

	Request for Quotation Surveying of trenches that have buried radioactive waste	Doc. No	NOAM-PM-RFQ-000X
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RFQ Number	NOAM-PM-RFQ-0811
Request for Quotation Date	2026/08/11
RFQ Closing Date	2026/08/25
RFQ Closing Time	16:00
Site Briefing (compulsory)	2026/08/18 (10h00) Please send ID copies for access before date. No new requests will be attended to on day of site briefing. Foreign suppliers should send passports 7 days before briefing for vetting.
Contact Person	Catherine.Matima@necsa.co.za
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 surveying of an evaporation pond containing radioactive material
PREQUAL CIDB	CE 1

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 safe use of nuclear knowledge to improve our world.

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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:

3. Scope of work

An evaporation pond was commissioned for the disposal of uranium-contaminated sludge. Available records indicate that sludge was discharged to the pond between 1991 and 2017. Based on the available design drawings, it is understood that approximately 200 mm of sand was placed over the pond liner prior to the commencement of sludge disposal. The pond has a reported surface area of approximately 8 560 m².

Waste Management requires suitably qualified and experienced service providers to undertake a bathymetric survey of the evaporation pond. The objective of the survey is to quantify the water and sediment profiles and determine the following:

- The depth and volume of the water column, measured from the water surface to the top of the sediment layer across the surface area of the pond.
- A bathymetric profile of the pond illustrating the spatial distribution and thickness of the sediment across the pond. ***The profile should use the pond liner as a reference point.***
- Contour plans and digital survey data illustrating the pond bed and sediment surface elevations.
- The volume of the sediment, measured from the top of the sediment layer to the pond liner.
- A comprehensive survey report detailing the survey methodology, equipment used, assumptions, results, calculations, and any limitations encountered during the survey.

In addition, Necsa requires for raw data files (provided in x; y; z coordinates) to be provided as separate soft copy file.

It should be noted that the equipment to be used in the pond will be exposure radiological contamination. Necsa will employ all available measures to decontaminate the equipment. Should these measures not yield the desired results, the equipment will be replaced at its current book-value.

4. Pricing

- Use Table 1 to itemize your offer, taking into account the scope of work and associated deliverables. Additional rows can be added if there are more itemized items than the rows allocated in Table 2.
- All price quoted to include all applicable taxes.
- Price must be fixed and firm.
- Price should include attendance cost for compulsory 1 day statutory training at Necsa.
- Price should include replacement cost of the equipment at book value (book value to be submitted together with the quote)
- 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

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disqualified.

- Payment will be according to Necsa's General Conditions of Purchase.

Table 1: Costing

Ref #	Item description	Quantity	Unit Cost	Line Total
01	Bathymetric survey			
02	Technical report of the findings of the survey			
03	Replacement cost of the equipment at book value			
04				
05				
06				
07				
08				
Sub Total (Excl.)				
VAT (15%)				
TOTAL (Incl.)				

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.

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Item	Requirement	Weight	Points	Criteria
1	Company experience: Experience of the company on the survey required as defined in section 3. Previous similar project/s - Provide a complete listing of all relevant projects undertaken or completed in the past five (5) years. Minimum of 3 projects. Project name, location and description (describe relevance to this project)	15	15	3 or more projects = 15 points 2 projects = 10 points 1 project = 5 point
2	Provide details of Equipment/instruments/software to be used in the survey: The equipment and software to be used must, as a minimum have/do the following: • Be unmanned or remotely controlled • Measure water depth using acoustic pulses • Penetrate the sediment using low frequency acoustics • Provide precise horizontal and vertical positions • Measure water surface elevation •	40	40	Equipment complies to all provided requirements = 40 points Equipment complies to none of the provided requirements = 0 points
3	Resources Experience: Team leader experience in the execution of the scope of work as defined in section 3. Provide proof of qualification and CV's with contactable references.	35	35	11 or more years of experience = 35 points 6 to 10 years of experience = 20 points 5 and below years of experience = 5 points

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Item	Requirement	Weight	Points	Criteria
	Professional membership with: South African Geomatics Council (SAGC); or South African Council for Natural Scientific Professions (SACNASP); or South African Engineering Council of South Africa (ECSA).		10	Proof of professional membership submitted = 10 points Proof of professional membership not submitted = 0 points
Total		100		

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

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

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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 surveying will be done using the attached document as a reference.
2. The methodology will have to be accepted 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 involved in the project.
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 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.

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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.