;
- Ablutions; and
- Storage Area (Liability for storage remains with the contractor).

SITE INTERDEPENDENCIES IMPACTING THE PROJECT

The following interdependencies are applicable to the site:

- Security: Contractors will be required to comply with onsite security;
- Organizational operations: Business will be operating and consideration should be made to ensure a conducive and safe working environment is maintained during refurbishment; and
- Project management: All refurbishment works must be approved by NRF-SAASTA through the appointed project manager.

SERVICES REQUIRED

The following services are required for this contract:

1. Replacing of all the rusted/corroded pipes in the building;
2. Re-routing of the water supply to all end points required
3. Installing a filtration system to ensure clean, safe drinking water

SUB-CONTRACTOR MANAGEMENT

Procedures for the appointment of sub-contractors:

To be declared in the submission of the bid. Any replacement thereof should be approved the NRF-SAASTA representative prior appointment in writing. Main contractor is responsible for provision of a sub-contractor report at the end of the contract

Specific requirements for sub-contractor documentation:

To comply with the construction standard.

Specific procedures to comply with Preferential Procurement Policy Framework Act requirements for sub-contracting within signed contracts:

Any replacement of the subcontractor must comply with the initial preferential procurement requirements

Responsibility for sub-contractor defects and remediation:

It is a full responsibility of the appointed contractor

Responsibility for payment of sub-contractors in terms of CIDB processes:

It is a full responsibility of the contractor

RISKS MANAGEMENT

- The contractor shall effect and keep in force Contract Works Insurance for full contract value;
- Public Liability Insurance; and
- Retention of 10% on the total contract amount for three months;
- Payment: NRF-SAASTA will not pay for any expenditure prior to approval by the Project manager.

GENERAL AND SPECIAL CONDITIONS OF CONTRACT

D 1. **The name of the NRF's Agent is:**

KKN CONSULTING ENGINEERS AND PROJECT MANAGERS

D 2. **Applicable legal system**

The governing law is the law of South Africa.

D 3. **Applicable Form of Contract**

The JBCC 6.2 (2018) with State Provisions shall be the applicable form of contract.

D 4. **Applicable language**

The language of the Contract and for written communications is South African English.

D 5. **The NRF's Agents are registered professionals in a built environment profession for this contract as follows**

No	NRF's Agent	Built Environment Professional Council Registered with
1.	KKN CONSULTING ENGINEERS AND PROJECT MANAGERS	SACPCMP

D 6. **The NRF's Agents administer the contract as agent of the NRF in accordance with the provisions of this contract with the NRF assigning the following functions to its Agents as listed below:**

No	NRF's Agent	Serving in the following functional capacity
1.	KKN CONSULTING ENGINEERS AND PROJECT MANAGERS	Project Managers

D 7. **The NRF's Agents consult with the contractors and the NRF:**

The NRF's Agents consult with the contractor and the NRF as set out in this clause with the exception of where the Agents make any contract interpretation having price impact or price determination. In these cases, the Agents must consult with the NRF prior to consulting with the contractor.

GENERAL AND SPECIAL CONDITIONS OF CONTRACT

D 8. The Defects Liability Period is:

In terms of **Latent Defects Liability**, the contractor's liability shall continue beyond the date of achievement of Final Completion for the period of 5 years.

D 9. Commencement Date, meaning the date that this Agreement is made in terms of this contract and its Form of Offer and Acceptance (SBD 7.1).

D 10. Due Completion Date of expiry of time for achieving Practical Completion of the works, shall be calculated from the Commencement date and adjusted by such extensions of time or acceleration as allowed in this contract:

Stage	Completion Date	Penalty for Not Completing on Time
Practical Completion	As set out in the JBCC Schedule	R1000 per day

Extensions of Time	Rules for Agreeing to Time Extensions
	As per the JBCC

D 11. The time for achieving Practical Completion is

The NRF registers "practical completion" when the whole or portion of the works reach the state of readiness, fit for purpose, and occupation without danger to the NRF inclusive of any occupation certificate required by the local authorities as set out in the table below:

Portion	Date of Practical Completion
All works	As set out in the JBCC Schedule

D 12. The contractor's documentation required before commencing execution of the Works execution are:

Upon the NRF's Agent's instruction the contractor will commence carrying out the contract subject to the submission by the contractor, and approval by the NRF's Agent, of documentation required as set out below, within 21 calendar days. If the documentation is found unacceptable the NRF may terminate the contract in terms of the **JBCC** Clause 36.1.1:

The list of documentation is inclusive of:

- a. Priced bill of quantities;
- b. Security/Construction Guarantee;
- c. Contract Works Insurance at contract value
- d. Health and Safety Plan; and
- e. Initial programme.

D 13. The time to submit the documentation required before commencement with Works execution is:

The NRF sets the time as 21 calendar days and, if not delivered, the NRF may terminate the contract.

D 14. The access and possession of Site shall not be exclusive to the Contractor but as set out in the Site Information or as set out below:

The NRF, upon the NRF's Agent's instruction, gives the contractor right of access to the site, the location of which is stated in the Site Information Section of this contract. If the NRF does not give exclusive access and possession of the Site to the Contractor, these restrictions are listed below:

GENERAL AND SPECIAL CONDITIONS OF CONTRACT

D 15. The non-working times

The working times are as set out in Clause 5.8.1 and 5.8.2 of the **JBCC** with the exception of the following days.

The non-working days are:

The NRF classifies the following days as non-working days. The NRF's Agent's written permission is required, subject to such conditions as the NRF's Agent may set, to work on these days.

Saturday and Sunday

The special non-working days are:

The NRF classifies the following days as non-working days. The NRF's Agent's written permission is required, subject to such conditions as the NRF's Agent may set, to work on these days.

Public Holidays:

The year-end break:

The NRF's Agent's written permission is required, subject to such conditions as the NRF's Agent may set, to work during the year-end break.

The year-end break commences on: 22 December 2024

The year-end break ends on: 01 January 2025

D 16. The contractor delivers the following one or a set of the following security to the NRF:

The value of the Works for calculating the percentages are:

Type of security (inclusive of Value Added Tax)	Contractor's choice. Indicate "Yes" or "No"
7.5% of Contract value as a Performance Guarantee OR Retention of 10% to be paid 3 months after completion.	

