



Expression of Interest (EOI) for Identification and Capability Assessment of Agencies for Geothermal Resource Assessment, Exploration, Development, and Utilization of Geothermal Power Plant in Union Territory of Andaman & Nicobar Islands, India

EOI No. SECI/C&P/EOI/17/0003/26-27 dated 04.08.2026

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DISCLAIMER

- I. This Expression of Interest ("EOI") is issued by Solar Energy Corporation of India Limited ("SECI") solely for the purpose of identification and capability assessment of agencies for geothermal resource assessment, exploration, development and utilization of geothermal power plant in union territory of Andaman & Nicobar Islands, India.
- II. Though adequate care has been taken while preparing this EOI document, the Applicants shall satisfy themselves that the document is complete in all respect. Intimation regarding any discrepancy shall be given by the prospective Applicants to the office of SECI immediately. If no intimation is received from any Applicant within **07 (Seven) days** from the date of issuance of EOI documents, it shall be considered that the document is complete in all respect and has been received/ acknowledged by the Applicant(s).
- III. Solar Energy Corporation of India Limited (SECI) reserves the right to modify, amend or supplement this document.
- IV. The information contained in this EoI document or subsequently provided to the Applicants, whether verbally or in documentary or any other form by or on behalf of SECI, is provided to Applicants on the terms and conditions set out in this EoI.
- V. This EoI is not an agreement and is neither an offer nor an invitation by SECI to the prospective Applicants or any other person. The purpose of this EoI is to provide interested parties with information that may be useful to them in the formulation of their EoI response pursuant to this EoI.
- VI. All costs and expenses incurred by respondents in connection with this EOI, including preparation, submission, presentations, discussions, and negotiations, shall be borne entirely by the respondents. SECI shall not be liable for reimbursement of any such costs under any circumstances.
- VII. By submitting a response to this EOI, the respondent shall be deemed to have read, understood, and accepted the provisions contained in this Disclaimer.
- VIII. This EOI document has been prepared in good faith, and on best endeavour basis. Neither SECI nor their employees or advisors make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions herein, or the accuracy, completeness or reliability of information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this document, even if any loss or damage is caused by any act or omission on their part.

Place: New Delhi

Date: 04.08.2026

EOI INFORMATION SHEET

The brief details of the EOI are as under:

(A)	NAME OF WORK/ BRIEF SCOPE OF WORK/ JOB	Identification and capability assessment of agencies for geothermal resource assessment, exploration, development and utilization of geothermal power plant in union territory of Andaman & Nicobar Islands, India
(B)	EOI No. & DATE	SECI/C&P/EOI/17/0003/26-27 dated 04.08.2026
(C)	DATE, TIME & VENUE OF PRE- SUBMISSION MEETING	17.08.2026 (02:30 PM) in Online mode on Microsoft Teams Platform. The meeting link to join the same is: https://teams.microsoft.com/meet/416968026422325?p=Fh4yjcTgmKvFsusoXi
(D)	DEADLINE FOR SUBMISSION OF RESPONSE TO EOI	18.09.2026 (06:00 PM)
(E)	MODE OF EOI SUBMISSION	Online (Refer Clause 13.3 of the EOI for detailed methodology for submission of response)
(F)	APPLICATION FEES	Nil
(G)	EOI RESPONSE OPENING	As per the schedule of EOI on SECI website.
(H)	NAME, DESIGNATION, ADDRESS AND OTHER DETAILS (FOR REFERENCE)	Sh. Atulya Kumar Naik Executive Director (Contracts & Procurement) Solar Energy Corporation of India Limited 6 th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi - 110023 Email: aknaik@seci.co.in
(I)	DETAILS OF PERSONS TO BE CONTACTED IN CASE OF ANY ASSISTANCE REQUIRED	1) Sh. Pratik Prasun DGM (C&P) Contact No.: 011-24666237 pratikpr@seci.co.in 2) Sh. Prashant Soni DGM (PM) Contact No.: 011-24666388 p.soni@seci.co.in 3) Sh. Jayansh Gaur Dy. Manager (C&P) Contact No.: 011-24666281 jayansh.gaur@seci.co.in

