

South African Nuclear Energy Corporation SOC Ltd Small Modular Reactor (SMR) Project

Expression of Interest (EOI): SMR Development Partner

EOI Number: FIN-SCM-EOI-0001

Issued by:

The South African Nuclear Energy Corporation SOC Ltd (Necsa)

R104 Elias Motsoaledi Street (Church Street West Ext)
Pelindaba
Brits Magisterial District
Madibeng Municipality
North West Province
South Africa
0240

Enquiries:

Mr Joseph Rasakanya – Strategic Sourcing Manager

Email: eoi@necsa.co.za

(Note: e-mails should be limited to 30MB. Attachments should be in PDF format only. <mailto:eoi@necsa.co.za>)

Tel: +27 (0) 12 305 6080

Name of Respondent:



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Background

The South African Nuclear Energy Corporation SOC Ltd (Necsa) is initiating a process to invite Expressions of Interest (EOI) from suitably qualified and experienced organisations, consortia, or technology providers interested in partnering on the development, customisation, demonstration, and potential deployment of a Small Modular Reactor (SMR) Prototype System in South Africa.

In support of this initiative, Necsa will undertake the process within the applicable legislative and regulatory framework governing public procurement.

Legislative and Regulatory Framework

Necsa conducts its procurement activities in accordance with Section 217 of the Constitution of the Republic of South Africa, 1996 (Act 108 of 1996), and Section 51(1)(a)(iii) of the Public Finance Management Act, 1999 (Act 1 of 1999) (PFMA).

In line with these provisions, Necsa maintains a procurement and provisioning system that is fair, equitable, transparent, competitive, and cost-effective. Within this framework, both an Expression of Interest (EOI) and a Request for Proposal (RFP) are recognised and compliant procurement mechanisms.

Nature and Purpose of the EOI

The EOI serves as a prequalification and market-sounding process prior to issuing a formal competitive bid (such as an RFP). It does not constitute a final solicitation for price and does not result in an immediate contract award.

From a PFMA and Supply Chain Management (SCM) compliance perspective, the EOI approach enhances:

- The quality of competition
- Risk mitigation
- Market intelligence
- Proper due diligence

Accordingly, Necsa will issue an EOI to:

- Assess market interest in partnering on the development of an SMR in South Africa
- Identify suitably qualified and experienced organisations
- Shortlist respondents with proven technical and financial standing

Insights obtained through the EOI process will enable refinement of specifications prior to issuing an RFP, strengthen demand management, and prevent unrealistic or restrictive requirements. Effective demand management, as required by SCM prescripts, necessitates a sound understanding of the market before initiating formal procurement.

Prequalification and Shortlisting

SCM prescripts permit multi-stage bidding processes. The EOI will therefore function as the first stage of a structured selection process, prequalifying respondents based on:

- Alignment of reactor design with South African nuclear policy and established experience base
- Appropriate technology readiness to support successful and timely deployment
- Demonstrated financial strength to sustain long-term project delivery
- Commitment to intellectual property transfer and localisation of skills and technology
- Application diversity to maximise socio-economic and industrial benefits

Only respondents that meet the prequalification requirements will be invited to participate in the subsequent RFP stage.

Issuing of an RFP

An RFP will be issued exclusively to shortlisted respondents. Upon closure of the EOI, submissions will be evaluated against the pre-communicated criteria. Respondents not meeting the minimum requirements will be eliminated, and further engagement will be limited to shortlisted parties.

An RFP is issued once:

- Requirements and specifications are clearly defined
- The market has been sufficiently assessed and established
- Technical and financial evaluation criteria are finalised

At that stage, Necsa will be positioned to evaluate functionality, price, and preferential procurement considerations in accordance with applicable SCM regulations and legislation.

Overall Objective

The overarching objective of this structured EOI–RFP approach is to identify and partner with an organisation that demonstrates technical credibility, financial robustness, policy alignment, and a collaborative approach to delivering a world-class SMR demonstration plant in South Africa.

Each evaluation criterion is intentionally designed to strengthen delivery certainty, mitigate strategic and implementation risks, and ensure alignment with national developmental and industrialisation priorities.