Date of Delivery of Security:

The contractor delivers the above security to the NRF: Within 21 calendar days of appointment

Validity of Construction Guarantee:

The contractor ensures the construction guarantee remains valid and enforceable until the issue of the final Works Completion.

D 17. Payment Management:

The percentage advance on materials not yet built into the Permanent Works is:

No advance payment

The limit of retention money is:

10% of the contract value

D 18. Insurance Management

GENERAL AND SPECIAL CONDITIONS OF CONTRACT

Except as provided below, the contractor at his own cost shall effect and maintain the insurances listed below in the joint names of the NRF and the contractor.

List of required insurances are:

Liability insurance valued at R1 000 000.00

Works insurance at full contract value

D 19. **Contracted Party Due Diligence during the Contract Period:**

The NRF has the right to conduct supply chain due diligence including site visits and inspections at any time during the contract period.

D 20. **Copyright and Intellectual Property**

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).
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.
3. **Contract intellectual property** is defined as intellectual property created by the parties to this contract for and in the execution of the contract.
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.
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.
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 appendums to this contract.
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.
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.
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.
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

GENERAL AND SPECIAL CONDITIONS OF CONTRACT

National Research Foundation in its discretion requires in order to give effect to the terms of this clause.

D 21. **Confidentiality**

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 termination of its involvement with the National Research Foundation, the recipient shall not:
 - 1.1. Disclose the confidential information, directly or indirectly, to any person or entity, without the National Research Foundation's prior written consent.
 - 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
 - 1.3. Copy, reproduce, or otherwise publish confidentiality information except as strictly required for the execution of the contract.
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 agreement with the recipient both during the term of their associations with the recipient and after termination of their respective associations with the recipient, not to
 - 2.1. Disclose the confidential information to any third party, or
 - 2.2. Use the confidential information otherwise than as may be strictly necessary for the execution of the contract,
 - 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.
3. The undertakings set out in this clause shall not apply to confidential information, which the recipient is able to prove:
 - 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;
 - 3.2. Is now or hereafter comes into the public domain other than by breach of this contract by the recipient;
 - 3.3. Was lawfully received by the recipient from a third party acting in good faith having a right of further disclosure and who do not derive the same directly or indirectly from the National Research Foundation, or
 - 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.
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:
 - 4.1. All written disclosures received from the NRF;
 - 4.2. All written transcripts of confidential information disclosed verbally by the National Research Foundation; and
 - 4.3. All material embodiments of the contract intellectual property.
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
6. Except as expressly herein provided, this contract shall not be construed as granting or confirming, either

GENERAL AND SPECIAL CONDITIONS OF CONTRACT

expressly or impliedly any rights, licences or relationships by furnishing of confidential information by either party pursuant to this contract.

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.

D 22. Protection of Personal Information

The third party hereby gives the NRF permission, in terms of the Protection of Personal 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.

D 23. Original bid documents for contract signing

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 7.1 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.

MANAGEMENT OF SERVICE PERFORMANCE LEVELS

1. Upon appointment, the appointed bidder and the NRF contract manager and/or the NRF agent review the initial service levels as set out in this document in order to support the contract delivery after signing of the contract.
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.
3. The service levels will be reviewed monthly or as and when required.
4. Where both parties agree to variation of these service levels, both parties will meet and agree on the revised service levels in writing which is appended to this contract document.
5. The agreed service level document states the agreed service levels, date effective from, performance penalties, and any matter forming part of such service levels.
6. Management of poor performance:
 - 6.1. Where either party has identified poor performance under this contract, both parties will meet and investigate the matter to determine the root cause.
 - 6.2. Both parties will agree to a correction plan and will implement it.
 - 6.3. Both parties will monitor the corrective actions to ensure service levels are at the agreed minimum.
 - 6.4. Both parties will assess the applicability of penalties to the incurred poor performance and apply these,
7. Penalty management:
 - 7.1. Penalties apply for every day that elapses between the Due Completion Date and the actual Date of Practical Completion, including special non-working days.

7.2. The imposition of such penalty shall not relieve the contractor from his obligations to complete the works, or from any of his obligations and liabilities under the contract.

PRICING (SBD 3.2)

PRICING CONDITIONS OF CONTRACT

P 1. Pricing schedule is for the Duration of the Contract

Pricing schedule is for the Duration of the Contract. The NRF accepts no changes, extensions, or additional ad hoc costs to the pricing conditions of the contract once both parties have signed the contract. Where the contract allows for adjusting prices for external factors, the NRF only accepts price adjustments where these are the result of documented external factors as permitted in the conditions of this contract. The NRF requires open disclosure of the workings for each price change that is permitted in this contract including the use of an independent public index available to all determining the percentage change being applied and, where stated in the contract, the NRF's appointed agent verifies the quantum and accuracy. The Cost Price Adjustment is calculated as set out in the Cost Price Adjustment Schedule section in this document.

P 2. Quantities over the contract period

The NRF states where it requires set quantities during the current period with the time of delivery being determined during the contract period.

P 3. Estimated or re-measurable quantities over the contract period

The NRF states estimated quantities and the methodology to re-measure actual quantities once the work has been completed.

P 4. Variations resulting from rate of exchange movement

Where the supplied requirements are from overseas, the appointed bidder will state the portion and currency payable overseas separating local costs. NRF will only consider exchange rate variations on the identified foreign price component. The rate variation is the difference between the current exchange rate and the exchange rate ruling at the date of signing the SBD 7.1. Exchange rates are obtained from the www.xe.com website. NRF will verify the submitted exchange rate variation and enter into negotiation with the appointed bidder on the agreed variation.

P 5. Exchange rate for bid purposes

For calculating the bid price for the price competition, bidders must use exchange rates as at the date the bid was advertised to calculate their bidding prices.

P 6. Date of unit pricing

All unit prices are quoted at the date of this bid.

P 7. Bid price for price competition

For bidding purposes and to establish the bid ceiling price, the NRF provides estimated quantities of what its requirements and estimated timing during the contract period for bidders to establish their pricing. The NRF states that reason for estimation and the rules applying to the movement from estimates to determined price that apply during the contract in this contract document.

The bid ceiling price is determined taking into account all conditions and data in this contract and known at the closing date of this bid.

P 8. 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. Pricing is stated in South African currency at all times.

