	REQUEST FOR QUOTATION	Doc. No	FIN-SCM-RFQ-0003
		Revision	3
		Page	Page 1 of 5

RFQ Number	NLM-QUO-25/199
Request for Quotation Date	2025/11/24
RFQ Closing Date	2025/12/05
RFQ Closing Time	16:00
Compulsory Site Briefing	No
Contact Person	Catherine Matima
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 an external design reviewer to conduct the verification report and evaluate the detailed design of an over-pack for the Pecron concrete container

Dear Service Provider

Kindly provide a quotation for goods and or services as outlined in section 2 of this document.

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.

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

	REQUEST FOR QUOTATION	Doc. No	FIN-SCM-RFQ-0003
		Revision	3
		Page	Page 2 of 5

2. Request

Necsa requires services of an external design reviewer to conduct the verification report and evaluate the detailed design of an over-pack for the Pecron concrete container, intended for the safe transportation of nuclear waste to a permanent disposal site in Vaalputs, to ensure compliance with regulatory standards and safety requirements

3. Scope of Work


Item Description	Quantity
3.1. Design review <ul style="list-style-type: none"> Assess the fundamental principles, assumptions, and criteria used behind the design choices, ensuring that the project meets the identified requirements. Conduct a comprehensive review of the detailed design documentation for the over-pack, including drawings, specifications, and material selections. Assess structural integrity, and containment under normal and accident conditions. 	1
3.2. Safety and Compliance Evaluation <ul style="list-style-type: none"> Confirm that the over-pack design complies with safety requirements for handling, transport, and environmental protection. Evaluate the design's ability to withstand specified mechanical, thermal, and environmental stresses during transport to the disposal site. 	1
3.3. Risk assessment <ul style="list-style-type: none"> Identify potential design risks or weaknesses that could affect safety, reliability, or regulatory approval. Provide recommendations to mitigate identified risks or improve the design. 	1
3.4. Reporting <ul style="list-style-type: none"> Prepare a detailed report summarizing findings, including compliance status, identified issues, and recommended corrective actions. Present findings to the project team in a clear and concise manner, with actionable feedback. 	1

4. Project deliverables

- A comprehensive design review report, including compliance assessment, risk analysis, and recommendations.
- A presentation summarizing key findings and recommendations for the project team.

5. Attachments

Ref #	DOCUMENT NAME	DESCRIPTION
1.	MES-CIV-REP-0040	Detail Design Report for NLM Overpack
2.	NNDD-IP2TRANS-M-115_R1	Drawings: Overpack Pecron Container

	REQUEST FOR QUOTATION	Doc. No	FIN-SCM-RFQ-0003
		Revision	3
		Page	Page 3 of 5

6. Pricing

- All price quoted to include all applicable taxes.
- Price must be fixed and firm
- 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 a quote being disqualified.
- Payment will be according to Necsa's General Conditions of Purchase.

7. Evaluation

7.1. Phase 1- Functionality Evaluation / Technical Evaluation


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.

Evaluation Criteria

EVALUATION CRITERIA FOR DESIGN REVIEW				
Item	Requirement	Weight	Points	Criteria
1	Company Experience. Completed Design Reviews– list of past reviews (client details, contact person and contact number)	50	50	More than 10 design reviews completed..
			40	Seven to 10 design reviews completed
			30	Five to Six design reviews completed
2	CVs of personnel earmarked for the reviews.	30	30	Professional engineering registration with ECSA
3	Design reviews completed for NNR projects	20	20	Letter with reference to such reviews
Total		100		

	REQUEST FOR QUOTATION	Doc. No	FIN-SCM-RFQ-0003
		Revision	3
		Page	Page 4 of 5

7.2. **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-BBE 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

8. **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 (COID) only if Applicable due to the nature of work required
- Any other document or certification that might have been requested on this RFQ

9. **Important**

- 9.1. Quotation must be submitted on or before the RFQ closing date and time stated above.
- 9.2. Orders above R 30 000 will be evaluated according to the PPPFA 80/20-point system and a functionality scorecard where applicable and the ones above R 1 Million will be subjected to the tender process.
- 9.3. 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
- 9.4. 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.
- 9.5. 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.
- 9.6. 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.
- 9.7. No goods and/or services should be delivered to Necsa without an official Necsa Purchase order.
- 9.8. Necsa reserves the right to; 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.
- 9.9. 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 the Agreement and the Necsa shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights
- 9.10. 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