1. Introduction

- 1.1. Solar Energy Corporation of India Limited (SECI), a Government of India Enterprise under the administrative control of the Ministry of New and Renewable Energy (MNRE), invites Expressions of Interest (EOI) from eligible and experienced entities, consortiums, technology providers, developers, drilling agencies, engineering organizations, research institutions, infrastructure developers, and integrated energy companies for undertaking geothermal resource assessment, exploration, pilot development, demonstration, and possible commercial deployment of geothermal energy systems in the Union Territory of Andaman & Nicobar Islands (A&N Islands), India.
- 1.2. The proposed initiative is aligned with the Government of India's renewable energy transition objectives, the National Policy on Geothermal Energy notified by MNRE on 15.09.2025, and India's commitment towards Net Zero emissions by 2070. The policy recognizes geothermal energy as a strategic renewable energy resource capable of providing reliable baseload renewable power, energy security for remote and island regions, and diversified clean energy solutions.
- 1.3. The Andaman & Nicobar Islands represent one of the identified geothermal provinces of India, possessing geological characteristics considered suitable for geothermal exploration and possible future development. The National Policy on Geothermal Energy specifically identifies the Andaman & Nicobar geothermal province among the key geothermal regions of the country for further exploration and deployment activities.
- 1.4. Considering the geographical isolation of the islands, dependence on imported fossil fuels and diesel-based generation, challenges associated with fuel logistics, and the need for reliable round-the-clock clean power, geothermal energy presents a potentially transformative opportunity for the Islands by enabling indigenous renewable baseload generation with high plant availability and low lifecycle emissions. The initiative is also expected to support sustainable economic growth, resilience of island energy infrastructure, and reduction in carbon intensity of electricity generation.
- 1.5. The Ministry of New and Renewable Energy has further emphasized international cooperation, technology transfer, joint research and development, and deployment of proven geothermal technologies suitable for Indian conditions through partnerships with global geothermal leaders including Australia, Iceland, Saudi Arabia, and the United States of America.
- 1.6. Through this EOI, SECI intends to identify technically capable and financially sound agencies possessing demonstrated expertise in geothermal resource assessment, geothermal drilling, subsurface characterization, geothermal power generation systems and integrated project execution capabilities. The EOI is intended to facilitate market discovery, capability assessment, technology mapping, and stakeholder participation for future structured procurement, pilot implementation, PPP development,

demonstration projects, or other suitable implementation models as may be finalized subsequently by SECI.

- 1.7. This EOI is open to eligible Indian and International entities, either individually or through consortium arrangements, subject to the applicable laws, regulations, and guidelines of the Ministry of New and Renewable Energy (MNRE), Government of India.
- 1.8. This EOI is exploratory and consultative in nature and shall not be construed as a commitment for award of work, issuance of tender, financial assistance, allocation of site, or grant of any exclusivity rights.

2. *Background and Policy Framework*

- 2.1. The Government of India has notified the National Policy on Geothermal Energy to facilitate exploration and development of untapped geothermal resources in India and to create a sustainable geothermal ecosystem through research, innovation, pilot deployment, and international collaboration.
- 2.2. The policy recognizes geothermal energy as a renewable resource capable of supporting:
 - Reliable 24x7 renewable baseload power generation;
 - Grid stability enhancement;
 - Energy access in remote and inaccessible regions;
 - Direct-use applications such as district heating and cooling, agriculture, aquaculture, food processing, cold storage, desalination, tourism, and industrial applications; and
 - Repurposing of drilling expertise and infrastructure from the oil and gas sector.
- 2.3. The Geological Survey of India (GSI) has identified and documented 381 hot springs across India and recognized 42 promising geothermal manifestations for future exploration and development. India's estimated theoretical geothermal resource potential has been assessed at approximately 10,600 MW.
- 2.4. The National Policy further acknowledges the strategic suitability of geothermal energy for remote and island territories due to its ability to provide dependable baseload renewable energy independent of weather variability.
- 2.5. The policy framework also encourages:
 - Public-private participation;
 - International technology collaboration;
 - Advanced geothermal systems;

- Hybrid geothermal systems;
- Exploration risk mitigation mechanisms;
- Resource assessment programs;
- Pilot and demonstration projects; and
- Capacity building and institutional ecosystem development.

