

	Request for Quotation Surveying of trenches that have buried radioactive waste	Doc. No	NOAM-PM-RFQ-0002
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RFQ Number	NLM-NOAM-PM-RFQ-0002
Request for Quotation Date	2024/07/22
RFQ Closing Date	2024/07/31
RFQ Closing Time	16:00
Site Briefing (compulsory)	2024/07/25 (10h00) NB: If you had attended the previous site briefing, this one is not compulsory.
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 trenches that have buried radioactive waste

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

There are eight near-surface trenches which were used between 1970s and 1990s for the disposal of radioactive waste generated by Necsa and external waste generators. Some of the waste was contained in metal drums and some was loosely disposed. The location and dimensions (Table 1) of these trenches is known by Necsa. As part of on-going plans to rehabilitate the site, the trenches need to be fully characterised.

Table 1: Dimensions of the trenches

Trench No.	Length (m)	Width (m)	Depth (m)	Volume (m³)
Trench 1	30	9	3	810
Trench 2	30	9	3	810
Trench 3	39	10	4	1,560
Trench 4	33	20	4	2,640
Trench 5	30	20	6	3,600
Trench 6	31	12	4	1,488
Trench 7	40	25	7	7,000
Trench 8	30	30	4	3,600
Total				21,508

Waste management is seeking a service provider to survey the trenches using the following techniques:

- Electro-magnetics
 - Ground magnetics
 - Ground penetrating radar
 - Radiometrics
1. The results should be processed and presented in a report that outlines the following:
 - a. Details methodology for each technique.
 - b. The survey lines must be spaced @ 2m spacing
 2. Provide a 3D representative of the data in order for the location of drums both laterally and in depth.
 3. Raw data files for each method must also be provided as separate soft copy file.

4. Attachments

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1. #	Ref	DOCUMENT NAME	DESCRIPTION
2.		Declaration of Interest	Bidder's Disclosure
3.		FBD-SCM-2017-FRM-0024- Rev 7	Request to register a supplier
4.		SBD1	Supplier Information
5.		Annexure A	Reference list for previous work done

5. 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 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.

Table 2: Costing

Ref #	Item description	Quantity	Unit Cost	Line Total
01	Electro-magnetic survey			
02	Ground magnetics survey			
03	Ground penetrating radar survey			
04	Radiometric survey			
05	Combined report of the four surveys			
06	Other			
07	Etc.			
08				
Sub Total (Excl.)				
VAT (15%)				
TOTAL (Incl.)				

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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
6	6
7	4
8	2
Non-compliant contributor	0

7. Required Documentation

- Tax Clearance Certificate (Tax pin issued by SARS)

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- Declaration of interest (SBD 4)
- BEE Certificate / Applicable Affidavit if classified as EME
- Letter of Good Standing (COIDA)

8. 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 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.

Annexure A

Kindly use the table below to consolidate the company's experience. Experience should be limited to the 4 surveying techniques required. The minimum number requested is five (5) companies with contactable references

Company	Project Name	Location	Description (describe relevance to the project)	Contactable reference
1.				
2.				
3.				
4.				
5.				
6.				