P 9. Value Added Tax

PRICING CONDITIONS OF CONTRACT

Pricing will be adjusted for any variation in the in Value Added Tax rate as gazetted.

P 10. Price currency

South African Rand

P 11. Contract price

The cumulative value of all payment certificates paid for is the total value of the signed contract at the completion date of the contract, not the competition bid price.

P 12. 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 13. Price risk allocation

To manage price risks on the basis of the NRF and the contracted bidder sharing the risk equally and that only those price adjustments and their corresponding rules stated in this contract applies to the contract.

P 14. Pricing strategies:

The NRF requires the contract to follow the pricing strategies stated below in the determination of the total sum as stated in the Pricing Summary and carried down to the Form of Offer and Acceptance (SBD 7.1). The support schedules to the individual bills of quantities of material and/or services detail the application of these price strategies to derive the final agreed sum for each individual bill.

Bill (and Bill Number)	Pricing Strategy
Annexure A	Bill of Quantities

P 15. Provisional sum management

- Where work has been identified in the bills of quantities as provisional, the contractor shall provide 3 quotations to execute the work;
- The Principal Agent shall review the quotations and make a recommendation to NRF for approval prior to continuing with the work; and
- The Principal Agent shall issue written instruction to the contractor in line with the approval of the NRF.

P 16. Contingencies management procedures

- Where work has to be covered by the contingency provision of the contract value, the contractor shall first seek approval of the Principal Agent before proceeding; and
- The Principal Agent shall seek same approval from NRF before issuing written instruction to the contractor to proceed.

P 17. Contract unit price variation management

- Where the value of additional work cannot be determined using the rates in the BOQ, then the contractor shall provide new rates that take into account the labour, engineering, drawings, material, transport and plant necessary for executing the work and an allowance of 10% mark up for the approval of the Principal Agent;
- The Principal Agent shall further seek the approval of the NRF prior to issuing an instruction to the contractor to proceed.

P 18. The value of the certificates issued, where agreed that Contract Price Adjustment applies, shall be adjusted in accordance with the Contract Price Adjustment Schedule with the following values:

PRICING CONDITIONS OF CONTRACT

The value of "f" is ... the portion, expressed as a decimal of unity, not subject to adjustment.

The values of the coefficients are:

a = Labour

b = Contractor's equipment

c = Material

d = Fuel

Please note that the total of all the coefficients must equal 1.0

The urban area nearest the Site is (Select urban area from Statistical News Release, P0141) is

The applicable industry for the Producer Price Index for materials is from the Statistical News Release, P01421 is

The area for the Producer Price Index for fuel (from Statistical News Release, P01421, Table 12) is

The base month is the month and year prior to the closing of the bid:

P 19. Contract Price Adjustment Schedule Method of Calculation

1. The value of each monthly statement for payment, submitted to the Employer's Agent by the Contractor, shall be increased or decreased by the amount obtained by multiplying "Ac" (defined in Clause 2 of this Contract Price Adjustment Schedule) by the Contract Price Adjustment Factor, rounded off to the fourth decimal place, determined according to the formula:

$$(1 - x) [4[aL_t + bP_t + cM_t + dF_t - 1]]$$

Lo Po Mo Fo

in which the symbols have the following meaning:

"x" is the proportion of "Ac" which is not subject to adjustment. Unless otherwise stated in the Contract Data, this proportion shall be 0, 10.

"a", "b", "c" and "d" are the coefficients contained in the Contract Data, which are deemed, irrespective of the actual constituents of the work, to represent the proportionate value of labour, Contractors' Equipment, material (other than "special materials" specified in the Contract Data) and fuel respectively. The arithmetical sum of "a", "b", "c" and "d" shall be unity.

"L" is the "Labour Index", "P" is the "Contractor's Equipment Index", "M" is the "Materials Index" and "F" is the "Fuel Index", all as defined in the Contract Data.

The suffix "o" denotes the base indices applicable to the base month as stated in the Contract Data.

The suffix "t" denotes the current indices applicable to the month in which the last day of the period falls to which the relevant monthly statement relates.

If any index relevant to any particular certificate is unknown at the time when the monthly statement is prepared, the Contractor shall estimate the value of such index. Any correction required, when the correct indices become known, shall be made by the Contractor in subsequent monthly statements.

If the organisation publishing the indices, changes any of the indices set out in the contract data, the Contractor shall use a correlation factor, which integrates the old and the new indices, for adjustment of subsequent

PRICING CONDITIONS OF CONTRACT

- payment certificates.
2. For the purposes of calculating the adjustment to the value of the relevant monthly statement, the amount "Ac" shall be determined by the formula:
- $$Ac = T-S-D-E-G-Ap$$
- In which formula the symbols shall have the following meaning:
- "T" is the summation of the total value of
- (i) General Items
 - (ii) Work Done and the
 - (iii) Materials on Site
- as certified in the monthly statement under consideration without any deduction whatsoever and before any adjustment made in terms of this Schedule.
- "S" is the aggregate of (i), (ii), (iii) and (iv) referred to below and included in "T"
- (i) the amounts actually expended and substituted for any Prime Cost Sums;
 - (ii) the value of any work done by Selected Sub-Contractors;
 - (iii) the value of any work done against Provisional Sums;
 - (iv) the value of any extra or additional work;
- where special arrangements for price adjustments in respect of those amounts were made and recorded at the time the work was ordered.
- "D" is the value of work included in "T" and done at new fixed rate, where those rates were not based on labour, Contractors' Equipment or materials costs in force at the time of tendering. Generally new rates may be based on current costs and de-escalated to the base month of the indices, in which case work done at these rates shall not be included in the value of "D".
- "E" is the amount included in "T" and paid for any day work carried out at cost plus percentage allowances as set out in General Conditions of Contract Clause 6.5.1.2.3.
- "G" is the amount included in "T" for materials classified and dealt with as "special materials".
- "Ap" is the summation of all "Ac" amounts determined in terms of Clause 2 of this Contract Price Adjustment Schedule for all monthly statements preceding in time the monthly statement under consideration.
3. Save only for additional work or variations ordered to be carried out after the Due Completion Date, the increase or decrease applied to monthly statement in terms of this this Contract Price Adjustment Schedule, relating to work done, Plant and/or materials supplied after the Due Completion Date, shall be half the factor calculated by inserting the formula referred to in Clause 1 hereof the indices Lt, Pt, Mt, and Ft applicable at the Due Completion Date.
4. The price of each "special material" specified in the Contact Data shall be increased or decreased by the net amount of any variation incurred after the date of tender on the basis set out in the Contract Data, provided that any claim for adjustment in terms hereof shall be substantiated by the submission of acceptable invoices and any other supporting documents that the Employer's Agent considers necessary for the purpose, and provided also that no further adjustment be permitted to the price of any "special material" after the Due Completion Date unless such material forms part of any additional work or variation ordered to be carried out after that date.
5. For the purposes of Clause 4 hereof, "the net amount of any variations" in respect of a particular "special

PRICING CONDITIONS OF CONTRACT

material" shall be calculated by multiplying the difference between the rate or price entered in the Contract Data by the Contractor for that material and the equivalent rate or price actually paid by the Contractor for the material by the quantity of the material in question.