2.6. This EOI has therefore been prepared taking into consideration the provisions, intent, and implementation philosophy contained in the National Policy on Geothermal Energy and relevant Government of India directives.

3. *Objective of the EOI*

3.1. The primary objective of this EOI is to invite participation from competent agencies for submission of technical, commercial, implementation, and capability inputs for geothermal resource assessment and possible development of geothermal energy projects in the Andaman & Nicobar Islands.

3.2. The EOI specifically aims to:

- Identify experienced geothermal developers, drilling agencies, technology providers, engineering firms, and consortiums
- Assess globally proven technologies suitable for island geothermal applications
- Evaluate implementation approaches for geothermal exploration and development under Indian conditions
- Explore scalable geothermal deployment pathways for power generation
- Facilitate stakeholder consultations and industry participation
- Understand commercial and contractual structures suitable for geothermal deployment
- Assess risk-sharing approaches for geothermal exploration
- Enable future structured bidding or pilot implementation by SECI
- Promote reliable renewable baseload generation in the Andaman & Nicobar Islands.

3.3. The EOI also intends to gather inputs on:

- Exploration methodologies
- Geological and geophysical assessment techniques
- Drilling technologies
- Environmental safeguards
- Reservoir sustainability
- Modular geothermal power systems

- Grid integration approaches
- O&M strategies
- Financing mechanisms; and
- Long-term scalability of geothermal deployment in island territories.

4. *Key Project Features*

- **Technology:** Dry Steam / Binary / Flash geothermal systems
- **Capacity:** To be determined based on resource assessment (initially 5 to 20 MW depending on sources available)
- **PPA Tenure:** 20–25 years
- **Tariff Cap:** ₹15/kWh (ceiling)
- **Project Mode:** BOOT /BOO

5. *Indicative Project Structure*

The proposed geothermal project is envisaged to be implemented in a phased manner comprising preliminary resource assessment and studies, exploratory drilling and resource validation, development of geothermal power systems, and associated environmental and social safeguard activities. The indicative scope under this EOI may include one or more of the following activities. The exact scope, implementation structure, project capacity, and contractual mechanism may be finalized subsequently based on techno-commercial evaluation, stakeholder consultations, policy directions, statutory approvals, geothermal resource viability, and site-specific considerations.

5.1. **Preliminary Assessment and Studies:**

The selected agency/agencies may be required to undertake preliminary geological, geochemical, geophysical, tectonic, hydrothermal, and geothermal investigations for identification and validation of prospective geothermal zones within the Andaman & Nicobar Islands.

As part of the preliminary assessment activities, responsibility for identification of land and assessment of its technical suitability for the proposed project may rest with the developer. Allotment of suitable and feasible Government land required for project implementation shall remain within the purview of the A&N Administration and shall be undertaken as per prevailing rules, regulations, and applicable policies.

The assessment activities may include:

- Geological mapping and structural analysis;
- Surface manifestation studies;

- Thermal gradient analysis;
- Magneto telluric (MT) surveys;
- Resistivity studies;
- Seismic and micro-seismic investigations;
- Gravity and magnetic surveys;
- Geochemical analysis of geothermal fluids and gases;
- Resource estimation; and
- Preparation of conceptual geothermal reservoir models.

The investigations shall be undertaken using internationally accepted standards, methodologies, and best industry practices suitable for geothermal exploration.

5.2. **Exploratory Drilling and Resource Validation:**

The scope may include exploratory drilling activities including slim-hole drilling, gradient wells, exploratory wells, confirmation wells, production wells, reinjection wells, and associated drilling services as may be required based on resource assessment outcomes.

The selected agencies may be required to:

- Undertake drilling program design
- Mobilize drilling rigs and equipment
- Carry out drilling operations under applicable safety standards
- Perform well testing and logging
- Conduct pressure-temperature-flow assessments
- Undertake reservoir stimulation where technically justified and permissible
- Carry out reservoir sustainability studies
- Establish reinjection strategies
- Assess long-term resource productivity; and
- Prepare bankable feasibility assessments.