E1.1 Notice and Invitation to submit Expression of Interest Request

The South African Nuclear Energy Corporation SOC Ltd (Necsa) hereby invites Expression of Interest (EOI) submissions from qualified and experienced organisations, consortia, or technology holders interested in partnering with Necsa for the development, customisation, demonstration, and future deployment of a Small Modular Reactor (SMR) in South Africa.

The purpose of this EOI is to:

- Identify suitable technology partners capable of co-developing an SMR technology appropriate for demonstration and future deployment in South Africa.
- Obtain detailed information on available SMR technologies, maturity levels, licensing experience, and deployment readiness.
- Assess potential partners' capabilities regarding design localisation, Engineering, Procurement and Construction, collaboration, fuel cycle integration, manufacturing, and long-term commercial deployment.
- Shortlist suitable potential partners for participation in a subsequent Request for Proposals (RFP) or structured partnership negotiation process.

Only respondents who submit EOI responses in line with the subject matter, meet the eligibility criteria and fulfil the other requirements as stipulated herein will be invited to provide future proposals.

The relevant documents are available online at www.necsa.co.za from **11H00 (11 am) on 31 March 2026** and are also published on www.etenders.gov.za/#

Queries relating to the issuing of these documents may be addressed to Mr Joseph Rasakanya, e-mail: eoi@necsa.co.za.

A compulsory briefing meeting with interested respondents will take place physically and online on **16 April 2026**, starting at **14H00 (2 pm)**.

Parties considering making a submission on EOI must register for attendance at least 48 hours prior to the compulsory briefing meeting, by sending an e-mail to Mr Joseph Rasakanya, e-mail: eoim@necsa.co.za, stating as a minimum the name of the potential respondent, and the name of the company, telephone number and e-mail address of the relevant contact person acting on behalf of the respondent.

Further details of the compulsory briefing will be shared with the relevant contact persons, who may attend or designate alternative or additional attendees of the registered respondent.

The closing time for receipt of submissions is **11H00 (11 am)** South Africa Standard Time (GMT/UTC+02:00) on **29 May 2026**.

Late submissions will not be accepted

Requirements for sealing, addressing, delivery, opening and assessment of submissions are stated in the submission document.

E1.2 Submission Data

The conditions for the Request for EOI are as per SANS ISO 10845-4:2022 Edition 2, *Standard conditions for the calling for expressions of interest*.

SANS ISO 10845-4:2022 Edition 2, which can be obtained online from the South African Bureau of Standards (see www.store.sabs.co.za), makes several references to the Submission Data for details that apply specifically to this submission. The Submission Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the *Standard conditions for the calling for expressions of interest*.

Each item of data given below is cross-referenced to the clause in SANS ISO 10845-4:2022 Edition 2 to which it mainly applies.

| Clause number | Submission Data |
|---------------|--|
| 3.4 | The Employer is South African Nuclear Energy Corporation SOC Ltd (Necsa) |
| 3.5 | This document uses the terms “EOI Response” and “Request for EOI”. These terms shall be interpreted as having the same meaning as “Expression of Interest” and “call for Expression of Interest” when considering the Standard conditions for the calling for expressions of interest as per SANS ISO 10845-4:2022 Edition 2. Similarly, the words “Proposal” and “Tender Offer” shall be interpreted as having the same meaning. |
| 4.2 | The documents associated with the Request for EOI issued by the Employer comprise: Part E.1: Submission procedures E.1.1 Notice and Invitation to submit EOI Responses E.1.2 Submission data Part E.2: Returnable documents E.2.1 List of returnable documents Part E.3 Indicative scope of work E.3.1 Necsa overview E.3.2 Project background E.3.3 Indicative scope of work E.3.4 Anticipated timelines |
| 4.4 | The Employer’s agent is: Name: Mr Joseph Rasakanya Address: R104 Elias Motsoaledi Street (Church Street West Ext) Pelindaba Brits Magisterial District Madibeng Municipality North West Province South Africa 0240 Tel: +27 (0) 12 305 6080 E-mail: eo@neicsa.co.za |
| 4.4 | The language for communications is English |

