



senedi

South African National Energy
Development Institute.

REQUEST FOR

QUOTATION FOR

HIGH-PERFORMANCE ORGANIC ACID BASED LIME DESCALING CLEANING AGENT THAT PROTECTS MILD STEEL, STAINLESS STEEL, COPPER AND BRASS AGAINST LIME ATTACK.

NAME OF BIDDER.....

POSTAL ADDRESS

STREET ADDRESS

CONTACT PERSON

TELEPHONE NUMBER Code Number

CELL PHONE NUMBER Code Number

FACSIMILE NUMBER Code Number

E-MAIL ADDRESS

Signature of Bidder **Date**

RFQ Number	RFQ0726
Date of RFQ	1 July 2026
SANEDI Contact	All enquiries and RFQ submissions must be directed to : Name: SCM Department Tel: 011 038 4300 Enquiries: e-mail address: enquiries.procurement@sanedi.org.za Website address: www.sanedi.org.za
Closing date & Time	8th July 2026 at 11:00am
Electronic - Submission	E-mail submission only: quotes.procurement@sanedi.org.za
Work specification (and Technical specifications)	1.Project Background SANEDI requires the supply (and delivery only if outside of Gauteng or Limpopo Province) of a suitable descaling solvent/chemical cleaning agent for the removal of limescale, calcium carbonate deposits, mineral fouling and associated scale build-up from fifty (50) hot water geysers, each with a nominal capacity of 200 litres; and that protects mild steel, stainless steel, copper and brass against lime attack. The descaling chemical will be used to restore heat transfer efficiency, improve operational performance, and extend the service life of the geysers. Suitable descaling products may include phosphoric acid-based, sulfamic acid-based, citric acid-based or equivalent commercial descaling formulations specifically designed for hot water systems and water heaters. Descaling agents are commonly used for the removal of limescale and mineral deposits from water heating equipment.
Scope of Works	2.Scope of work To provide the product that is guaranteed to clean extreme lime build up, that is safe for use in solar (indirect high pressure) and electrical resistance geyser cleaning. The amount of product supplied must be able to treat 50 x 200L tanks with approx. 15-30mm scale buildup. SANEDI is inviting quotes, from reputable and qualified companies with a track record of success in producing limescale solvents, to procure sufficient quantities of industrial-grade descaling solvent to effectively clean and descale: • 50 x 200 litre hot water geysers • Total installed geyser capacity: 10,000 litres Key Deliverables Performance requirements include that the descaling solvent shall: • Effectively dissolve limescale and mineral deposits • Be suitable for use in hot water systems and geysers • Contain corrosion inhibitors where applicable • Not cause excessive damage to steel, copper, brass, or compatible plumbing components when

used according to manufacturer's instructions

- Be supplied in sealed containers suitable for transportation and storage

3. Scope of Works

The successful supplier shall provide:

- Descaling agent supplied must be a concentrated descaling chemical suitable for:
 - o Removal of calcium carbonate and limescale deposits
 - o Removal of mineral fouling associated with hard water
 - o Use in domestic and commercial hot water geysers
 - o Use on steel, copper, brass, and associated plumbing materials
 - o Safe disposal after use in accordance with applicable environmental regulations
- **Quantity required** shall be proposed by the supplier that shall advise the required quantity based on the recommended dilution ratio and application methodology. For tendering purposes, suppliers shall base their quotations on providing sufficient concentrated descaling solvent to treat fifty (50) 200-litre geysers, indicative requirement:
 - o Total geyser volume: 10,000 litres
 - o Typical descaling products are diluted between approximately 1:5 and 1:10 depending on scale severity.
 - o Suppliers should therefore provide a recommended quantity of concentrate together with supporting calculations.
- **Estimated concentrate** requirement:
 - o Light scaling: approximately 1,000 litres concentrate
 - o Moderate scaling: approximately 1,500 litres concentrate
 - o Heavy scaling: approximately 2,000 litres concentrate
 - o Suppliers shall clearly indicate: à Dilution ratio à Expected coverage à Quantity required per 200-litre geyser à Total quantity supplied
- **Technical Documentation**, the supplier shall provide:
 - o Product Data Sheet (PDS)
 - o Safety Data Sheet (SDS)
 - o Recommended operating instructions
 - o Storage requirements
 - o Disposal requirements
 - o Material compatibility information
- **Performance requirements** indicate the descaling solvent shall:
 - o Effectively dissolve limescale and mineral deposits
 - o Be suitable for use in hot water systems and geysers
 - o Contain corrosion inhibitors where applicable
 - o Not cause excessive damage to steel, copper, brass, or compatible plumbing components when used according to manufacturer's instructions
 - o Be supplied in sealed containers suitable for transportation and storage
- **Delivery requirements**, the supplier shall quote for delivery and/or collection options only if outside of Gauteng or Limpopo Province
 - o SANEDI will collect within Gauteng and/or Limpopo
 - o Suppliers shall indicate: à Collection point address, à Available stock quantities, à Lead times, à

