

COAL INDIA LIMITED

(A Government of India Enterprise)



REQUEST FOR EXPRESSION OF INTEREST

FOR

**Identification of players for setting up of a Graphite
purification demonstration/commercial plant in CIL
identified area in India**

EOI Document No.: CIL/BD/CM&IC/2025/09 dated 29.01.2026



Request for EOI: Identification of potential bidders for setting up of Graphite purification demonstarnation/commercial plant in CIL identified area in India

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1.0 Disclaimer

Coal India Limited has prepared this expression of interest (EOI) document solely to assist CIL in identifying the potential players with requisite technological capacities willing to participate in the tender for setting of graphite purification plant in India.

This information provided herein is not intended to be exhaustive and interested participants are required to make their own inquiries /conduct necessary due diligence while submitting the EOI.

This is an Open EOI document to gauge the market and identify players willing to participate in tender for setting up of Graphite purification plant in India in CIL identified area.

Post deadline of EOI, CIL may conduct a separate bid process as per its tender guidelines and rules for selection of vendor for setting up of Graphite purification demonstration/commercial plant in India on EPC-cum-Technology Licenser-cum-O&M mode or any other suitable model in CIL identified area.

The information and data shared and exchanged against/under this document/EOI shall be strictly confidential.



2.0 Introduction

- 2.1. Coal India Limited (CIL), the state-owned coal mining corporate headquartered in Kolkata West Bengal, came into being in November 1975. Currently, CIL through its seven producing subsidiaries operates in 85 mining areas spread over eight (8) states of India, managing a total of 310 working mines, consisting of 129 underground, 168 opencast, and 13 mixed mines.
- 2.2. CIL Produces around 80% of India's overall coal production. In India where approximately 55% of primary commercial energy is coal dependent, CIL alone meets to the tune of 40% of primary commercial energy requirement.
- 2.3. CIL is a Maharatna company – a privileged status conferred by Government of India to select state owned enterprises in order to empower them to expand their operations and emerge as global giants. The seven producing subsidiaries of CIL are as follows:
 - a) Eastern Coalfields Limited (ECL)
 - b) Bharat Coking Coal Limited (BCCL)
 - c) Central Coalfields Limited (CCL)
 - d) Western Coalfields Limited (WCL)
 - e) South Eastern Coalfields Limited (SECL)
 - f) Northern Coalfields Limited (NCL)
 - g) Mahanadi Coalfields Limited (MCL)
- 2.4. Additionally, CIL has a specialized mine planning and consultancy subsidiary, Central Mine Planning & Design Institute (CMPDI).
- 2.5. CIL has also incorporated following objective specific subsidiaries /JVs to pursue its non-core businesses:
 - a. **Bharat Coal Gasification and Chemicals Limited (BCGCL)**, a JVC of CIL and BHEL, in which CIL holds 51% shareholding to set up a Coal to Ammonium Nitrate project in Lakhnupur, Odisha
 - b. **CIL Navikarniya Urja Limited (CNUL)**, a wholly owned subsidiary of CIL
 - c. **Coal Gasification India limited (CGIL)**, a JVC of CIL and GAIL, in which CIL holds 51% shareholding to set up a Coal to SNG project in Bhadarpur, West Bengal
 - d. **CIL Rajasthan Akshya Urja Ltd (74%)**, new subsidiary and joint venture Company formed by Coal India Limited (CIL) and the state-owned power company Rajasthan Rajya Vidyut Utpadan Nigam Limited (RRVUNL)



2.6. Financial Performance in Last FY 2024-25:

- In the last Financial Year, CIL perpetuated strong cash reserves with robust cash flow from operations, a healthy dividend yield, high profitability ratios, and very low debt, indicating a strong balance sheet.
- Maintaining its strong financial fundamentals, CIL posted a profit after tax of INR 35,302 crores. Profit Before Tax was INR 46,966 Crores.
- Revenue from operations was INR 1,43,369 Crores and Net Sales were INR 1,26,957 Crores. The company's Net Worth grew by 20% to INR 99,105 Crores against INR 82,711 Crores of FY 2023-24.
- Earnings before interest, tax, depreciation, amortisation and impairment (EBITDA) at INR 51,640 Crores was nearly at par with INR 51,793 Crores of FY 2023-24.