| | | | | | | | | | |
|---------------------|---|----------------|--|---------------|-------------------------------|---------------------|---|---------------|---------------------------|
| <p>4.5</p> | <p>The Employer’s further rights</p> <p>In addition, the Employer reserves the right to:</p> <ol style="list-style-type: none"> 1) Extend the time for submissions; 2) Verify any information contained in a submission; 3) Request documented proof regarding any submission or part thereof arising from the release of this Request for EOI; 4) Issue a follow-up or supplementary questions both prior to, and after the closing time for receipt of submissions; 5) Perform an audit at the premises of the Respondent if deemed necessary by the Employer to verify any and all information provided by the Respondent; 6) Make any questions submitted by any Respondent, including commercial and technical clarifications known to all Respondents, together with the answers given to any individual Respondent, if the Employer considers it to be relevant to the call for Request for EOI; and 7) Re-issue, cancel or withdraw this call for Request for EOI as a whole or in part. | | | | | | | | |
| <p>4.6</p> | <p>Employer policies and mandatory documents</p> <p>The Employer draws the Respondent’s attention to the following mandatory documents:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">SHEQ-INS-0100*</td> <td>Necsa General Safety, Health and Environmental</td> </tr> <tr> <td>SHEQ-INS-0102</td> <td>Necsa Alcohol and Drug Policy</td> </tr> <tr> <td>FIN-SCM-PRO-0014 R6</td> <td>Procedure for Necsa’s Supply Chain Management Process</td> </tr> <tr> <td>SHEQ-INS-0800</td> <td>SHEQ Approval of Projects</td> </tr> </table> <p>These documents are made available as part of this Request for EOI and are expected to be read and acknowledged by the Respondent as these documents will be applicable for the duration of the project.</p> | SHEQ-INS-0100* | Necsa General Safety, Health and Environmental | SHEQ-INS-0102 | Necsa Alcohol and Drug Policy | FIN-SCM-PRO-0014 R6 | Procedure for Necsa’s Supply Chain Management Process | SHEQ-INS-0800 | SHEQ Approval of Projects |
| SHEQ-INS-0100* | Necsa General Safety, Health and Environmental | | | | | | | | |
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| FIN-SCM-PRO-0014 R6 | Procedure for Necsa’s Supply Chain Management Process | | | | | | | | |
| SHEQ-INS-0800 | SHEQ Approval of Projects | | | | | | | | |
| <p>4.7</p> | <p>Non-Disclosure Agreement</p> <p>Eligible Respondents will be required to enter into a mutual non-disclosure agreement with the Employer. A draft of this agreement is made available as part of this Request for EOI. Respondents are required to peruse and acknowledge the non-disclosure agreement, and propose mark-ups thereto, if applicable.</p> | | | | | | | | |