	Delivery costs (if applicable), à Packaging sizes (e.g., 25 L, 50 L, 200 L drums, IBCs) Knowledge transfer Suppliers shall provide: • Product description sheets (PDS) • Chemical composition or active ingredients • Product description sheets (PDS) • Chemical composition or active ingredients • Recommended dilution ratio • Quantity proposed for treatment of 50 × 200 L geysers • Unit price and total price • Delivery or collection arrangements • Technical support contact details • Copies of relevant certifications and quality documentation Requirements Health, safety and environmental requirements: • The supplied product shall comply with applicable South African chemical handling and transport regulations. • The supplier shall provide: - o SDS documentation - o Hazard classification - o PPE requirements - o Emergency response information
Evaluation Criteria	

Criteria	Evidence	Scoring Guidelines [with scores judged between 0 and 10]	Weighting
1. Capacity, capability and experience of the company	Description of company's capabilities must have relevant years in previous/current and experience	0 = less than 5 years of relevant experience, little/no demonstrable experience in supplying suitable descaling solvent/chemical cleaning agents 5 = 4-5 years of relevant experience as a company with limited track record of experience in supplying suitable descaling solvent/chemical cleaning agents 10 = 7 or more years of relevant experience as a company with proven experience in supplying suitable high performing descaling solvent/chemical cleaning agents	30%
2. References Letters	Reference letters from clients indicating successful experience in supplying suitable descaling solvent/chemical cleaning agents	0 = no reference letter provided 3 = 2 reference letters provided 7 = 3 reference letters provided 10 = 4 or more reference letters provided	10%
4. Technical suitability and compliance with specification	Compliance with the technical specifications of the scope of works in section above	0 = no scope of work understanding or evidence (test sheets, reactivity statistics etc.) of suitable product effectivity provided 3 = basic outline of the "Scope of Work" with little to no detail 7 = evidence (test sheets, reactivity statistics etc.) of suitable product effectivity provided 10 = highly detailed evidence (test sheets, reactivity statistics etc.) of suitable product effectivity provided	45%
5. Product requirements	Product specific details with regard to: - Quantity supplied - Product safety - Availability and lead time	0 = Product specific details and/or information NOT provided 2 = Minimal Product specific details provided but not meeting minimum information requirements in evidence 6 = Product specific details provided meeting minimum information requirements in evidence 10 = Meets product specific details required and listed information requirements	15%
Total			100%
Technical Threshold			70%

Discounted amounts	R
Disbursements	
VAT inclusive	R
Total Amount	
VAT inclusive	R
Other Requirements	The supplier must submit the following returnable schedules: 1. Pricing schedule 2. Attach SBD 4 and SBD 6.1 3. Attach valid tax clearance 4. Certified BBBEE certificate Forms are available on www.sanedi.org.za

DISCLAIMER:

- SANEDI has not appointed external consultants to liaise with bidders on any matter. All queries regarding this bid must be submitted in writing to the Supply Chain Management Unit of SANEDI.
- SANEDI issues this invitation for bids in good faith; however, it reserves the right to:
 - o Appoint more than one service provider, if required.
 - o Cancel or delay the selection process at any time, without explanation.
 - o Not select any of the respondents to this bid invitation, without explanation.
 - o Exclude certain services, without explanation.
- SANEDI has zero tolerance for fraudulent or corrupt activities.
- Any attempt by SANEDI employees to solicit bribes from bidders is unlawful and must be reported immediately.
- If a bribe is paid, SANEDI will not be liable for any financial loss, as no SANEDI employee or committee member may request payment to influence a bid outcome.
- Fraud, bribery, and corruption are unlawful, and SANEDI will disqualify any bidder found to be involved from further consideration in the tender process.
- A contract will only be valid once reduced to writing and signed by the designated responsible person of both parties. At SANEDI, this is the Chief Executive Officer or his/her duly authorized delegate.