2.7. For detailed profile of company and past financial results, Applicants may visit the CIL website: <https://www.coalindia.in/performance/annual-reports/>

2.8. Diversification:

Coal India (CIL) is actively pursuing a diversification strategy to reduce its dependence on coal and transition towards a more sustainable energy future.

This involves diversifying into renewable energy by establishing coal based-thermal and pump storage projects, solar & wind energy generation projects, critical minerals, underground coal gasification etc. The integration with renewables is a crucial step towards achieving a sustainable energy future.

The company's long term vision prioritizes diversification into new business verticals over the coming decades to respond to changing dynamics in the energy market and enhance the cleaner use of coal to reduce its carbon footprint.



3.0 Vision, objective for Domestic Graphite Value Chain

Under its diversification initiatives, Coal India Limited has identified Critical minerals as one of the potential area to venture into. The economic importance of critical minerals for value add industries, along with risks to stable supply make them strategically valuable. Coal India Limited is looking for the critical minerals like Nickel, Cobalt, Lithium, Graphite, Copper and others in countries ranging from Australia, Argentina, Chile etc.

Subsequently CIL has incorporated object clause pertaining to critical minerals business value chain in its Memorandum of Association to affirm its focus on critical mineral strategy as follows: *"To carry on all kinds of business in India or abroad relating to critical minerals including but not limited to Lithium, Nickel, Cobalt, Vanadium, Copper, Manganese and carry on activities including but not limited to producing, buying, selling, trading, importing, exporting, dealing, processing, mining, exploring, accumulating, acquiring, sourcing, leasing, distributing, transferring, preserving, mixing, financing, supplying, contracting, consuming, manufacturing, conducting research and development relating to any critical mineral and products of all kinds and specification in which critical minerals are used".*

Under its diversification plans, Coal India has been continuously pursuing opportunities to acquire critical mineral assets within India and abroad. Through such endeavors, CIL has acquired two graphite block within India: One in Khattali Chhoti Graphite block in Madhya Pradesh and the other is Oranga-Revatipur Graphite and Vanadium block in Chhattisgarh.

Aligned with National interest and priorities, CIL's vision is to establish end to end integrated graphite value chain- from developing domestic resources and beneficiation to purification to product manufacturing (Anode Active Material, Anode, Battery etc.). CIL intends to establish this ecosystem in 4 phases:

1. Mining
2. Beneficiation
3. Purification



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4. Downstream Product Manufacturing like Anode Active Material, Anode and Battery etc

In recent development, CIL has started pre-project activities to develop Oranga-Revatipur Graphite & Vanadium Block in Chhattisgarh. In the said project, CIL intends to cover mining and processing of graphite. The project is estimated to start production in 2028.

In addition to above, CIL is also exploring the establishment of a graphite purification plant in India, as no domestic company yet carry out battery grade graphite purification.

For downstream processing, CIL envisages to first establish a demonstration plant for purification of graphite concentrate to commercialize it at later stage if found feasible.

4.0 The proposed Graphite Purification Plant Project

The purification plant will utilize proven flowsheets/technology for purification, micronization, spheronisation and coating to produce coated spherical purified graphite (CSPG) of FC >99.95%.

The key details on the demonstration/commercial purification plant to produce CSPG is as follows:

- Ore Type: Natural Flake Graphite from India
- Feed Grade: ~95% FC Graphite concentrate
- Throughput (estimated): 5000 tpa of 95% concentrate
- Plant output: CSPG of Grade >99.95% FC
- Plant Location: at CIL identified Area
- Unit Operation: Purification, Micronisation, Spheronisation, Coating etc

Key Timelines for purification plant development (tentative):

- Vendor finalization: By April 2026
- Commissioning of plant: By December 2027



5.0 Intent of EOI

5.1 CIL intends to set up a Demonstration/commercial graphite purification plant in an identified suitable area preferably within its leasehold areas or any other suitable area in India to convert natural graphite concentrate into high grade coated spherical graphite.

5.2 Accordingly, CIL invites Expressions of Interest (EOIs) from technically and financially capable firms having proven experience in graphite purification, as well stakeholders in the field for their recommendation/suggestion for setting up of a natural graphite purification demonstration/commercial plant in **EPC-cum-Technology Licensor-cum-O&M mode** or any other suitable model in CIL identified areas envisaged to be established with a **two-phase approach**.