| <p>5.1</p> | <p>Only those respondents whom their response is YES to criteria 1 to 5 below, amongst others, and who provide the required evidence in their submissions will be invited to provide future tender offers.</p> <ul style="list-style-type: none"> • Alignment with South Africa’s Nuclear Energy Policy • Technology Readiness Level & Design Maturity • Proven Financing Capacity • Intellectual Property Transfer • Diversity of Use-Case Applications <p>The evaluation criteria specifying requirements and returnable for the EOI are given hereunder.</p> <table border="1" data-bbox="288 548 1410 1256"> <thead> <tr> <th>Criteria</th> <th>Requirements</th> <th>Scoring (Yes/No)</th> </tr> </thead> <tbody> <tr> <td>1. Design/Technology alignment (NEP 2008)</td> <td>The proposed SMR must align with the two technologies prescribed in the Nuclear Energy Policy of 2008: <ul style="list-style-type: none"> • PWR, and • HTR </td> <td>Respondent to submit: <ol style="list-style-type: none"> 1. Capability Statement*, and 2. Compliance Statement**. </td> </tr> <tr> <td>2. Technology Readiness</td> <td>The Technology must be at TRL 5*** or above</td> <td>Motivation/certification that the SMR technology is at TRL 5 or above.</td> </tr> <tr> <td>3. Financing Capacity</td> <td>Willingness to provide funding</td> <td>A commitment letter stating the willingness to provide funding</td> </tr> <tr> <td>4. IP Transfer</td> <td>Willingness to transfer IP</td> <td>A commitment letter stating the Respondent’s willingness to transfer IP</td> </tr> <tr> <td>5. Diversity</td> <td>SMR technology to have electric and non-electric applications</td> <td>Respondent to submit a Capability Statement</td> </tr> </tbody> </table> <p>NB! *Capability Statement demonstrates the Respondent’s ability to deliver on the project scope and typically includes Company overview, Core competencies – i.e., relevant experience, certifications/accreditations and evidence of past performance. **Compliance Statement is a narration of how the Respondent adheres to the defined evaluation criteria, with supporting evidence included at the discretion of the Respondent. ***TRL 5 - At least some components of the system are demonstrated in a simulated environment that is relevant to the final operation environment. These components must be based on proper engineering designs for the system.</p> | Criteria | Requirements | Scoring (Yes/No) | 1. Design/Technology alignment (NEP 2008) | The proposed SMR must align with the two technologies prescribed in the Nuclear Energy Policy of 2008: <ul style="list-style-type: none"> • PWR, and • HTR | Respondent to submit: <ol style="list-style-type: none"> 1. Capability Statement*, and 2. Compliance Statement**. | 2. Technology Readiness | The Technology must be at TRL 5*** or above | Motivation/certification that the SMR technology is at TRL 5 or above. | 3. Financing Capacity | Willingness to provide funding | A commitment letter stating the willingness to provide funding | 4. IP Transfer | Willingness to transfer IP | A commitment letter stating the Respondent’s willingness to transfer IP | 5. Diversity | SMR technology to have electric and non-electric applications | Respondent to submit a Capability Statement |
|---|---|---|--------------|------------------|---|--|---|-------------------------|---|--|-----------------------|--------------------------------|--|----------------|----------------------------|---|--------------|---|---|
| Criteria | Requirements | Scoring (Yes/No) | | | | | | | | | | | | | | | | | |
| 1. Design/Technology alignment (NEP 2008) | The proposed SMR must align with the two technologies prescribed in the Nuclear Energy Policy of 2008: <ul style="list-style-type: none"> • PWR, and • HTR | Respondent to submit: <ol style="list-style-type: none"> 1. Capability Statement*, and 2. Compliance Statement**. | | | | | | | | | | | | | | | | | |
| 2. Technology Readiness | The Technology must be at TRL 5*** or above | Motivation/certification that the SMR technology is at TRL 5 or above. | | | | | | | | | | | | | | | | | |
| 3. Financing Capacity | Willingness to provide funding | A commitment letter stating the willingness to provide funding | | | | | | | | | | | | | | | | | |
| 4. IP Transfer | Willingness to transfer IP | A commitment letter stating the Respondent’s willingness to transfer IP | | | | | | | | | | | | | | | | | |
| 5. Diversity | SMR technology to have electric and non-electric applications | Respondent to submit a Capability Statement | | | | | | | | | | | | | | | | | |
| <p>5.5</p> | <p>The arrangements for a compulsory clarification meeting are as stated in the Notice and Invitation for EOI.</p> | | | | | | | | | | | | | | | | | | |
| <p>5.7</p> | <p>The employer’s address for delivery of hardcopy submissions is as follows:</p> <p>Location of tender box: Necsa Gate 3 Physical address: R104 Elias Motsoaledi Street (Church Street West Ext) Pelindaba Brits Magisterial District Madibeng Municipality North West Province South Africa 0240</p> <p>Telegraphic, telephonic, facsimile, e-mail and late tenders will not be accepted.</p> | | | | | | | | | | | | | | | | | | |

