

	Request for Quotation Methodology, drilling and sampling of Calcium Fluoride bunkers		Doc. No	NOAM-PM-RFQ-0002
			Revision	0
			Page	1 of 4

RFQ Number	NOAM-PM-RFQ-0002
Request for Quotation Date	2024/05/13
RFQ Closing Date	2024/05/31
RFQ Closing Time	16:00
Site Briefing (compulsory)	2024/05/15 (10h00)
Contact Person	Makgobe Tshabalala: ✉ Makgobe.tshabalala@necsa.co.za ☎ 012 305 6412 📞 078 158 4074
Quotation Validity	90 Days from the closing date
Submission Details	RFQ Response must be sent to: ✉ Catherine.matima@necsa.co.za
RFQ Description	Request for Quotation for methodology, drilling and sampling of Calcium Fluoride bunkers

Dear Service Provider

1. Introduction

The South African Nuclear Energy Corporation Limited (Necsa) is a state-owned public company (SOC), registered in terms of the Companies Act, (Act No. 61 of 1973), registration number 2000/003735/06.

The Necsa Group engages in commercial business mainly through its wholly-owned commercial subsidiaries: NTP Radioisotopes SOC Ltd (NTP), which is responsible for a range of radiation-based products and services for healthcare, life sciences and industry, and Pelchem SOC Ltd (Pelchem), which supplies fluorine and fluorine-based products. Both subsidiaries, together with their subsidiaries, supply local and global markets, earning valuable foreign exchange for South Africa and are among the best in their field in their respective world markets.

Necsa's safety, health, environment and quality policies provides for top management commitment to compliance with regulatory requirements of ISO 14001, OHSAS 18001 and RD 0034 (Quality and Safety Management Requirements for Nuclear Installations), ISO 9001 and ISO 17025.

Necsa promotes the science, technology and engineering expertise of South Africa and improves the public understanding of these through regular communications at various forums and outreach programmes to the community. We are a proudly South African company continuously striving, and succeeding in many respects, to be at the edge of science, technology and engineering related to the

	Request for Quotation Methodology, drilling and sampling of Calcium Fluoride bunkers		Doc. No	NOAM-PM-RFQ-0002
			Revision	0
			Page	1 of 4

safe use of nuclear knowledge to improve our world.

For more information on Necsa, please visit: www.necsa.co.za

2. Request

Necsa hereby invites interested service providers/suppliers to submit quotations, proposals or bids, as appropriate, for the provision of goods and/or services as defined below:

Scope of work

2.1 PROBLEM STATEMENT AND PURPOSE

The Thabana complex consist of different storage facilities and sub-surface concrete lined bunkers are part of these facilities. These bunkers were used for the storage of calcium fluoride (CaF_2) in a sludge form. The CaF_2 sludge originates from historical activities of the conversion plant. This sludge is believed to contain elevated levels of natural uranium.

Due to the elevated levels of natural uranium in the sludge, Waste Management (WM) has embarked on a research and development project to radiologically characterise the sludge. Historical information on the chemical composition of the sludge in the bunkers remains unknown and this project aims to fill in the gaps. An attempt to drill and sample was made but due to the small size of the drilling machine, this exercise was stopped.

For extracting samples at a minimum depth of 6 m (bunkers are believed to not exceed 7 m depth), an appropriate industrial core drilling machine needs to be used. Core drilling will allow for the extraction of precise and intact samples without compromising the integrity of the samples. This is crucial because any damage to the sample during extraction could alter its properties, potentially leading to inaccurate analysis and findings. Core drilling will minimize the impact on the structural integrity of the concrete bunker and ensure that the bunker remains stable and secure.

2.2 DESCRIPTION OF WORK

There are two used sub-surface concrete lined bunkers for the storage of CaF_2 . They are estimated to be (6 m wide; 24 m long and 7m deep) and (6 m wide, 10 m long and 6 m deep) respectively. After being filled with CaF_2 , they were backfilled with unknown levels of soil and a concrete cap/roof casted on top of the soil. The thickness of the concrete cap is approximately 180 mm (it should be noted that it could be thicker than 180 mm).

	Request for Quotation Methodology, drilling and sampling of Calcium Fluoride bunkers		Doc. No	NOAM-PM-RFQ-0002
			Revision	0
			Page	1 of 4

Each bunker is expected to be sampled 3 times (3-holes per bunker and to a depth of approximately 6 m) as WM is hoping to get a clear representative of the contents of the bunker. To minimize generating waste during operations and to also avoid releasing dust particles into the air, SONIC core drilling is the preferred method of sampling. Samples taken should be packaged and labelled by the contractor and handed over to WM personnel for further processing.