5.3. **Development of Geothermal Power Systems:**

Subject to successful resource confirmation and techno-economic feasibility, the downstream development scope may include:

- Engineering, procurement, construction, installation, testing, and commissioning of geothermal power plants;
- Development of production and reinjection infrastructure;

- Wellfield development;
- Steam/fluid gathering systems;
- Binary cycle systems;
- Flash steam systems;
- Hybrid geothermal systems;
- Electrical evacuation systems;
- Grid synchronization;
- Island microgrid integration;
- Auxiliary systems;
- Instrumentation and controls ; and
- Long-term operation and maintenance.

The project configuration may include modular development approaches depending upon geothermal resource characteristics and system optimization requirements.

The indicative project capacity shall be determined based on detailed geothermal resource assessment and techno economic feasibility studies. At present, the envisaged project capacity is expected to be in the range of approximately 5–20 MW, subject to resource availability, reservoir characteristics, and site-specific conditions. However, the present EOI does not commit to any fixed minimum or maximum project capacity.

5.4. **Environmental and Social Safeguards:**

The Andaman & Nicobar Islands are ecologically sensitive regions possessing unique biodiversity, coastal ecosystems, forest areas, tribal reserves, and environmentally significant habitats. Accordingly, agencies shall be expected to adopt the highest standards of environmental stewardship, social responsibility, and sustainability.

The scope may therefore include:

- Environmental Impact Assessment (EIA)
- Environmental and Social Impact Assessment (ESIA)
- Biodiversity assessment
- Coastal and marine impact assessment
- Seismic risk assessment
- Waste management planning
- Water resource assessment

All activities shall be subject to applicable statutory approvals and compliance with prevailing laws, regulations, environmental norms, forest regulations, coastal regulations, wildlife provisions, and directions issued by competent authorities.

6. *Indicative Scope of Work for Selected Developer (through subsequent competitive bidding):*

The following indicative scope outlines the broad responsibilities that may be assigned to the selected developers at the subsequent competitive bidding stage:

6.1. Resource Assessment & Exploration:

The scope may include geological, geophysical, and geochemical investigations, followed by exploratory drilling activities such as slim-hole, exploration, production, and reinjection wells, along with associated drilling and well-testing services based on resource assessment outcomes. The selected agency may undertake drilling operations, reservoir assessment, resource estimation, reinjection planning, and preparation of techno-economic feasibility studies in compliance with applicable safety, environmental, and geothermal reservoir protection standards.

As part of the resource assessment and exploration activities, site identification and land assessment, wherever required, may also be undertaken in accordance with the provisions specified under Clause 5.1.

6.2. System Design and Engineering:

The vendor shall design, supply, install, and commission the power plant based on binary and/or flash geothermal technologies. The work shall include preparation of system design, process flow diagrams (PFDs), P&IDs, equipment layout, electrical and control system architecture, and all associated engineering drawings. The design shall ensure modularity, ease of transportation, and compatibility with site conditions. The control philosophy shall focus on maximizing power generation efficiency, ensuring safe operation, and enabling future scalability.

6.3. Supply, Installation and Commissioning of Plant:

The vendor shall undertake supply of items for complete geothermal power plant including turbine-generator set, heat exchangers, pumps, working fluid system, cooling system, and auxiliary systems. The scope shall also cover transportation, installation, erection, testing, and commissioning of the complete plant at site, ensuring readiness for continuous operation.

6.4. Power Evacuation & Grid Integration responsibility:

The scope shall include design, construction, testing and commissioning of the power evacuation system up to the interconnection point of the Electricity Department grid, as may be specified in subsequent bidding documents.

6.5. Maintaining Safe Operating Limits with Alarms and Interlocks:

The system shall continuously monitor all critical operating parameters such as temperature, pressure, flow rates, and turbine performance. Necessary alarms, trips, and interlocks shall be incorporated to ensure safe operation. All events shall be recorded with timestamp and integrated into the SCADA system for monitoring, diagnostics, and audit purposes.