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| <p>5.7</p> | <p>Submissions shall be marked with the following information:</p> <p>Addressed to: South African Nuclear Energy Corporation SOC Subject: Small Modular Reactor Project Request for EOI of Reactor and Nuclear Technology Suppliers</p> <p>EOI Number: FIN-SCM-EOI-0001</p> <p>Respondents Name; Respondents Address; Respondents Contact Person; Respondents Contact Tel; and Respondents Contact e-mail.</p> |
| <p>5.7</p> | <p>Submissions shall be indexed in the order as per the List of Returnable Documents.</p> <p>Hard-copy submissions shall be securely bound with no loose pages.</p> |
| <p>5.7</p> | <p>The dimensions of hard-copy submissions shall be limited to 400 mm × 100 mm × 150 mm as the tender box aperture cannot accommodate larger sizes.</p> <p>If multiple volumes are to be submitted due to size, each volume must be sequentially marked (i.e. Volume 1 of n; Volume 2 of n; etc.)</p> |
| <p>5.7</p> | <p>A register must be completed once a hard-copy submission has been accepted, indicating the time and date.</p> |
| <p>5.7</p> | <p>Each hardcopy submission communicated on paper shall be submitted as an original plus one copy.</p> <p>The submission shall also include a scanned PDF copy of the complete submission in electronic format on a flash disk.</p> |
| <p>5.9</p> | <p>The closing time for submissions is as stated in the Notice and Invitation to submit EOI Responses.</p> |
| <p>5.9</p> | <p>Telephonic, telegraphic, telex, or facsimile submissions offers will not be accepted. Email submissions will only be accepted from international suppliers.</p> |
| <p>5.11</p> | <p>Only one submission per Respondent</p> <p>The Respondent (including the individual members of any Joint Venture) shall submit only one response, either in its own name or as part of a Joint Venture.</p> <p>If a Respondent, including any Joint Venture member, submits or participates in more than one Response, all such Responses shall be disqualified and rejected.</p> <p>For future reference, this requirement does not, however, extend to a Respondent's staff from participating as Key Resources and Non-Key Resources in more than one Response when the circumstances justify this and where it is declared by a Tenderer in its submission.</p> |
| <p>5.12</p> | <p>Validity</p> <p>Respondents' submissions shall be valid for 150 days from the closing time for receipt of submissions.</p> |
| <p>5.13</p> | <p>No unsolicited contact with the employer</p> <p>Unless providing clarification of a submission in response to a request to do so from the employer, the respondent shall not contact the employer regarding any matters related to its submission.</p> |

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| 5.14 | <p>No Alterations</p> <p>The Respondent is not permitted to alter or modify its submission in any way after the submission deadline. NB! Necsa may, on a case-by-case basis, request clarifications from bidders during the EOI evaluation phase. Clarifications will not permit changes to substantive information submitted</p> |
| 6.3 | <p>Late submissions will not be considered and will be notified as such to the relevant Respondents.</p> |
| 6.9 | <p>All Respondents who submit responsive submissions and:</p> <ol style="list-style-type: none"> 1) <ol style="list-style-type: none"> a) are juristic persons either registered in the Republic of South Africa or in their country of origin / business registration; b) are registered on the Central Supplier Database (CSD) for the government of the Republic of South Africa (see https://secure.csd.gov.za/), unless they are foreign suppliers with no local registered entity; c) demonstrate tax compliance/clearance either in South Africa or in their country of origin / business registration (as applicable); d) do not have any of their directors/shareholders listed on a database or register of defaulters or restricted suppliers, or as a person prohibited from doing business with Government in South Africa or in the respondent’s country of origin / business registration; e) have not abused the Employer’s Supply Chain Management System or have failed to perform on any previous contract and have been given a written notice to this effect by the Employer; f) have completed all returnable and compulsory declarations; g) who are considered by the Employer not to have any conflicts of interest which may impact on their ability to deliver the scope in the best interests of the Employer or potentially compromise the tender/request for proposal process; and 2) in the opinion of the Employer have demonstrated that they possess the necessary experience, competence and financial resources to undertake the work; will be invited to submit tender offers/proposals. |

E.2.1 List of Returnable Documents

The Respondent shall include the following documents in its submission:

- 1) Submission cover letter
- 2) Respondent's Information
- 3) Letter of Authority
- 4) Bidder's Disclosure (SBD 4)
- 5) Company registration information (South Africa or country of origin, showing key directors/shareholders)
- 6) Protection of Personal Information Act acknowledgement
- 7) Project reference(s) and evidence of licencing
- 8) Declaration of design/technology ownership
- 9) 3rd Party permissions to use design (if applicable)
- 10) Non-disclosure agreement (with proposed mark-ups, if applicable)
- 11) Other supporting information and addenda, provided at the Respondent's discretion.
- 12) Capability Statement indicating the Respondent's capabilities to address the scope and quality of the proposed project, with supporting evidence included.
- 13) Compliance Statement indicating how the Respondent adheres to the defined evaluation criteria, with supporting evidence included at the discretion of the Respondent.
- 14) A commitment letter stating the willingness to provide funding
- 15) A commitment letter stating the Respondent's willingness to transfer IP

SUBMISSION COVER LETTER

This letter is to be submitted in the form provided, placed on a formal letterhead of the Respondent and signed by a duly authorised representative of the Respondent.