SBD 4: Bidder's Declaration of Interest

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise,

employed by the state?

YES/NO

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

Full Name	Identity Number	Name of State institution

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

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

2.2.1 If so, furnish particulars:

.....
.....

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

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

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

3.1 I have read and I understand the contents of this disclosure;

3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.

3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

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

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

3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting

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.

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

1. Preference Points

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

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 Preference Points applicable:

a) The applicable preference point system for this tender is the **80/20** preference point system.

1.3 Points for this tender shall be awarded for:

(a) Price; and

(b) Specific Goals.

1.4 The maximum points for this tender are allocated as follows:

	POINTS
Price	80
Specific Goals	20
Total points for price and specific goals	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 SANEDI 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 SANEDI.

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).
- (f) “B-BBEE” means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (g) “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;
- (h) “bid” means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (i) “Broad-Based Black Economic Empowerment Act” means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (j) “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;
- (k) “functionality” means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (l) “proof of B-BBEE status level of contributor” means:
 - B-BBEE Status level certificate issued by an authorized body or person;
 - A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 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;

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc}
 \text{80/20} & \text{or} & \text{90/10} \\
 P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) & \text{or} & P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)
 \end{array}$$

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

4. 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

(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.

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

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	Number of points allocated (80/20 system)			Number of points claimed (80/20 system) (To be completed by the tenderer)
	Total points possible	Indicator	Points allocated	
B-BBEE Status level of Contributor	10	Level 1	10	
		Level 2	9	
		Level 3	8	
		Level 4	5	
		Level 5	4	
		Level 6	3	
		Level 7	2	
		Level 8	1	
		Non-compliant	0	
Women	5	Women Owned 76% - 100%	100%	
		Women Owned 51% - 75%	75%	
		Women Owned 26% - 50%	50%	
		Women Owned 5% - 25%	25%	
		Women Owned less than 5% - 0%	0%	
Youth	2.5	Youth Owned 76% - 100%	100%	
		Youth Owned 51% - 75%	75%	
		Youth Owned 26% - 50%	50%	
		Youth Owned 5% - 25%	25%	
		Youth Owned less than 5% - 0%	0%	
Persons with Disability	2.5	Person with Disability 76% - 100%	100%	
		Persons with disability 51% - 75%	75%	
		Persons with disability 26% - 50%	50%	
		Persons with disability 5% - 25%	25%	

		Persons with disability less than 5% - 0%	0%	
TOTAL FOR SPECIFIC GOALS	20			

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4 Company registration number:.....

4.5 TYPE OF COMPANY/FIRM

Type of Firm	Tick the applicable box here
Partnership/Joint Venture/ Consortium	
One-person business/sole propriety	
Close corporation	
Public Company	
Personal Liability Company	
(Pty) Limited	
Non -Profit Company	
State Owned Company	

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:	
	
	
	

SBD 9: Certificate of Independent Bid Determination

I, the undersigned, in submitting the accompanying bid for

in response to the invitation for the bid made by SANEDI do hereby make the following statements that I certify to be true and complete in every respect:

I therefore certify, on behalf of.....that I have read and I understand the contents of this Certificate;

1. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
2. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
3. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
4. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:

(a) has been requested to submit a bid in response to this bid invitation;

(b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and

(c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

5. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium will not be construed as collusive bidding.

6. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:

(a) prices;

(b) geographical area where product or service will be rendered (market allocation)

(c) methods, factors or formulas used to calculate prices;

(d) the intention or decision to submit or not to submit, a bid;

(e) the submission of a bid which does not meet the specifications and conditions of the bid; or

(f) bidding with the intention not to win the bid.

7. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
8. 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.
9. 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.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date