If more than one month intervenes between the month applicable to any monthly statement and the month applicable to the immediately succeeding monthly statement, then the indices "Lt", "Pt", "Mt" and "Ft", applicable to such succeeding monthly statement shall each be the arithmetic mean, rounded off to the second decimal place, of the relevant indices applicable to the month of measurement and to such intervening months.

P 20. Indices for use in the contract price adjustment calculation

- The Indices as published by SAFCEC shall be used to determine the applicable CPAP
- The NRF reserves the right to conduct due diligence on pricing to ascertain fair market pricing as per PPPFA Regulation

CALCULATION OF BILL OF QUANTITIES AND THE CEILING BID PRICE

Summary of Bill of Quantities and Calculation of the Bid Sum

Refer to Annexure A

SBD 4 - DECLARATION OF INTEREST WITH GOVERNMENT

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise,
employed by the state? **YES/NO**
- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

¹ The power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

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

2.3.1 If so, furnish particulars:

3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods,

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

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

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

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

SBD 6.1 - PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

(delete whichever is not applicable for this tender).

- a) The applicable preference point system for this tender is the **80/20** preference point system.
- b) Either the **80/20 preference point system** will be applicable in this tender. The lowest/highest acceptable tender will be used to determine the accurate system once tenders are received.

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

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20 (Proof of BBBEE level as per BBBEE status level scoring table)
Total points for Price and SPECIFIC GOALS	100

SBD 6.1 - PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

1.1

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

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

80/20

or

90/10

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

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{min} = Price of lowest acceptable tender

SBD 6.1 - PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

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

1.2

3.2.1. POINTS AWARDED FOR PRICE

1.3

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

80/20

or

90/10

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

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{max} = Price of highest acceptable tender

POINTS AWARDED FOR SPECIFIC GOALS

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

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

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

1.4

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

SBD 6.1 - PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

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

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

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

The specific goals allocated points in terms of this tender: B-BBEE Status Level of Contributor	Number of points allocated (80/20 system)	Number of points claimed (80/20 system) (To be completed by the tenderer)
B-BBEE Level 1	20	
B-BBEE Level 2	18	
B-BBEE Level 3	14	
B-BBEE Level 4	12	
B-BBEE Level 5	8	
B-BBEE Level 6	6	
B-BBEE Level 7	4	
B-BBEE Level 8	2	
Non-compliant contributor	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

SBD 6.1 - PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

State Owned Company

[TICK APPLICABLE BOX]

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

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

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

BIDDERS QUALIFICATION TO EXECUTE THE CONTRACT

PROJECT PLANNING AND DELIVERABLES

1 Draft Project Plan

Submission of a Project Management Plan (PMP) specific to this scope of work (no generic plans will be accepted) which address the PMP through design, construction, handover and operations.

Detailed PMP for the duration of this contract. The PMP must as a minimum address the following aspects:

- Overview and project strategy
- Project standards and setup
- Project Scope
- Cost and financial management
- Project Schedule (Including Appointment and Commencement of contract, Design Activities, Reviews and Approvals, Construction, Testing and Verification and Handover to Client)
- Risk Management
- Sub-contractor management
- System Engineering
- Information & document management
- Communication and reporting

2 Method Statement based on the scope of work specific to this project.

The method statement must as a minimum address the following aspects:

- Planning
- Detailed Design process and approvals
- Project timelines / programme
- Construction process (including all testing)
- Safety, Health, Environmental & Quality compliance
- Testing and Verification
- Completion and handover
- Quality Management System

MANAGEMENT CAPABILITY

1 Past performances and quality (minimum)

Evidence of two past projects to be submitted for a minimum value of R1 million each .

2 Health and safety (minimum)

Health, Safety, Environmental and Quality (SHEQ) Management Plan for the execution of this Contract and a Quality Management System or Equivalent, based on Quality Management principals, Certification and Compliance Standard

specific to this scope of work (no generic plans will be accepted) which address SHEQ through design, construction, handover and operations) and a Quality Management System or Equivalent, (based on the following principals, Customer focus; Leadership; Involvement of people; Process approach; System approach; Continual improvement; Fact-based decision making, and Mutually beneficial supplier relationships)

3 Compensation for Occupational Injuries and Diseases Act

Letter of good standing in terms of the Compensation for Occupational Injuries and Diseases Act.

KEY PERSONNEL REQUIREMENTS

Minimum key personnel required	Minimum Academic Qualification Required	Professional Registration required	Required minimum years of experience, skills pre-requisites and knowledge in the profession relevant to this project, calculated from date of qualification in that specific professional role
Construction Manager	National building Diploma or equivalent/higher qualification in Construction management	No	Minimum 5 Years' experience in building site management
Foreman	NQF 4 or Equivalent in Plumbing	Trade Test (Plumbing)	5 Years' experience in project supervision of contracts of a similar nature
Occupational Health, Safety & Environmental (SHE) Representative (Full time on site)	Relevant degree / diploma in occupational health and safety	Yes, Registered with SACPCMP as Health and Safety Officer	5 - 10 Years' experience as a SHE Representative on projects of a similar nature

For bidding purposes, please provide the above as follows:

Schedule 1: Schedule of Key Personnel: Construction Manager and Foreman. Proposed Construction Manager and Foreman personnel's information; Qualification, Experience and professional registration) to be included. Only personnel included on this schedule will be assessed in terms of qualifying criteria

Schedule 2: Certified copies of Professional Qualification of proposed Key Persons: Append to Schedule 1: Construction Manager and Foreman. Please attach in the order that personnel are listed on the schedule)

Schedule 3: Certified copies of Professional Registration of Key Persons: Append to Schedule 1: Foreman and H&S Officer. Please attach in the order that personnel are listed on the schedule)

TRACK RECORD

1 Projects completed

Provide proof of two completed plumbing works projects each of value greater than R1 million completed in the last 60 months.