The South African Nuclear Energy Corporation SOC Ltd (Necsa or “the Employer”) invites responses from suitably qualified and experienced Reactor and Nuclear Technology Suppliers seeking to be shortlisted for future proposals related to a strategic partnership in developing an SMR prototype system.

The Respondent has examined this Request for EOI, and by submitting a Response has accepted the conditions of this Request for EOI and as stipulated under SANS ISO 10845-4:2022 Edition 2, *Standard conditions for the calling for expressions of interest.*

For the Respondent:

.....
Duly authorised signature

.....
Date

.....
Name and Position of representative

.....
Name of Respondent

RESPONDENT'S INFORMATION

The Respondent's Information shall be submitted in the form provided and signed by a duly authorised representative of the Respondent.

If the submission is made on behalf of an unincorporated joint venture or consortium, a lead party shall be designated by the Respondent. The Respondent shall further submit an organogram in its own format showing the relationship, roles and responsibilities of each party to the respondent.

A separate form shall be prepared, completed and signed for each party to the Respondent. The lead party shall be duly authorised by each party to the Respondent to submit a EOI Response to the Employer, by way of signed letter of authority issued by its board of directors of such party.

| | |
|--|---|
| Name of Company | |
| Company Registration Number | <i>Also state country of registration</i> |
| Relationship to Respondent (if a party to the Respondent) | |
| Contact Person | |
| Telephone Number | |
| E-mail Address | |
| Postal Address | |
| Physical Address | |

I hereby certify that the information provided in this form is true and correct to the best of my knowledge and belief. I further accept that, in addition to cancellation of the contract, further action may be taken against me should this declaration prove to be false.

For the Respondent / party to the Respondent:

.....
Duly authorised signature

.....
Date

.....
Name and Position of Representative

.....
Name of Respondent / party to the Respondent

LETTER OF AUTHORITY

If the submission is made on behalf of an unincorporated joint venture or consortium, this letter is to be submitted in the form provided, placed on a formal letterhead of each party and signed by a duly authorised representative of the Board of Directors of each party.

Regarding the Request for EOI for Strategic Partnership for the development of SMR prototype system issued by The South African Nuclear Energy Corporation SOC Ltd (Necsa or the Employer) has invited.

[Insert name of party] has agreed to collaborate exclusively with [Name of Lead Party and other parties, if applicable] in submission of EOI Response.

[Insert name of party] has agreed to enter into an unincorporated joint venture / consortium with [Name of Lead Party and other parties, if applicable] if, leading from this submission, a contract is awarded to the parties by the Employer.

[Insert name of party] hereby authorises [Insert Name of lead Party] to sign and submit the EOI Response on its behalf.

For the party to the Respondent:

.....
Duly authorised signature

.....
Date

.....
Name and Position of Representative

.....
Name of party to the Respondent

Note that in terms of PFMA SCM Instruction No 3 of 2021/2022, this Standard EOI Document is incorporated in an unaltered form. The word Bidder, as used in this Standard EOI Document, may be read and interpreted as Respondent.

SBD 4

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 Respondent 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 Respondent, 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.

| Full Name | Identity Number | Name of State institution |
|-----------|-----------------|---------------------------|
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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**

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.

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 Respondent, 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 EOI 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

.....
Position

.....
Name of Respondent

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.

PROTECTION OF PERSONAL INFORMATION ACT ACKNOWLEDGEMENT

The undersigned acknowledges that:

- 1) The Employer requires the personal data as defined in the Protection of Personal Information Act, 2013, and which is included in the List of Returnable Schedules, for the purposes of determining the eligibility of respondents to participate in a potential future Tender
- 2) The Employer will retain personal information for audit purposes and dispose of personal information when such information is no longer required in the manner prescribed in the Act
- 3) The Respondent's submission cannot be considered should the required personal information not be provided.

.....
Duly authorised signature

.....
Date

.....
Name and Position of Representative

.....
Name of Respondent

PROJECT REFERENCE(S) AND EVIDENCE

The following information must be provided for each reference project. A minimum of one reference project is required.

| | |
|---|---|
| Project Name: | |
| Client: | |
| Country: | |
| Description of SMR and key Nuclear Facilities: | |
| Scope/Role of the Respondent: | |
| Project duration (start year / end year) / duration and stages of involvement: | |
| Contract Value: | |
| Technology Readiness Level (TRL) estimation of proposed technology with associated motivation | <i>Please attach</i> |
| Confirmation of Ownership: | <i>Please attach</i> |
| High level pre-conceptual design overview (narrative only) of proposed technology | <i>Please attach</i> |
| Contactable references and contact details: | <i>Include facility owner, regulator, authority contact information, sponsor, etc</i> |
| Reference Letters: | <i>Please attach</i> |

DECLARATION OF TECHNOLOGY OWNERSHIP

This letter is to be submitted in the form provided, placed on a formal letterhead of the Respondent and signed by a duly authorised representative of the Respondent.