- i) **Phase-1:** Detailed Site Suitability Assessment, Feasibility Studies, and Plant design
- ii) **Phase-2:** EPC Execution, Commissioning and O&M of the purification plant Facility

5.3 The objective of this EOI is to identify competent technology providers, EPC partners and relevant companies/stakeholders in the field who can:

- i) Supply proven, efficient, and eco-friendly purification technology suitable for Indian conditions; and
- iii) Designing, constructing, commissioning and O&M of the purification plant Facility in CIL's identified areas.

5.4 **Scope of Work for the proposed project/Work**

Post EoI based on inputs received from participating entities, a formal selection process shall be undertaken by CIL for selection of one or more suitable partners for the setting up of a natural graphite purification demonstration/commercial plant in **most suitable model to produce CSPG of Grade >99.95%**. The selected partner(s) (sole or consortium) shall undertake all technical studies, site suitability, techno-commercial feasibility study, designing, engineering & commissioning and O&M activities required to develop the natural graphite purification plant in the following two phases:



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A. Under Phase-1: Site Suitability Assessment, Feasibility Studies, and plant design:

1. Site Suitability Assessment:

- a. Assessment of land, soil, water and infrastructure development
- b. Selection of Demonstration/commercial scale plant within the identified land area based on techno-commercial potential.

2. Plant Design:

- a. Preparation of a purification process flow diagram including material and water balance, equipment selection, and other operational parameters to produce CSPG of grade >99.95%.
- b. Prepare plant layout and site plan, develop processing and production model with logistics, human interaction, safety considerations.
- c. Designing the instrumentation and control systems, utility connections and waste treatment facilities.

3. Techno-Commercial Feasibility Study

- a. Cost estimation (CAPEX & OPEX), output viability, utilities and infrastructure requirements, approvals, risk analysis, and environmental impact preliminaries.
- b. Recommendation on project scale.

B. Under Phase-2: Engineering, Procurement, Construction (EPC) and O&M

- 1. Technology Offering:** Providing proven or demonstrated Graphite purification technology including equipment/unit design, control systems, material handling, and process safety systems.
- 2. Project Design & Engineering:** Preparation of detailed design, engineering, and layout for plant operations including Acid leaching units, alkali roasting units, filtration and washing equipment/ thermal treatment unit, effluent treatment system, and other ancillary units and facilities, as applicable.



3. **Implementation on EPC Basis:** Execution of the project including supply, installation of the CSPG plant units, construction, commissioning, and performance testing on EPC mode.
4. **O&M Support:** Post-commissioning operational assistance, capacity building, and training for CIL's technical personnel. The duration of the Operations and Maintenance (O&M) services for the project shall be determined at a subsequent stage.
5. **Environmental & Safety Compliance:** Ensure compliance with statutory norms, monitoring systems for safety parameters, waterbody protection, and environmental safeguards. Adopt best practices to ensure long-term environmental safety.

5.5 Based on the responses received from the potential bidders, CIL will conduct a tendering process for selection of Vendor(s) for the said project. The selected Vendor(s) will be expected to provide best-in-class technologies.

6.0 Roles and Responsibilities for the proposed plant

- 6.1 The proposed plant is envisaged to be established in any one of the subsidiaries of CIL or any other land identified by CIL in India, which shall be selected based on the site suitability study inclusive of infrastructure, logistics, land and environmental study.
- 6.2 **Role of EPC / Technology Lessor:** The EPC Vendor-cum-Technology provider/ Lessor shall be responsible for the design, execution, and safe operation of the plant. The scope shall include:
 - 6.2.1 Provide proven commercially or demonstrated graphite purification technology including micronisation, spherisation and coating suitable for Indian natural graphite.
 - 6.2.2 Execute the project on an EPC basis, including designing, procuring, construction, installation, testing, and commissioning of all facilities.
 - 6.2.3 Obtaining all the statutory clearances (environmental, safety, and operational).
 - 6.2.4 Provide O&M services, manpower training, and technology transfer to CIL's technical teams on mutually agreed terms.