For each project, provide description, relevance to this bid, project cost, duration, any special achievement or innovation procedures applied, quality standard, variations, total cost between original and variations, completion date, and time extensions

2 Reference letters

Provide for each of the above plumbing works projects a reference letter from the client. These references meet the minimum threshold of “Meets requirements” in the template provided. Service providers can use their own template but must address the risks set out in the reference letter template and provide contact details for due diligence confirmation.

RESOURCES AVAILABLE

Equipment (list all equipment relevant to this project)

REFERENCE LETTER PREAMBLE

The bidding entity, its sub-contractors and joint venture partners must provide at least two credible, written and contactable references each from the clients for whom projects (not older than 60 months) have been undertaken similar to the scale and nature of the project and has indicated their willingness to take NRF representatives on such site visits to such client premises. The submitted reference letters should indicate satisfactory performance on all project deliverables and timelines for the project of similar scale and nature to this bid. The references can be provided in the following format:

REFERENCE LETTER FORMAT (format not mandatory)

Bidder's Letterhead

We are submitting a bid for the contract described below. We appreciate your assistance and effort in completing on your letterhead the reference as set out below on your experience with us.

Referee Letterhead	Referee Legal Name	
Reference on Company:		
Bid Number:	NRF/SAASTA BULD/45/2024-25	
Bid Description		
Client Company		
Client Point of Contact & Tel Number		
Date of Project (From – To)		
Description of Project		
Role of bidder in project		
Relevance to this bid		
Overall impression	Other comments	
Approximate value of contract		

Would you use the service provider again?		<input type="checkbox"/> YES <input type="checkbox"/> NO
Completed by:		
Signature:		
Company Name:		
Contact Telephone Number:		
Date:		

EVALUATION OF BIDDER'S ABILITY TO DELIVER

Document description	<u>Reference to bidder's document</u>	<u>Weight</u>	<u>Criteria</u> (All criteria are weighted equally to each other)	<u>Grading Scheme</u>	<u>Bid Section Reference</u>	<u>SCM Verification</u>
Proof of CIDB Grading 3 SO (Verified on CIDB Website)		Mandatory	Has the bidder a valid CIDB grading certificate?	Yes/No	Section 1 Page 4	
Signed SBD 4		Mandatory	Do the bidder and its directors have any interest in government?	Yes/No	Pages 25 to 27	
SBD 6.1		Mandatory	Does the bidder declare the minimum percentage of subcontracting and claiming BBBEE points?	Yes/No	Pages 28 to 32	
Briefing attendance register		Mandatory	Did the bidder attend the briefing session?	Yes/No	Page 1	
Letters of good standing(COIDA)		Mandatory	Is the bidder in good standing (COIDA)?	Yes/No	Section 3 Page 34	
Signed SBD 3.2		Mandatory	Did the bidder submit its pricing schedule?	Yes/No	Pages 21	
Signed Offer and Acceptance form		Mandatory	Has the bidder signed the offer section of the Offer and Acceptance form? Failure which will result in disqualification	Yes/No	Page 41	

Document description	Reference to bidder's document	Weight	Criteria (All criteria are weighted equally to each other)	Grading Scheme	Bid Section Reference	BEC Verification
CV of the construction manager		Mandatory	Does the assigned construction manager meet the minimum specification? 1. National building Diploma or equivalent/higher qualification; 2. Minimum of 5 Years' experience in building site management	Yes/No	Page 30	
CV of the Foreman		Mandatory	Does the assigned foreman meet the minimum specification? 1. NQF 4 or Equivalent; 2. Trade Test: Plumbing 3. Minimum of 5 Years' experience in project supervision of contracts of a similar nature	Yes/No	Page 30 to 31	
CV of the SHE officer		Mandatory	Do the SHE officer meet the minimum specification? 1. Relevant degree / diploma; 2. Minimum of 3 Years' experience as a SHE Representative on projects of a similar nature Registered with SACPCMP as a Health and Safety Officer.	Yes/No	Page 31	
Details of two projects		Mandatory	Does each project meet the minimum threshold of R1 million project value completed within the last 60 months?	Yes/No	Section 1 Page 35	
Reference letters		Mandatory	Are the reference letters of the two projects in construction attached and not older than 60 months? Orders and appointment letters will not be accepted	Yes/No	Section 2 Page 35	

Document description	Reference to bidder's document	Weight	Criteria (All criteria are weighted equally to each other)	Grading Scheme	Bid Section Reference	BEC Verification
Draft project plan		Mandatory	Does the bidder's project plan demonstrate meeting the project duration of 4 months?	Yes/No	Section 1 Page 33	
BIDDER IS ABLE TO DELIVER THE SPECIFICATION?				YES - PASS TO PRICING	NO - DISQUALIFIED	

Bidders failing to meet “Go” in all criterions will be disqualified

FORM OF OFFER AND ACCEPTANCE

OFFER

The Employer, identified in this document as the legal entity National Research Foundation and in the Acceptance signature block, has solicited offers to enter into a contract in respect of the works set out in this document.

The bidder, identified in the Supplier Information Section and in the Offer signature block below, has examined the documents listed in this document and addenda thereto, and by submitting this Offer has accepted the conditions of this bid invitation.

By the representative of the bidder, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance, the bidder offers to perform all of the obligations and liabilities of the contractor under this contract including the supply all or any of the goods, works, and services described in this document to the NRF in accordance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions set out in this document. The bidder confirm that it has satisfied itself to the correctness and validity of its bid/offer in response to this document; that the total price covers all the goods, works and services specified in this document and cover all of its obligations; and the bidder accepts that any mistakes regarding prices, rates, and calculations will be at its own risk. The bidder declares that it has not participated in any collusive practices with any bidder or any other person regarding this or any other bid.

The bidder's offer remains binding upon the bidder and opens for acceptance by the NRF during the validity period indicated and calculated from the closing time of this bid invitation.