The Respondent hereby declares that it *[is the lawful owner of the SMR design or technology/lawfully owns the rights to the design or technology has permission from the owner to use the design (indicate as applicable)]* of the *[specify relevant reactor and Nuclear Technology]* as applied for *[Insert project name]*, subject to the following conditions and limitations:

[Respondent to specify conditions and limitations]

For the Respondent:

.....
Duly authorised signature

.....
Date

.....
Name and Position of Representative

.....
Name of Respondent

NON-DISCLOSURE AGREEMENT

Refer to attachment and append to submission, marked up where deemed necessary

E3 Indicative Scope

E3.1 NECSA Overview

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.

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. Necsa is 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 and technology to improve our world.

E3.2 Project Background

Necsa is advancing a Small Modular Reactor (SMR) development and demonstration programme to support National objectives for energy security, decarbonisation and industrial competitiveness. In response to growing electricity shortages, climate commitments and the need for flexible low-carbon baseload power, Necsa aims to deploy an SMR Demonstration Plant at its Pelindaba site by 2036.

SMRs offer enhanced safety, modular construction, inland and water-scarce deployment capability, and the potential to supply electricity, re-purposing of coal power plants, and support high-value non-electric applications such as hydrogen production, desalination, industrial process heat and isotope production. This project forms a cornerstone of South Africa's long-term nuclear innovation agenda, supporting localisation, technology transfer and future fleet deployment across the country.

E3.3 Indicative Scope for the Strategic Partner

Table 1: Indicative Scope for the Strategic Partner

| Criteria | Requirements |
|---|---|
| 1. Design/Technology Alignment (NEP 2008) | <ul style="list-style-type: none"> i. Co-develop the engineering design for a full SMR demonstration plant utilizing LWR or HTR technology. ii. Support utilisation and/or development of associated fuel manufacturing capability related to the proposed reactor technology. iii. Collaborate to integrate the proposed SMR facility with local capability with regard to fuel development, manufacturing processes, and waste management solutions iv. Identify components for local manufacture at Necsa's ASME-certified facilities. v. Support development of advanced manufacturing processes for modular SMR components. |
| 2. Technology Readiness | <ul style="list-style-type: none"> i. Provide a mature SMR technology (TRL 5–9) suitable for adaptation, demonstration and commercial deployment in South Africa. ii. Support the development of a fully-fledged feasibility study for deployment of the proposed technology to the South African |

| Criteria | Requirements |
|--------------------------|--|
| | <p>environment, in accordance with government and treasury requirements for such a study.</p> <ul style="list-style-type: none"> i. Enable access to relevant design documentation, models, technical data, and IP required for joint engineering activities. ii. Support customisation of the SMR design to local conditions and infrastructure. iii. Support development of licensing documentation for the National Nuclear Regulator (NNR). iv. Provide prior licensing experience, safety case inputs, and design data packages. v. Assist in developing regulatory readiness for demonstration and future deployments |
| 3. Financing Capacity | <ul style="list-style-type: none"> i. Collaborate on long-term deployment plans for multiple SMR units across South Africa. ii. Develop potential SPV structures, financing models, and commercial frameworks. iii. Support market analysis and stakeholder engagement for future SMR roll-out. |
| 4. IP Transfer | <ul style="list-style-type: none"> i. Collaborate with Necsa as the envisaged local EPC partner. ii. Develop modular construction approaches suitable for local fabrication. iii. Jointly develop a localisation plan aligned with national industrial policy. iv. Participate in engineering design finalisation, procurement planning, project scheduling, and commissioning support. v. Provide technical support through construction, commissioning, and initial operations. vi. Facilitate knowledge transfer and localisation. vii. Participate in joint R&D activities required for technology adaptation and hybrid applications. viii. Develop a structured skills-transfer programme for Necsa engineers and technicians. ix. Contribute to national nuclear skills development initiatives. |
| 5. Application Diversity | <ul style="list-style-type: none"> i. Support integration of SMR systems with hydrogen production, desalination, district heating and industrial heat supply. ii. Provide modelling and optimisation analysis for hybrid system markets. |

E3.4 Anticipated Timelines

Figure 1 below outlines the anticipated timelines for the project up to Notice to Proceed with construction, currently planned for 2036. These timelines are subject to change depending on the necessary regulatory approvals.