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- 6.2.5 Ensure reliable and safe coated spherical purified graphite production within specified performance parameters.
- 6.2.6 Liaise with regulatory bodies for necessary clearances (environmental, safety, and operational).
- 6.2.7 Implement environmental protection, safety measures in compliance with statutory regulations.
- 6.3 The duration of the Operations and Maintenance (O&M) services for the project shall be determined at a subsequent stage and shall be governed by terms and conditions mutually agreed upon by the parties

7.0 Eligibility Criteria:

- 7.1 **Technical Eligibility:** The Interested Party (**either individually or as a consortium/joint venture**) must demonstrate adequate technical capability and experience as follows:
 - 7.1.1 The EPC vendor/bidder should have **proven experience in setting up a plant at commercial scale or validated through a pilot/demonstration project, with proven capability to produce** coated spherical purified graphite or a similar facility in EPC plus O&M mode including design, engineering, construction, commissioning, performance testing, operation and maintenance.
 - 7.1.2 The Technology Lessor/ bidder should possess or have access to a proven, **commercially operational or demonstrated/pilot scale** graphite purification technology.



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7.2 The technology must have been implemented at either pilot or commercial scale and should have demonstrably achieved purification of graphite concentrate into coated spherical purified graphite of the required quality, while ensuring safe and reliable operations.

7.3 The bidder should have prior experience in Operation & Maintenance (O&M) of graphite commercial/demonstration or pilot purification plants.

7.4 The bidder should be capable of providing comprehensive EPC services, including detailed engineering, procurement, construction, commissioning, and performance testing.

7.5 The bidder should demonstrate capability in environmental protection, and safety management systems and other key aspects of the project.

7.6 Financial Eligibility: To ensure financial soundness and sustainability during project execution and operation, following financial criteria has been estimated:

7.6.1 The Interested Party/ Consortium should have a minimum average annual turnover of INR 50 crore (or equivalent in foreign currency) during the last three (3) financial years preceding the date of EOI/NIT for selection.

7.6.2 The Interested Party/each consortium member should have a positive net worth as on the last audited financial year from the date of EOI/NIT.

7.7 Legal & Statutory Requirements

The Applicant must be a legally registered entity in India or overseas.

Must not be:

- i. Blacklisted or debarred by any government/PSU/financial institution

Note: All provisions, restrictions, and compliance requirements prescribed under the Government of India's policies and regulations relating to entities from countries sharing land borders with India shall apply at the time of selection Tender.

7.8 Consortium Eligibility (If Applicable)

If the Applicant is a consortium:

- Consortium Agreement/MoU must be submitted along with the EOI.
- The consortium can have a maximum of three members.
- One member must be designated as the Lead Partner with:
 - Minimum 51% participation



- Primary responsibility for project execution and coordination
- Combined technical and financial eligibility of the consortium will be considered.

7.9 Additional Preferred Criteria (Not Mandatory)

7.9.1 The other stakeholder/companies may furnish their technical/commercial capabilities/experience with regards to setting up graphite purification plant in line with the formats given in Annexures -3.

8.0 Submission Guidelines

8.1 The Applicant shall furnish following information in its EOI:

A. General Information about the Applicant:

- i) The information about the Applicant should be furnished as per format provided in Annexure-1 with reference documents.
- ii) Undertaking should be furnished as per format provided in Annexure-2.

B. Technical Information about the Applicant:

The Applicant shall furnish details of such experience in the format given in Annexure-3.

C. Financial Information about the Applicant:

The Applicant shall furnish the Annual Turnover and Net Worth during the last three financial years just preceding the financial year in which EOI has been submitted in the format given in Annexure-4.

Note: Financial data should be provided in Indian Rupees only. Audited financial statements for the last three (3) financial years, duly certified by a Chartered Accountant / Statutory Auditor, shall be submitted as proof

D. Recommendation on Basic Plant Parameters

The applicant shall furnish the sheet as per Annexure-5 with their recommendation on various parameters/items with reference to setting up



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the demonstration/commercial CSPG plant in India.