The Offered Total of The Prices inclusive of Value Added Tax is:

R	(in figures)	(in Words)
<p>The NRF accepts this offer only where its duly authorised Delegated Authority has approved the award of this bid to the Offer or and the duly authorised representative of the NRF signs the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the bidder/offer or before the end of the period of validity stated in this document, whereupon the bidder/offer or becomes the party named as the contractor in the conditions of contract set out in this document.</p>		

For the Bidder/Tenderer

Name (Print)	
--------------	--

Capacity	
----------	--

Signature	
-----------	--

Witness 1

Name	
------	--

Signature	
-----------	--

Witness 2

Name	
------	--

Signature	
-----------	--

Date	
------	--

ACCEPTANCE

By signing this part of this Form of Offer and Acceptance, the NRF, as the employer identified below, accepts the

bidder's offer. The NRF's acceptance of the bidder's offer shall form the agreement between the NRF and the bidder upon the terms and conditions contained in this document. In consideration thereof, the NRF shall pay the offer or, identified as the contractor, the amount due in accordance with this document upon delivery verification.

The offer or/bidder shall within two weeks after receiving a completed copy of this agreement, contact the NRF's agent (whose details are given in this agreement) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of this agreement at, or just after, the date this agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the offer or/bidder receives one fully completed original copy of this document. Unless the offer or/bidder (now contractor) within five (5) days of the date of such receipt notifies the NRF in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties,

<u>For the National Research Foundation</u>	
Name (Print)	
Capacity	
Signature	
Witness 1	
Name	
Signature	
Witness 2	
Name	
Signature	
Date	

ANNEXURE A: BILL OF QUANTITIES

Bill Number 1: Preliminary & General

NRF Construction Bid invitation for Construction works WATER PIPES REPLACEMENT AND WATER CONTINGENCY 2024						
Bill No 1 :	Preliminary and General items					
PAYMENT REFER TO	ITEM NO	DESCRIPTION	UNIT	QUAN-TITY	RATE	AMOUNT
	1	PRELIMINARIES & GENERAL				
	1.1	Health and Safety Compliance.	Sum	1		
	1.2	Builders and electrical work including removal of rubble associated with contract	Sum	1		
	1.3	Transportation to site	Sum	1		
	1.4	Hoisting equipment	Sum	1		
	1.5	Operating and Maintenance Manuals Including As-built Drawings for all installations	Copy	4		
	1.6	Engineering and Supervision.	Sum	1		
	1.7	Training of end user personnel.	Sum	3		
	1.8	C.O.C.'s for all Ventilation related electrical work.	Sum	1		
	1.9	12 months comprehensive maintenance as prescribed by the manufacturer including replacement of equipment, etc. if necessary.	Sum	1		
	1.10	12 months free maintenance and guarantee. An original project specific warranty certificate(s) for equipment must be submitted to the Engineer.	Sum	1		

TOTAL FOR BILL No 1 CARRIED FORWARD TO SUMMARY

Bill Number 2: Wet Services

NRF Construction Bid invitation for Construction works WATER PIPES REPLACEMENT AND WATER CONTINGENCY 2024						
Bill No 2: Wet Services						
PAYMENT REFER TO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	2	<u>WET SERVICES</u>				
	2.1	<u>SANITARY PLUMBING uPVC PIPING</u>				
		WC Pan piping and fittings				
	2.1.1	Supply Ø 110 mm soil uPVC, WC connector including wax ring, piece, fittings and all requisite accessories	No	27		
	2.1.2	Install Ø 110 mm soil uPVC, WC connector including wax ring, piece, fittings and all requisite accessories	No	27		
	2.1.3	Supply 110 mm Soil, uPVC, soil piping piece	No	40		
	2.1.4	Install 110 mm Soil, uPVC, soil piping piece	No	40		
	2.1.5	Supply 110 mm Soil, uPVC, soil 90° elbow plus Inspection eye	No	27		

	2.1.6	Install 110 mm Soil, uPVC, soil 90° elbow plus Inspection eye	No	27		
	2.1.7	Supply 110 mm Soil, uPVC, soil 90° plain bend,	m	27		
	2.1.8	Install 110 mm Soil, uPVC, soil 90° plain bend,	m	27		
	2.1.9	Supply 110 mm Soil, uPVC, soil piping piece	m	45		
	2.1.10	Install 110 mm Soil, uPVC, soil piping piece	m	45		
	2.1.11	Supply 110 mm Soil, uPVC 45° soil ribbed junction	No	20		
	2.1.12	Install 110 mm Soil, uPVC 45° soil ribbed junction	No	20		
	2.1.13	Supply fittings and ancillaries	Lot	1		
	2.1.14	Install fittings and ancillaries	Lot	1		
Wash Hand Basin piping and fittings						
	2.1.15	Supply Ø 40 mm WHB Drainage connection including, tail piece, P-trap or bottle with inspection eye, tail piece, 90° elbows, compression ring, couplings, gaskets, washers, locknuts, adapters, and all requisite accessories	No	25		
	2.1.16	Install Ø 40 mm WHB Drainage connection including, tail piece, P-trap or bottle with	No	25		

		inspection eye, tail piece, 90° elbows, compression ring, couplings, gaskets, washers, locknuts, adapters, and all requisite accessories				
	2.1.17	Supply 50/40/50 mm waste uPVC waste plain junction	No	25		
	2.1.18	Install 50/40/50 mm waste uPVC waste plain junction	No	25		
	2.1.19	Supply 50 mm Soil, uPVC 90° waste bend plus Inspection eye	No	25		
	2.1.20	Install 50 mm Soil, uPVC 90° waste bend plus Inspection eye	No	25		
	2.1.21	Supply 50 mm Soil, uPVC 45° waste ribbed junction	No	25		
	2.1.22	Install 50 mm Soil, uPVC 45° waste ribbed junction	No	25		
	2.1.23	Supply fittings and ancillaries	Lot	1		
	2.1.24	Install fittings and ancillaries	Lot	1		
Sink piping and fittings						
	2.1.25	Supply Ø 40 mm sink Drainage connection including, tail piece, P-trap with inspection eye, tail piece, 90° elbows, compression ring, couplings, gaskets, washers, locknuts, adapters, and all	No	1		

		requisite accessories				
	2.1.26	Install Ø 40 mm sink Drainage connection including, tail piece, P-trap with inspection eye, tail piece, 90° elbows, compression ring, couplings, gaskets, washers, locknuts, adapters, and all requisite accessories	No	1		
CARRIED FORWARD						
	ITEM NO	DESCRIPTION	UNIT	QUAN-TITY	RATE	AMOUNT
BROUGHT FORWARD						
	2.1.27	Supply 50 mm Soil, uPVC 90° waste bend plus Inspection eye	No	2		
	2.1.28	Install 50 mm Soil, uPVC 90° waste bend plus Inspection eye	No	2		
	2.1.29	Supply fittings and ancilliaries	Lot	1		
	2.1.30	Install fittings and ancilliaries	Lot	1		
Shower piping and fittings						