6.6. Supply of Equipment:

The vendor shall undertake supply of items for complete geothermal power plant. The supply shall include, but not be limited to:

- Turbine-generator set
- Heat exchangers (evaporator, condenser, preheater as applicable)
- Working fluid system (including pumps, piping, and storage)
- Cooling system (air-cooled or water-cooled as per design)
- Electrical systems including switchgear, transformers, and cabling
- Instrumentation including pressure, temperature, and flow sensors
- PLC/SCADA-based control system with necessary redundancy
- HMI panels and licensed control software

All supplied equipment shall comply with relevant national/international standards and OEC (Owner's Engineering Criteria)/SECI specifications, suitable for operation in remote/high-altitude geothermal conditions.

6.7. Submission of As-built Drawings and Manuals:

Upon completion, the vendor shall submit complete documentation including as-built drawings, equipment data sheets, GA drawings, wiring diagrams, control logic documentation, and detailed Operation & Maintenance (O&M) manuals. Documentation shall be provided in both hard and soft copies.

6.8. Advanced Control, Optimization and Predictive Maintenance:

The system shall incorporate advanced control strategies for real-time optimization of power generation based on geothermal fluid conditions. Provision for data analytics and predictive maintenance shall be included to monitor equipment health (such as turbine performance, heat exchanger efficiency, and pump behavior) and provide early warning for preventive maintenance. This shall enhance plant reliability, efficiency, and lifecycle performance.

6.9. Real-time Monitoring of Plant Parameters:

Continuous monitoring of key parameters such as geothermal fluid temperature, pressure, flow rate, working fluid conditions, turbine speed, and power output. The system shall provide both local (HMI-based) and remote (SCADA-based) monitoring capabilities.

6.10. Automatic Optimization of Power Generation:

The control system shall dynamically regulate process parameters such as working fluid flow rate, turbine load, and heat exchange conditions based on real-time inputs. The system shall ensure optimal utilization of geothermal energy to maximize power output with minimal manual intervention.

6.11. Data Acquisition and Historical Data Storage:

All operational data shall be stored in a structured format in OEC (Owner's Engineering Criteria)/SECI servers for long-term analysis, performance evaluation, and reporting. The data shall support predictive maintenance and integration with digital monitoring systems.

6.12. Supply and Installation of Heat Exchange System:

High-efficiency heat exchangers (evaporator, preheater, condenser) shall be provided for effective heat transfer from geothermal fluid to the working fluid. The system shall be designed considering scaling, corrosion, and geothermal fluid characteristics. Provision for maintenance, cleaning, and performance monitoring shall be included.

6.13. Supply and Installation of Control System with Autonomous Operation:

- A PLC-based control system with SCADA integration shall be provided for monitoring and control of plant operations.
- The system shall enable autonomous operation with minimal manual intervention.
- Local HMI panels shall be provided for on-site control and monitoring.

- The control system shall ensure stable operation even during temporary communication loss with central systems.

6.14. **Integration and Safety Features:**

- The plant shall be integrated with geothermal wells, cooling systems, and power evacuation systems.
- Built-in safety interlocks, pressure/temperature limits, and emergency shutdown logic shall be provided.
- The system shall comply with applicable industrial standards and OEC safety requirements.

6.15. **Environmental & Social:**

The project shall include preparation of Environmental Impact Assessment (EIA) / Environmental and Social Impact Assessment (ESIA), obtaining all statutory and regulatory clearances, and implementation of biodiversity safeguards in line with the ecological sensitivity of the Andaman & Nicobar Islands.

6.16. **Capacity Building/ Training & Knowledge Transfer:**

The developer shall provide structured training, knowledge transfer and operational familiarization programmes for officials/personnel nominated by the competent authority during implementation and O&M phases.

7. *Implementing Approach*

- 7.1. The project may be implemented through one or more suitable models such as BOOT, BOO, under pilot demonstration model, phased implementation framework, research-led deployment, or any other implementation structure as deemed appropriate by SECI.
- 7.2. The implementation may be undertaken in phased manner broadly comprising:
 - Preliminary assessment and reconnaissance
 - Detailed exploration and resource validation
 - Exploratory drilling
 - Feasibility and bankability assessment
 - Pilot project development
 - Commercial deployment; and
 - Long-term operation and monitoring.