It is to be noted that the SONIC core drill does not go through concrete, therefore additional drilling to remove the concrete cap of the six holes is required. After sampling, the holes will need to be back-filled with clean sand and have the concrete cap (removed during the additional drilling) sealed back onto the bunkers. Furthermore, there are 4 bunkers which were never used and each bunker will be sampled at one hole each. The depth of these bunkers will be determined during the drilling process.

2.3 PROJECT DELIVERABLES

The services provider is expected to deliver a methodology for drilling, sampling and backfilling drilled holes (the methodology must also include the requirements for the drilling machine before any actual drilling can take place). The methodology will be reviewed and approved by Necsa.

The service provider will be required to form part of some discussions in planning for drilling and sampling activities.

Service provider is expected to hand over samples from 10 drill holes, packaged and labelled.

2.4 ADDITIONAL INFORMATION

- This project will be in two phases namely: developing a methodology and later drilling and sampling. The drilling and sampling methodology; and other Necsa's documents will have to be accepted by the National Nuclear Regulator. Sampling will only be performed once this acceptance has been obtained.
- It should be noted that the CaF₂ in question contains radioactive material in it. This means that there is a probability of the equipment getting contaminated. In the case of contamination, WM will attempt to decontaminate the equipment and if all fails, contaminated equipment will be replaced.

	Request for Quotation Methodology, drilling and sampling of Calcium Fluoride bunkers	Doc. No	NOAM-PM-RFQ-0002
		Revision	0
		Page	1 of 4

3. Attachments

1. #	Ref	DOCUMENT NAME	DESCRIPTION
1.		Declaration of Interest	Bidder's Disclosure
2.		FBD-SCM-2017-FRM-0024- Rev 7	Request to register a supplier

3.

4. Pricing

- Use Table 1 to itemize your offer, taking into account the scope of work. Additional rows can be added if there are more itemized items than the rows allocated in Table 1.
- All price quoted to include all applicable taxes.
- Price must be fixed and firm.
- **Price for developing methodology and for drilling and sampling should be provided separately in Table 1.**
- Price should include attendance cost for a compulsory 5 day statutory training at Necsa.
- Price should include cost for the preparation of the safety file.
- Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, disbursements etc.
- Quotation must be completed in full; incomplete quote could result in the submission being disqualified.
- Payment will be according to Necsa's General Conditions of Purchase.

	Request for Quotation Methodology, drilling and sampling of Calcium Fluoride bunkers	Doc. No	NOAM-PM-RFQ-0002
		Revision	0
		Page	1 of 4

Table 1: Costing

Ref #	Item description	Quantity	Unit Cost	Line Total
01		1		
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
Sub Total (Excl.)				
VAT (15%)				
TOTAL (Incl.)				

4.

	Request for Quotation Methodology, drilling and sampling of Calcium Fluoride bunkers	Doc. No	NOAM-PM-RFQ-0002
		Revision	0
		Page	1 of 4

5. Evaluation

- Phase 1- Functionality Evaluation / Technical Evaluation (N/A)**

NB: The service provider must demonstrate that they are capable of executing the works by issuing method statement they will use in executing the works.

Where functional or technical evaluation criterion is applicable, assessment will be performed in terms of the criterion listed below and the criterion may include Technical, Performance, Quality and Risk. If the bidder's response to the Technical templates does not indicate that the bidder can support an acceptable technical solution, the bidder's response will be rejected and not evaluated further.

Together; the Technical, Performance, Quality and Risk criteria make up the functionality criterion and a bidder's proposal will be evaluated for functionality out of a possible 100 points. Only RFQ responses achieving an evaluation score of greater than the set threshold points out of the possible 100 points and which score a number of points for functionality that is greater than or equal to the set threshold points of the number of points achieved by the highest scoring bid for functionality will be selected to progress to the second stage.

IMPORTANT: A bidder/s that scores less than **80 points out of 100** in respect of functionality will be regarded as submitting a non-responsive bid and will be disqualified. On the other hand, should a bidder/s meet the minimum required percentage or minimum points, they will be evaluated as per Phase 2 evaluation outlined below.

- Phase 2 - Evaluation In Terms Of Preferential Procurement Policy Framework Act, 2022**

This bid will be evaluated and adjudicated according to the 80/20 point system, in terms of which a maximum of 80 points will be awarded for price and 20 points will be allocated based on the specific goals (B-BBEE status level).