	2.1.31	Supply Ø 110 mm shower drain connection including strainer, P-trap, all the requisite fittings and accessories	No	2		
	2.1.32	Install Ø 110 mm shower drain connection including strainer, P-trap, all the requisite fittings and accessories	No	2		
	2.1.33	Supply 110 mm uPVC vertical connection piece	m	2		
	2.1.34	Install 110 mm uPVC vertical connection piece	m	2		
	2.1.35	Supply 110 mm Soil, uPVC 90° soil bend	No	2		
	2.1.36	Install 110 mm Soil, uPVC 90° soil bend	No	2		
	2.1.37	Supply 110 mm Soil, uPVC 1 m piping pies	No	2		
	2.1.38	Install 110 mm Soil, uPVC 1 m piping pies	No	2		
	2.1.39	Supply 110 mm waste uPVCWC 90° bend plus Inspection eye	No	2		
	2.1.40	Install 110 mm waste uPVCWC 90° bend plus Inspection eye	No	2		
	2.1.41	Supply 110 mm Soil, uPVC 45° waste ribbed junction	No	2		
	2.1.42	Install 110 mm Soil, uPVC 45° waste ribbed junction	No	2		
	2.1.43	Supply fittings and ancilliaries	Lot	1		
	2.1.44	Install fittings and ancilliaries	Lot	1		

CARRIED FORWARD						
	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		BROUGHT FORWARD				
		Above ground Piping				
	2.1.55	Supply 110 mm Soil piping	m	5		
	2.1.56	Install 110 mm Soil piping	m	5		
	2.1.57	Supply 125 mm Soil piping	m	20		
	2.1.58	Install 125 mm Soil piping	m	20		
		Under Slab Soffit Piping				
	2.1.63	Supply 50 mm Waste piping	m	20		
	2.1.64	Install 50 mm Waste piping	m	20		
	2.1.65	Supply 110 mm Soil piping	m	30		
	2.1.66	Install 110 mm Soil piping	m	30		
	2.1.67	Supply 125 mm Soil, uPVC 45° soil ribbed junction	No	8		
	2.1.68	Install 125 mm Soil, uPVC 45° soil ribbed junction	No	8		
	2.1.69	Supply 110 mm Soil, uPVC 45° waste ribbed junction	No	25		
	2.1.70	Install 110 mm Soil, uPVC 45° waste ribbed junction	No	25		
	2.1.71	Supply 110 mm Soil, uPVC tee	No	10		
	2.1.72	Install 110 mm Soil, uPVC tee	No	10		

	2.1.73	Supply fittings and ancillaries	Lot	1		
	2.1.74	Install fittings and ancillaries	Lot	1		
Supplementary items						
	2.1.77	Supply 125 mm Stub Stack plus OVP	No	12		
	2.1.78	Install 125 mm Stub Stack plus OVP	No	12		
	2.1.79	Supply 125 mm rodding eye	No	12		
	2.1.80	Install 125 mm rodding eye	No	12		
	2.1.79	Supply 110 mm rodding eye	No	15		
	2.1.80	Install 110 mm rodding eye	No	15		
	2.1.79	Supply 50 mm access eye	No	15		
	2.1.80	Install 50 mm access eye	No	15		
2.2	<u>WATER SUPPLY CLASS 0 COPPER PIPING</u>					
COLD WATER PIPING						
	2.2.1	Supply DN 35 mm copper pipe	m	10		
	2.2.2	Install DN 35 mm copper pipe	m	10		
	2.2.3	Supply DN 28 mm copper pipe	m	30		
	2.2.4	Install DN 28 mm copper pipe	m	30		
	2.2.5	Supply DN 22 mm copper pipe	m	30		
	2.2.6	Install DN 22 mm copper pipe	m	30		
	2.2.7	Supply DN 15 mm copper pipe	m	50		

	2.2.8	Install DN 15 mm copper pipe	m	50		
CARRIED FORWARD						
	ITEM NO	DESCRIPTION	UNIT	QUAN-TITY	RATE	AMOUNT
BROUGHT FORWARD						
	2.2.9	Supply DN 35 mm isolating valves	No	8		
	2.2.10	Install DN 35 mm isolating valves	No	8		
	2.2.11	Supply DN 28 mm isolating valves	No	6		
	2.2.12	Install DN 28 mm isolating valves	No	6		
	2.2.13	Supply DN 22 mm isolating valves	No	27		
	2.2.14	Install DN 22 mm isolating valves	No	27		
	2.2.15	Supply DN 15 mm shut off valves	No	30		
	2.2.16	Install DN 15 mm shut off valves	No	30		
	2.2.15	Supply DN 28 mm 90° bend	No	10		
	2.2.16	Install DN 28 mm 90° bend	No	10		
	2.2.17	Supply DN 22 mm 90° bend	No	10		
	2.2.18	Install DN 22 mm 90° bend	No	10		
	2.2.19	Supply DN 15 mm 90° bend	No	30		
	2.2.20	Install DN 15 mm 90° bend	No	30		
	2.2.21	Supply DN 32/25/32 Tee	No	20		
	2.2.22	Install DN 32/25/32 Tee	No	20		
	2.2.23	Supply DN 32/15/32 Tee	No	20		