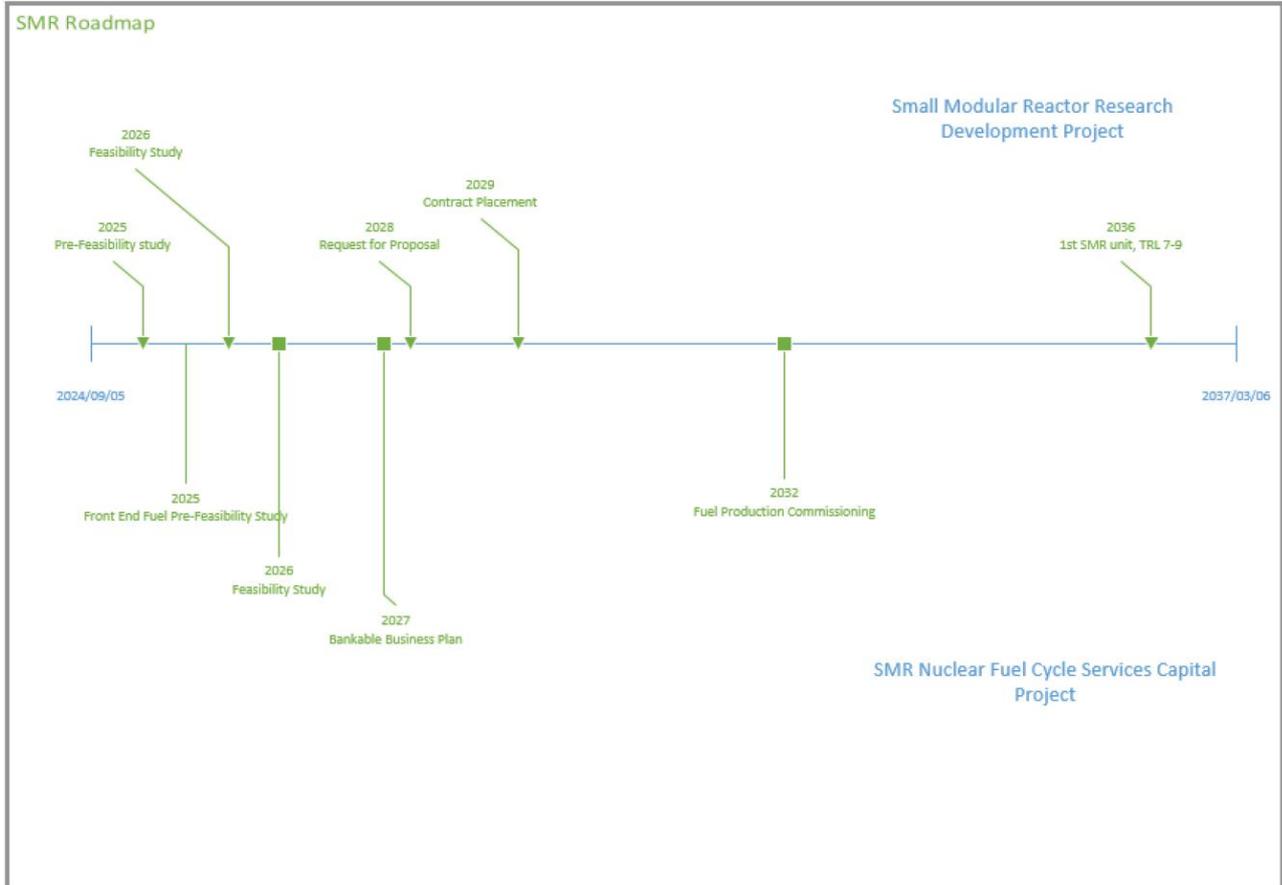


Figure 1: Expected Timelines with Key Milestones prior to Implementation