9.0 Mode of EOI Submission

9.1 This EOI will be available for download from CIL's official website "<https://www.coalindia.in>" and its subsidiaries official website <http://nclcil.in/> , <http://www.secl-cil.in/> , <http://westerncoal.in/> , <https://www.cmpdi.co.in/> , <http://www.mahanadicoal.in/> , <http://www.easterncoal.nic.in/> , <http://www.centralcoalfields.in/> , <http://www.bcclweb.in/> where all relevant details and documents will be made available. Participants are required to regularly check the website for amendments, updates and additional information. For further queries, participants can contact the following persons:

- a) Dr. Chandra Shekhar Singh
GM (BD)
Critical Mineral & International Cooperation
Coal India Limited
gmbd.cm.cil@coalindia.in
- b) Ms. Anju Markam
Manager (CP)
Critical Mineral & international Cooperation
anju.markam3371@coalindia.in

9.2 EOIs must be submitted via email to gmbd.cm.cil@coalindia.in with a copy marked to anju.markam3371@coalindia.in within the time and date stated in this REOI document with email subject line being "EOI –Graphite purification plant– [Name of Applicant]".

10.0 General Instruction for EOI submission

- 10.1 The language for submission of EOI shall be English.
- 10.2 The enclosed attachments shall be filled in completely and wherever not applicable it should be written as "Not Applicable". Applicants should furnish the required information and desist from writing "shall be furnished later" or submitting the blank form.
- 10.3 In case the Applicant intends to give additional information for which



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specified space in the given attachment is not sufficient, it can be furnished by additional sheets.

- 10.4 All the pages of the EOI and attachments should be signed and corrections and over writings should be countersigned by the authorized signatory.
- 10.5 The Applicant should submit an undertaking as per Format provided in Annexure-2.
- 10.6 CIL at any time reserves the right to cross check and confirm the information / details furnished by the Applicant.
- 10.7 All costs incurred by Applicant for preparing and submitting the EOI, in providing clarification or any other expenses whatsoever shall be borne by applicants themselves, regardless of the conduct or outcome of the EOI process.
- 10.8 CIL may, at its sole discretion, revise and extend the EOI submission deadline by amending the REOI documents. Upon such amendment, the extended deadline shall be binding on both CIL and all Applicants.
- 10.9 The Applicant can seek clarifications on any matter pertaining to this REOI document by submitting its queries to gmbd.cm.cil@coalindia.in with a copy marked to anju.markam3371@coalindia.in within the timeline specified in this REOI document.

11.0 Amendment to REOI Documents:

- 13.1 At any time prior to the deadline for submission of EOIs, CIL may, for any reason, whether at its own initiative, or in response to a clarification requested by any Applicant, amend the REOI document.
- 13.2 The related information and amendments will be uploaded on <https://coalindiatenders.nic.in/> as well as CIL's website (<https://www.coalindia.in>) and its subsidiaries official website <http://nclcil.in/> , <http://www.secl-cil.in/> , <http://westerncoal.in/> , <https://www.cmpdi.co.in/> , <http://www.mahanadicoal.in/> , <http://www.easterncoal.nic.in/> , <http://www.centralcoalfields.in/> , <http://www.bcclweb.in/> . It will be assumed that the amended information



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have been taken into account by the Applicant in its EOI.

- 13.3 In order to afford prospective Applicants reasonable time in which to take the amendment into account in preparing their response, CIL may, at its discretion, extend the deadline for the submission of EOIs.
- 13.4 Applicants are advised to check regularly above stated website for updates.

12.0 Schedule:

- 14.1 Timeline associated with the EOI is shown below..

Event	Date / Time (proposed)
Issuance of REOI document by CIL	02.02.2026
Pre-EOI Meeting	09.02.2026
Last Date and Time for submission of queries / request for clarifications by the Applicants	16.02.2026, 18:00 Hrs
Last Date and Time for receipt of EOIs by CIL	02.03.2026, 18:00 Hrs

13.0 Right to Accept or Reject EOI:

- 15.1 Notwithstanding anything contained in this REOI document, CIL reserves the right to accept or reject any EOI or annul the process or reject all EOIs at any time without any liability or any obligation for such acceptance, rejection or annulment without assigning any reasons.
- 15.2 This is an Open EOI document to gauge the market and identify players willing to participate in tender for setting up of Graphite purification demonstration/commercial plant in India on EPC-cum-Technology Licensor-cum-O&M mode or any other suitable model in CIL identified area.
- 15.3 Post deadline of EOI, CIL may conduct a separate bid process as per the tender guidelines and rules of CIL for selection of vendor for setting up of Graphite purification demonstration/commercial plant in India on EPC-cum-Technology Licensor-cum-O&M mode or any other suitable model in CIL identified area.