- 7.3. This EOI may lead to future structured procurement processes, competitive bidding, empanelment, pilot allocation, technology demonstration programs, or strategic partnerships.

8. *Eligibility Criteria*

Interested Indian and International entities may participate either individually or as members of a consortium.

8.1. Technical Eligibility:

The participating entities should possess demonstrable technical expertise in one or more of the following areas:

- Geothermal exploration and development;
- Oil and Gas drilling operations;
- Deep drilling technologies;
- Renewable energy project development;
- Power plant engineering;
- Island energy systems;
- Geothermal EPC;
- Advanced geothermal systems;
- Geothermal drilling services; or
- Integrated infrastructure development.

The participating entity/lead member should preferably demonstrate experience in execution of:

- Geothermal projects; or
- Oil & gas drilling projects involving deep drilling operations (at least one drilling project with a depth of 1000 meters or more); or
- Infrastructure or energy projects involving advanced subsurface investigations; or
- Renewable energy projects of utility scale nature.

The participating entities should have successfully completed at least one project in the energy sector with a capacity of 10 MW or above.

Participation from international geothermal technology providers, research institutions, drilling companies, OEMs, engineering organizations, and specialized geothermal consultants is also encouraged, either independently or through consortium arrangements with Indian entities.

Consortium arrangements shall clearly define:

- Lead member;
- Roles and responsibilities;
- Technical scope allocation;
- Financial participation; and
- Project execution responsibilities.

8.2. **Financial Eligibility:**

The participating agencies should demonstrate adequate financial strength and capability. Indicative financial criteria such as minimum net worth and annual turnover requirements may be considered during subsequent bidding stages depending upon project scope, capacity, and implementation structure.

The above eligibility criteria are indicative in nature and may be suitably modified at subsequent stages, considering project requirements, site-specific conditions, applicable regulatory provisions, and consultations with the applicants.

9. *Power Purchase Agreement*

9.1. **Key Terms:**

The power generated from the project shall be procured by the Electricity Department of the Andaman & Nicobar Administration or its designated utility. The Power Purchase Agreement (PPA) shall be executed for a tenure of 20–25 years from the date of commercial operation. The project shall be accorded must-run status, and an appropriate payment security mechanism, including a Letter of Credit (LC), shall be established to ensure timely payments.

9.2. **Tariff:**

The tariff for the project shall be discovered through a competitive bidding process, subject to a ceiling of ₹15 per kWh (₹15/unit).

10. *Risk Allocation & Commercial Consideration Framework*

Geothermal projects involve inherent uncertainties associated with subsurface resource assessment, drilling outcomes, reservoir sustainability, environmental conditions, logistics, and site-specific geological factors. Accordingly, the future project structure may incorporate suitable risk allocation mechanisms depending upon project stage, commercial structure, and policy support framework.

Any future project development shall be subject to:

- Detailed techno-commercial evaluation;
- Resource confirmation;
- Government approvals;
- Financial viability;
- Applicable policies and regulations etc.

11. *Indicative Project Timeline*

The project implementation is envisaged to be undertaken in a phased manner comprising resource assessment and feasibility studies, exploratory drilling and resource validation, and subsequent geothermal power plant development. The resource assessment and feasibility phase may typically require approximately 18 months, followed by exploration and resource validation activities, while the downstream geothermal power plant development phase, including construction, installation, and commissioning, may require approximately 24 months, subject to successful resource confirmation and project-specific conditions.

The above timelines are indicative in nature and may be suitably modified based on site-specific conditions, project requirements, and subsequent consultations with the applicants.

12. *Key Outcome of this EOI*

This EOI does not seek to shortlist or award any contract at this stage; rather, it is intended to facilitate market assessment and identification of technically competent and experienced developer(s) for potential deployment of geothermal power plants. The EOI aims to identify capable agencies with demonstrated experience in resource assessment and exploration, design, supply, installation, commissioning, long-term operation, and monitoring of geothermal power plants based on Dry, Binary, and/or Flash geothermal technologies, particularly in remote and challenging environments, with the ability to execute the project within the stipulated timeline specified under Clause 11.

