RFQ Number	**RFQ-ROOF-001**
Request for Quotation Date	**23 November 2026**
Compulsory Site Briefing	**N/A**
Site briefing venue	**N/A**
RFQ Closing Date	**27 November 2026**
RFQ Closing Time	**11h00am**
Contact Person	**Buyani Nsibande**
Quotation Validity	**90 Days from the closing date**
Submission Details	**RFQ Response must be sent to:** buyani.nsibande@necsa.co.za
RFQ Description	Steel and Concrete roof waterproofing
Required CIDB Grade	**3 SN**

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**

2. Scope of Work (SOW) and Bill of Quantities (BOQ)

2.1 Scope of Work for Steel roof waterproofing

The Contractor shall:

Clean the entire steel roof surface, removing all dirt, dust, sand, sediment, loose material, debris, and contaminants to provide a sound substrate.

Mechanically remove all visible rust, loose coatings, and corrosion by wire brushing or other approved surface preparation methods.

Inspect all roof fasteners and screws, tightening, re-securing, or replacing defective units where required.

Remove all loose or deteriorated primer and coatings.

Ensure the roof surface is clean, dry, and free of moisture, grease, contaminants, and any material that may impair adhesion.

Priming and Corrosion Protection

Apply a suitable rust-inhibitive primer to all prepared corroded steel surfaces.

Galvanised metal surfaces shall be treated with an approved metal etch primer complying with applicable SANS/SABS requirements.

Carbon steel surfaces shall be treated with an approved anti-corrosion primer complying with applicable SANS/SABS requirements.

All primers shall be applied in accordance with the manufacturer's specifications and allowed to cure before subsequent coating applications.

2.2 Concrete Roof Waterproofing

The Contractor shall:

Remove and dispose of all existing waterproofing membranes and associated deteriorated materials from the designated roof area.

Clean the entire roof surface, removing all loose dust, sand, debris, and contaminants.

Prepare all substrates to provide a sound, dry, and contaminant-free surface suitable for waterproofing application.

Joint and Crack Treatment

Remove approximately 25 mm of all deteriorated expansion joint sealant where required.

Prepare and reseal expansion joints using an approved flexible sealant.

Repair cracks, defects, and substrate irregularities prior to waterproofing installation.

Screed and Falls Correction

Where identified in the Bill of Quantities (BOQ):

Supply, place, and finish 70 mm thick, 25 MPa screed to form and correct falls.

Ensure adequate positive drainage is achieved towards all roof outlets and downpipes.

Eliminate areas of water ponding through corrective screeding or approved waterproofing build-up methods.

Waterproofing System

Apply an approved primer compatible with the waterproofing system.

Supply and install a fully bonded reinforced torch-applied modified bituminous waterproofing membrane, minimum 4 mm thick.

The membrane shall be installed using the manufacturer's approved torch-on fusion application method.

Side laps shall be a minimum of 75 mm and end laps a minimum of 100 mm, fully sealed and bonded.

Incorporate all upstands, flashing details, penetrations, outlets, terminations, and junctions into the waterproofing system.

Seal all termination points using polyester-reinforced liquid-applied flashing treatment or equivalent approved detailing system.

Waterproofing turn-ups shall extend a minimum of 300 mm above finished roof level unless otherwise indicated.

Waterproofing Reinforcement (Where Required)

Areas subject to movement, cracking, or detailing shall:

Receive a liquid-applied waterproofing coating.

Be reinforced with a suitable polyester or geotextile membrane embedded into the wet coating.

Receive additional coating layers in accordance with the manufacturer's specification.

Ensure complete saturation and bonding of the reinforcement fabric without folds, wrinkles, or air pockets.

Protective Roof Coating

Upon successful completion of waterproofing works:

Apply a UV-resistant protective roof coating system over the waterproofed surface as specified by the waterproofing manufacturer.

Apply the coating at the manufacturer's recommended coverage rate and number of coats.

Final roof coating colour shall be selected from Grey, Red, Green, or Silver, subject to approval by the Employer.

4**. Quality Requirements**

The Contractor shall ensure that:

All materials are compatible and supplied as part of an approved waterproofing system.

All surfaces are properly prepared before application.

Waterproofing installations are fully bonded without blisters, wrinkles, voids, or lifting.

Finished roof surfaces provide positive drainage with no standing water after rainfall.

All work complies with applicable SANS standards, manufacturer specifications, and industry best practices.

A workmanship warranty and material warranty are provided upon completion.

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5. **Housekeeping and Handover**

The Contractor shall:

Continuously maintain a clean and safe working environment.

Remove all waste materials, rubble, packaging, and debris from site upon completion.

Leave the work area clean and ready for use.

Conduct a final inspection with the Employer and rectify any defects identified during the inspection period.

2.2 Bill of Quantities (BOQ)

Bidders are requested to provide a unit rate per item in the pricing schedule below. Rates shall include all labour, materials, equipment, supervision, transport, waste disposal, guarantees, and all incidentals required to complete the works.

Item No.	Description	Unit	Qty	Unit Rate (ZAR)	Total Amount (ZAR)
1	Strip and remove existing waterproofing	m²			

	membrane from roof surface, including disposal of waste material.				
2	Clean and prepare concrete roof surface by removing sand, dust, debris and contaminants.	m²			
3	Supply and apply BITU-PRIMER to prepared concrete roof surfaces.	m²			
4	Remove deteriorated expansion joint sealant and install new silicone sealant.	m			
5	Supply and place 25 MPa, 70 mm screed to concrete roof slab where required.	m²			
6	Supply and install Thermoflex Dual reinforced 4 mm torch-on waterproofing membrane including flashings and terminations.	m²	50		
7	Form grading and waterproofing	m²	50		

	falls to eliminate ponding and direct water to downpipes.				
8	Supply and apply UV-resistant waterproofing paint to concrete roof surface.	m²	50		
9	Final cleaning of work area and removal of rubble from site.	Item	1		
10	Clean and prepare steel roof surface including removal of dust, debris and loose rust.	m²	50		
11	Inspect, re-secure and replace roof screws where required.	Item	1		
12	Supply and apply RUSTBAN treatment to corroded areas.	m²	50		
13	Supply and apply primers including acrylic bonding liquid, Fibre Seal solution and Darachem DC4 primer where applicable.	m²	50		

14	Supply and apply Fibre Seal waterproofing system including SBP Geo-Fabric reinforcement where required.	m²	50		
15	Supply and apply final waterproof roof paint coating.	m²	50		
16	Apply Metal Etch Primer to galvanised surfaces where applicable.	m²			
17	Apply Zinc Chromate Primer to steel surfaces where applicable.	m²			
18	Treat steel roof surfaces with red oxide or zinc chromate primer in accordance with SABS requirements.	m²			

3. 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.

Pricing Assumptions

- The rates shall include:
- Labour.
- Materials and consumables.
- Equipment and tools.
- Access equipment and scaffolding where required.
- Surface preparation.
- Transport and delivery.
- Waste disposal.
- Guarantees and warranties.
- Supervision and quality control.
- Compliance with applicable SABS standards.
- All incidentals required for a complete and functional installation.

4. Evaluation

4.1. 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.

4.2. **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

5. 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

6. Important

6.1. Quotation must be submitted on or before the RFQ closing date and time stated above.

6.2. 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.

6.3. 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

6.4. 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.

6.5. 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.

6.6. 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.

6.7. No goods and/or services should be delivered to Necsa without an official Necsa Purchase order.

6.8. 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.

6.9. 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

6.10. 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