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15.4 Contact Information:

For any queries, clarifications, or communication related to this Expression of Interest (EOI), Applicants may contact following officials:

Contact Person(s)/Tender Dealing Officer(s)	
Dr. Chandra Shekhar Singh GM (BD) Critical Mineral & International Cooperation Coal India Limited gmbd.cm.cil@coalindia.in	Ms. Anju Markam Manager (CP) Critical Mineral & international Cooperation anju.markam3371@coalindia.in

14.0 Corrupt or Fraudulent Practices:

16.1 CIL requires that Applicants observe the highest standard of ethics during the procurement and execution of the contracts. In pursuance of this policy, CIL:

- a) Defines, for the purposes of this provision, the terms set forth below as follows:
 - i) “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
 - ii) “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practice among Applicants (prior to or after submission of EOI) and to deprive CIL of the benefits of free and open competition;
- b) will reject an EOI if it determines that the Applicant has engaged in corrupt or fraudulent practices;
- c) will declare a firm ineligible, either indefinitely or for a stated period of



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time, for any subsequent shortlisting/ tendering process if it at any time determines that the firm has engaged in corrupt or fraudulent practices.

- 16.2 Applicant or bidder means the entity participating or intending to participate in this process, namely, Request for EOI: **Identification of potential bidders for setting up of Graphite purification demonstration/commercial plant in CIL identified area**, as the case may be, shall respectively be referred as Applicant or Bidder.
- 16.3 Applicable Law and Jurisdiction: This EOI document shall be construed in accordance with the applicable laws of India. The Courts at Kolkata shall have exclusive jurisdiction in any proceedings arising out of this document.



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15.0 List of Formats

- **Covering Letter**
- **Annexure-1:** General information of the Applicant
- **Annexure-2:** Format for Undertaking
- **Annexure-3:** Details of Applicant's experience
- **Annexure-4:** Financial information of the Applicant
- **Annexure-5: Recommendation on Basic Plant Parameters**



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Covering Letter

(On Applicant's letterhead)

Ref.:

Date:

Place:

To,

General Manager (BD)
Critical Minerals and International Cooperation
Coal India Limited
Coal Bhawan
Premise No-04 MAR,
Plot No-AF-III, Action Area-1A,
Newtown, Rajarhat, Kolkata-700156
PBX: 033 7110-4349
Email: - gmbd.cm.cil@coalindia.in

Subject: EOI for Identification of potential bidders for setting up of Graphite purification demonstration/commercial plant in India in CIL identified area

EoI Reference: CIL/BD/CM&IC/2025/09 **dated** 29.01.2026

Dear Sir,

We hereby, submit our EOI for "**Identification of potential bidders for setting up of Graphite purification demonstartion/commercial plant in CIL identified area in India**" in accordance to the Request for Expression of Interest (REOI) Document No. CIL/BD/CM&IC/2025/09 **dated** 29.01.2026 of Coal India Ltd. (CIL), hereinafter, referred to as REOI Document.

We hereby confirm the following:

The EOI is being submitted by _____ (Name of the Applicant Entity) who is the Applicant in accordance with the conditions stipulated in the REOI Document.

We _____ (Name of the Applicant Entity), as the Applicant, would be responsible for completion and performance of the anticipated Scope of Work.

We hereby submit the following details in accordance with the conditions stipulated



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in the REOI Document:

We have examined in detail and have understood, and abide by, all the terms and conditions stipulated in the REOI Document and in any subsequent communication sent by CIL. Our EOI is consistent with all the requirements of submission as stated in the REOI Document or in any of the subsequent communications from CIL.

The information submitted in our EOI is complete, is strictly as per the requirements as stipulated in the REOI Document and is correct to the best of our knowledge and understanding.

Signed for and on behalf of

(Sign. & Seal of Authorized Signatory)

Enclosures – As per the list of documents given below:

Sl. No.	Formats as per REOI Document	Description	Documents Submitted
1.	Annexure-1	General information of the Applicant	Yes/No
2.	Annexure-2	Format for Undertaking	Yes/No
3.	Annexure-3	Details of Applicant's experience	Yes/No
4.	Annexure-4	Financial information of the Applicant	Yes/No
5.	Annexure-5	Recommendation on Basic Plant Parameters	Yes/No



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Annexure-1: General information of the Applicant

(On Applicant's letterhead)