13. Submission Requirements

Interested Indian and International entities shall submit detailed EOI responses covering, inter alia:

13.1. Company Profile & Organizational Details:

- Brief company profile including ownership structure (e.g., name, address, legal status etc.)
- Organization structure and manpower strength.
- Relevant experience – past work in similar geothermal power projects & ongoing projects
- Technical capabilities.

13.2. Technical Experience & Credentials:

- Detailed Technical Proposal and Methodology
- Case studies and performance reports from past deployments
- Client references

13.3. Miscellaneous Information:

- Limitations or boundary conditions of the proposed technology, if any;
- Proposed implementation approach;
- Resource assessment strategy;
- Indicative timelines;
- Risk assessment and mitigation strategy;
- Indicative commercial framework;
- Financing approach;
- Consortium details, if applicable; and
- Any additional recommendations considered relevant for successful geothermal deployment in the Andaman & Nicobar Islands;
- Client references.

Applicants may also provide recommendations on:

- Exploration risk-sharing mechanisms
- Viability enhancement measures
- Regulatory facilitation
- Technology localization

13.4. Submission of Response to EOI

Interested Entities/ Applicants shall submit their response to this EOI, along with the duly filled Annexure-1 (General Particulars of the Applicant) and all supporting documents and information required under Clauses 13.1, 13.2 and 13.3, in Electronic form (PDF and/or PPT format), through e-mail to the following e-mail IDs: pratikpr@seci.co.in; p.soni@seci.co.in; jayansh.gaur@seci.co.in.

The subject line of the email shall clearly mention: “***EOI for Capability Assessment of Agencies for geothermal resource assessment in UT Of A&N Islands, India***”.

Submission Deadline: The response shall be submitted on or before the submission deadline specified in the EOI Information Sheet.

14. Regulatory and Statutory Compliance

The participating agencies shall comply with all applicable laws, rules, regulations, codes, standards, and statutory requirements in force from time to time.

Further, obtaining all statutory approvals, permissions, and clearances required for project development shall be the responsibility of the developer, with necessary facilitation and support from the UT Administration, wherever required.

15. Right of SECI

SECI reserves the right, at its sole discretion and without assigning any reason, to:

- Accept or reject any or all EOI submissions
- Modify, withdraw, suspend, or cancel the EOI process
- Seek additional information or clarifications
- Conduct discussions or presentations with applicants

SECI shall not be liable for any costs or expenses incurred by applicants in connection with preparation or submission of responses to this EOI.

16. General Provisions

The EOI is intended to facilitate industry consultation and capability assessment for geothermal development in the Andaman & Nicobar Islands. The information contained herein is indicative and subject to modification based on policy directions, technical assessments, stakeholder consultations & statutory requirements.

The participating agencies are advised to undertake independent assessments regarding technical feasibility, logistics, environmental sensitivity, transportation constraints,

statutory requirements, island operational conditions, and commercial viability prior to submission of responses.

The geothermal sector in India is presently at an emerging stage, and therefore phased, technically robust, environmentally responsible, and risk-informed approaches shall be critical for successful deployment.

SECI intends to work in close coordination with MNRE, Andaman & Nicobar Administration, relevant Government agencies, technical institutions, and industry stakeholders to facilitate development of a sustainable geothermal ecosystem in India consistent with national energy transition objectives and international best practices.

Annexure-1**GENERAL PARTICULARS OF THE APPLICANT***(To be submitted on the Letterhead of the Applicant)*

S. No.	Particulars	Details
1	Name of Applicant/ Company Name	
2	Communication Address	
3	Registered Address	
4	CIN/ Registration No.	
5	Website	
6	Contact Person - Name and Designation	
7	Phone No.	
8	E-mail	
9	Year of Incorporation	
10	Country(ies) of Operation	
11	Nature of Business of the Company	
12	Legal Status of the Company	
13	PAN	
14	GST No	