	POINTS
PRICE	80
SPECIFIC GOALS (B-BBEE status level)	20
Total points for Price and SPECIFIC GOALS	100

Preference goal

B-BBEE status level contributor

	Request for Quotation Methodology, drilling and sampling of Calcium Fluoride bunkers	Doc. No	NOAM-PM-RFQ-0002
		Revision	0
		Page	1 of 4

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

6. Required Documentation

- Tax Clearance Certificate (Tax pin issued by SARS)
- Declaration of interest (SBD 4)
- BEE Certificate / Applicable Affidavit if classified as EME
- Letter of Good Standing (COIDA)

7. Important

1. Provide a detailed methodology on how drilling and sampling will be done using the attached document as a reference.
2. The methodology will have to be accepted and approved by Necsa.
3. Due to the nature of the work to be performed, the selected bidder will be required to provide basic PPE (e.g. gloves, safety shoes, etc.) for all their employees. Necsa will supply specialized PPE.
4. Quotation must be submitted on or before the RFQ closing date and time stated above.
5. Orders above R 30 000 will be evaluated according to the PPPFA 80/20-point system and a functionality scorecard where applicable and those above R 1 Million will be subjected to the tender process.
6. This RFQ is subjected to the Necsa's General Conditions of Purchase, Preferential Procurement Policy Framework Act 2000 and the Preferential Procurement Regulations, 2022, the General

	Request for Quotation Methodology, drilling and sampling of Calcium Fluoride bunkers	Doc. No	NOAM-PM-RFQ-0002
		Revision	0
		Page	1 of 4

Conditions of Contract (GCC) and, if applicable, any other legislation or special conditions of contract.

7. Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for specific goals are not claimed.
8. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to specific goals, in any manner required by the purchaser.
9. For a bidder to obtain clarity on any matter arising from or referred to in this document, please refer queries, in writing, to the contact details provided above. Under no circumstances may any other employee within Necsa be approached for any information. Any such action might result in a disqualification of a response submitted in competition to this RFQ.
10. No goods and/or services should be delivered to Necsa without an official Necsa Purchase order.
11. Necsa reserves the right to either cancel or reject any quote and not to award the RFQ to the lowest bidder or award parts of the RFQ to different bidders, or not to award the RFQ at all.
12. The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any Necsa employee or its representatives. Such an act shall constitute a material breach of Agreement and Necsa shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.
13. By responding to this request, it shall be construed that: the bidder, hereby acknowledge to be fully conversant with the details and conditions set out in the Necsa's General Conditions of Purchase, Preferential Procurement Policy Framework Act 2000 and the Preferential Procurement Regulations, 2022, the General Conditions of Contract (GCC), Technical Information and Specifications attached, and hereby agree to supply, render services or perform works in accordance therewith.

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.

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, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

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

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.

.....
Position

.....
Name of bidder

	SUPPLIERS REGISTRATION QUESTIONNAIRE (LOCAL)	Doc. No	FBD-SCM-2017-FRM-0020
		Revision	12
		Page	1 of 4

1 GENERAL

To update Necsa's supplier database and to incorporate new legislative and other requirements all Necsa's suppliers are kindly requested to complete this questionnaire.

Any questions relating to the questionnaire can be addressed to Necsa's Supply Chain Management

Name:Zelna Webb

Tel: 012-305 6035

Street address: Elias Motsoaledi Street Extension (Church Street)

Fax: 012-305 6250

R 104 Broederstroom Pelindaba Brits Magisterial District

e-mail: zelna.webb@necsa.co.za

Madibeng Municipality *SOC State Owned Corporation

Please complete the questionnaire and return to Necsa's Supply Chain Management Administration Office.

Postal address: P O Box 582, Pretoria, 0001

Date:.....

All supplier information will be treated strictly confidential.