	2.2.24	Install DN 32/15/32 Tee	No	20		
	2.2.25	Supply DN 25/15/25 Tee	No	20		
	2.2.26	Install DN 25/15/25 Tee	No	20		
	2.2.27	Supply DN 15/15/15 Tee	No	30		
	2.2.28	Supply DN 15/15/15 Tee	No	30		
HOT WATER PIPING ARMAFLEX 5-6MM INSULATED						
	2.2.27	Supply DN 28 mm copper pipe	m	20		
	2.2.28	Install DN 28 mm copper pipe	m	20		
	2.2.29	Supply DN 22 mm copper pipe	m	30		
	2.2.30	Install DN 22 mm copper pipe	m	30		
	2.2.31	Supply DN 15 mm copper pipe	m	25		
	2.2.32	Install DN 15 mm copper pipe	m	25		
	2.2.33	Supply DN 28 mm isolating valves	No	6		
	2.2.34	Install DN 28 mm isolating valves	No	6		
	2.2.35	Supply DN 22 mm isolating valves	No	4		
	2.2.36	Install DN 22 mm isolating valves	No	4		
	2.2.37	Supply DN 15 mm shut off valves	No	30		
	2.2.38	Install DN 15 mm shut off valves	No	30		
	2.2.39	Supply DN 28 mm 90° bend	No	10		
	2.2.40	Install DN 28 mm 90° bend	No	10		
	2.2.41	Supply DN 22 mm 90° bend	No	8		
	2.2.42	Install DN 22 mm 90° bend	No	8		
	2.2.43	Supply DN 15 mm 90° bend	No	30		
	2.2.44	Install DN 15 mm 90° bend	No	30		

CARRIED FORWARD						
	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
		BROUGHT FORWARD				
	2.2.45	Supply DN 28/22/28 Tee	No	10		
	2.2.46	Install DN 28/22/28 Tee	No	10		
	2.2.47	Supply DN 22/15/22 Tee	No	20		
	2.2.48	Install DN 22/15/22 Tee	No	20		
	2.2.51	Supply DN 15/15/15 Tee	No	30		
	2.2.52	Supply DN 15/15/15 Tee	No	30		
	2.2.53	Supply air vent	No	2		
	2.2.54	Install air vent	No	2		
	2.2.55	Supply Ø 15 mm double check valve assembly	No	1		
	2.2.56	Install Ø 15 mm double check valve assembly	No	1		
	2.3	<u>GEYSER INSTALLATION</u>				
	2.3.1	Supply 175 lt heat pump geyser, 3kw capacity, 3kw Power input, 1ph, 230v, 50Hz, including all the requisite fittings as per SANS 10252 and 10254 requirements	No	3		
	2.3.2	Install 175 lt heat pump geyser, 3kw capacity, 3kw Power input, 1ph, 230v, 50Hz, including all the	No	3		

		requisite fittings as per SANS 10252 and 10254 requirements				
CARRIED FORWARD						
	ITEM NO	DESCRIPTION	UNIT	QUAN-TITY	RATE	AMOUNT
BROUGHT FORWARD						
	2.4	<u>Cold Water Storage Tank</u>				
	2.4.1	Provision for Basic water treatment equipment for the existing (To be specified by the Water Treatment Specialist)	Sum	1	N/A	N/A
		Domestic cold water storage plant room				
	2.4.2	Provision for revamping the existing water storage plant room	Sum	1	N/A	N/A
	2.5	<u>General</u>				
	2.5.1	Miscellaneous plus items not herein mentioned for a complete compliant and functional installation	Sum	1		
	2.5.2	Testing and commissioning	Sum	1		
	2.5.3	Issuance of plumbing certificates	Sum	1		
	2.5.4	Provision for the replacement of existing WC cistern system to generic Duofix frame (1120mm height), concealed)	28	1		
	2.5.5	Provision of filtration System as per specification by	Sum	1		R200000.00

		specialist according to SANS 241 standard for drinking water (minimum requirement for portable water to be considered safe for human consumption)				
TOTAL FOR BILL No 5 CARRIED FORWARD TO SUMMARY						

Summary

NRF Construction Bid invitation for Construction works WATER PIPES REPLACEMENT AND WATER CONTINGENCY_2024			
SUMMARY OF MECHANICAL INSTALLATION			
BILL 1	:	Preliminary & General	R
BILL 2	:	Wet services	R
		Subtotal 1	R
		Add 10% contingency amount	R
		Subtotal 2	R
		Add 15% value added tax	R
TOTAL FOR MECHANICAL INSTALLATION CARRIED FORWARD TO			
TENDER FORM			R

NRF DIDACTA BUILDING, PRETORIA.

DRAWING SCHEDULE- WET SERVICES INSTALLATION

DRAWINGS #	DRAWING TITLE	REVISION	SIZE
VO1-DW-12	MAIN ROOF DOMESTIC HOT & COLD WATER LAYOUT	T	A0
VO1-ID-13	MAIN ROOF DOMESTIC INTERNAL DRAINAGE LAYOUT	T	A0
VO1-DW-10	SECOND FLOOR DOMESTIC HOT & COLD WATER LAYOUT	T	A0
VO1-ID-11	SECOND FLOOR INTERNAL DRAINAGE LAYOUT	T	A0
VO1-DW-06	FIRST FLOOR DOMESTIC HOT & COLD WATER LAYOUT	T	A0
VO1-ID-07	FIRST FLOOR INTERNAL DRAINAGE LAYOUT	T	A0
VO1-DW-04	GROUND FLOOR DOMESTIC HOT & COLD WATER LAYOUT	T	A0
VO1-ID-05	GROUND FLOOR INTERNAL DRAINAGE LAYOUT	T	A0
VO1-DW-08	BASEMENT DOMESTIC HOT & COLD WATER LAYOUT	T	A0
VO1-ID-09	BASEMENT INTERNAL DRAINAGE LAYOUT	T	A0
VO1-DW-00	ABLUTION BLOCK-DOMESTIC HOT & COLD WATER LAYOUT- SHEET 1 OF 2	T	A1
VO1-DW-01	ABLUTION BLOCK-DOMESTIC HOT & COLD WATER LAYOUT- SHEET 2 OF 2	T	A1
VO1-ID-00	ABLUTION BLOCK-INTERNAL DRAINAGE LAYOUT- SHEET 1 OF 2	T	A1
VO1-ID-01	ABLUTION BLOCK-INTERNAL DRAINAGE LAYOUT- SHEET 2 OF 2	T	A1

ANNEXURE: C: Site Plan

National Research Foundation/South African Agency for Science and Technology Advancement. Didacta Building, 211 Nana Sita Street, Pretoria Central. (25°45'04"S 28°11'21"E)