2 SUPPLIER INFORMATION

Registered name of supplier:

Name in which supplier trades:

Type of company *:

Web page:

Main business (if intermediary provide details):

Contact person:

Designation:

Tel:

Fax:

E-mail

Cell:

Physical address of Business:

Number and street name: _____

Suburb: _____ City/Town: _____

Code: _____ Country: _____

Postal address: (This is the address to which an statement/payment/ enquiry and orders to be sent to)

P O Box/Private Bag: _____

Suburb: _____ City/Town: _____

Code: _____ Country: _____

** (e.g. listed company, public company, private company, closed Corporation, joint venture, trust)*

	SUPPLIERS REGISTRATION QUESTIONNAIRE (LOCAL)	Doc. No	FBD-SCM-2017-FRM-0020
		Revision	12
		Page	2 of 4

3 FINANCIAL INFORMATION **Necsa's payment terms is 30 days.**

Size of company (<i>annual turnover</i>):		
Name of banker:		
Name of account holder:		
Branch:	Branch code No:	
Account No:	VAT No:	
Company external auditor/accounting officer:		Tel:
Company Financial Contact Person: _____ Tel: _____ E-mail: _____ Fax: _____		
Trade references of three existing clients where enquiries may be made		
Name of company	Address	Contact Details
		Name: Tel: E-mail
		Name: Tel: E-mail
		Name: Tel: E-mail

4 PRODUCT

4.1 General Information

Is your Business: An agent ☐ Manufacturer ☐ Distributor ☐ Consultant ☐ Contractor ☐	
Mark appropriate (X) (Note that products include services)	
Products or product type supplied to Necsa	
Over past 3 years:	To be supplied in future:
Date of last delivery (YYYYMM):	
<i>** E.g. specific product is a ballpoint pen but for a range of different pens, papers, etc. the product type would be stationary.</i>	
Name of subcontractor:	
Scope of subcontracting for product:	
Complete parts 4.2, 4.3 and 5 for subcontractor and supplier	
+ (e.g. subcontracting the machining and welding for a pressure vessel)	

4.2 Health Safety and Environment (HSE)

HSE certification/grading (e.g. to ISO 14001):
Workmen's compensation number (COID):

	SUPPLIERS REGISTRATION QUESTIONNAIRE (LOCAL)	Doc. No	FBD-SCM-2017-FRM-0020
		Revision	12
		Page	3 of 4

If no certification/grading briefly outline level of HSE implementation:

4.3 QUALITY MANAGEMENT SYSTEM (QMS)

Certification/accreditation (e.g. ISO 9001, ISO 17025) covering products to be supplied to Necsa:

If no certification/accreditation briefly outline level of QMS implementation:

External or internal QMS auditing performed:

5 BEE INFORMATION

Current BEE Rating?(Y/N):		If "yes" please attach copy If "no" please specify by when
Current BEE Rating Level:		
When does current BEE rating expire:		
Turnover:	√ one box beneath	
< R5m	☐	If √ please provide proof*
>R5m &< R35m	☐	If √ please provide proof*
>R35m	☐	
Is 50% or more of your business owned by South African black people? (Y/N):		What %:
		If yes please attach proof
Is 30 % or more of your business owned by South African black women? (Y/N):		What %:
		If yes please attach proof
Is your organisation an organ of state or public entity? (Y/N):		
Are you a "Value-Adding Supplier" (as defined legally)? (Y/N)		I.e. your net profit plus total labour costs exceeds 25% of your revenue?
Are you a "startup organisation"? (Y/N) (as defined in the BEE Act - <12 months in business)		

6 RECORDS (Information below is compulsory, if not attached, the application shall not be considered for registration).

Supply*/attach copy of:

- Good standing letter from SARS (TAX clearance certificate) as well as the letter from SARS with PIN number issued for compliance status purposes;
- Company registration documents or certification (Cipro);
- **Original** cancelled cheque or stamped letter from bank verifying details. (No payments shall be made if originals are not received.);
- Company profile (not mandatory);

	SUPPLIERS REGISTRATION QUESTIONNAIRE (LOCAL)	Doc. No	FBD-SCM-2017-FRM-0020
		Revision	12
		Page	4 of 4

- BEE Certificate (from the approved accredited rating agency SANAS only) or alternatively complete the EME or QSE affidavit form;
- Certificate of Good Standing (Compensation Commissioner) COIDA where applicable;
- Quality Certification Certificate (where applicable) eg. ISO Certificate;
- Credit application form from your company – only if required by you for us to open a 30 days account with you;
- CIDB-for all construction related work (no exceptions will be made) indicate if applicable to you;
- Proof of Registration on National Treasury Supplier's Database (CSD Registration Report or MAAA number) and
- Declaration of Interest.

*** Copies can be e-mailed or faxed except for the banking details.**

7 COMMENTS

Please provide comments for mutual beneficial relationships:

.....

.....

.....

Name of contact person at Necsa:

Completed by: Date:
Print name

Signature:

Company Stamp:

Prepared by: x

Date: [Click here to enter a date.](#)