1 Applicant Entity Details		
1.1	Full Legal Name of Applicant's entity	
1.2	Legal Status of the Applicant's entity	Public Ltd. Co. / Pvt. Ltd. Co. / Partnership / Proprietorship / Any other status as applicable
1.3	Corporate Identification Number	
1.4	Registration No.	
1.5	Year of Registration	
1.6	Registered Office Address	
1.7	Telephone Number	
1.8	Fax Number	
1.9	e-mail Address	
1.10	PAN	
1.11	Principal Place of Business	
1.12	GSTIN	
2 Details of Personnel authorized for signing EOI		
2.1	Name	
2.2	Designation	
2.3	Address	
2.4	Mobile Number	
2.5	e-mail ID	
3 Details of Contact Person for Participation in Tenders post EOI		



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3.1	Name	
3.2	Designation	
3.3	Address	
3.4	Mobile Number	
3.5	e-mail ID	

(Sign. & Seal of Authorized Signatory)

Note: CIL reserves the right to seek additional documentary evidence from applicants in support of their respective statements.

The applicant may use additional page to furnish details if the space provided in this form is inadequate.



Request for EOI: **Identification of potential bidders for setting up of Graphite purification demonstarnation/commercial plant in CIL identified area in India**

Annexure-2: Format for Undertaking

(TO BE SUBMITTED ON COMPANY LETTERHEAD)

I _____, the Authorized signatory of _____ (mention name of the Applicant Entity and its complete address) do here by solemnly affirm and declare as under:-

1. That our Firm / Company i.e. _____ (mention name of the Applicant Entity) has applied in response to the invitation of EOI for Identification of potential bidders for setting up of Graphite purification demonstration/commercial plant in CIL identified area in India.
2. That our Firm / Company i.e. _____ (mention name of the Applicant Entity) is eligible to submit the aforesaid EOI as it not is under liquidation, court receivership or similar proceedings.
3. That all the information, documents and declarations submitted in/with our EOI are correct to the best of our knowledge and understanding.
4. That if any information, document or declaration submitted in/with our EOI, is found to be incorrect at a later date, we indemnify CIL against any loss due to this and CIL may take any action as deemed fit.
5. We hereby declare the following:
 - a) We have not been Banned/Blacklisted as on date of submission of bid by any of the Central or State Governments in India / Government Department in India / Indian PSU / autonomous organizations in India / multilateral donor institutions.
 - b) We have not employed any public servant dismissed/removed or person convicted for an offence involving corruption or abetment of such offences.
 - c) Our Director(s)/Owner(s)/Proprietor/Partner(s) have not been convicted by any court of law for offences involving corrupt and fraudulent practices including moral turpitude in relation to business dealings with Government of India or CIL or CIL's subsidiaries during the last five (5) years.
6. We further declare as under:
That if any information / data furnished by us is found to be incorrect or false or misleading at any point of time, it would render us liable to be debarred from any subsequent tendering / taking up of work in CIL, and CIL shall have the full right to take any action as per applicable laws.

Signed for and on behalf of



Request for EOI: **Identification of potential bidders for setting up of Graphite purification demonstarnation/commercial plant in CIL identified area in India**

(Sign. & Seal of Authorized Signatory)

Date:

Place:



Request for EOI: **Identification of potential bidders for setting up of Graphite purification demonstартion/commercial plant in CIL identified area in India**

Annexure-3: Details of Applicant's experience

(On Applicant's letterhead)

Details of the EPC or technology provider for each / both works by the Applicant:

Sl. No.	Project name	Capacity	Location of installation	Client / Customer Name and Address	Date of award	Date of commissioning	Current status of project (e.g. under construction, successful operation)	Applicant's Scope of work in the project (e.g. EPC, Licensors, O&M, others)
1								
2								
3								
	Add rows for more no. of projects							
Total Capacity								

(Sign. & Seal of Authorized Signatory)

Place:

Date:



Request for EOI: Identification of potential bidders for setting up of Graphite purification demonstarnation/commercial plant in CIL identified area in India

Annexure-4: Financial information of the Applicant

(On Applicant's letterhead)

Financial Year	Annual Turnover (INR Crore)	Net Worth (INR Crore)

(Sign. & Seal of Authorized Signatory)

Place:

Date:



Request for EOI: **Identification of potential bidders for setting up of Graphite purification demonstarnation/commercial plant in CIL identified area in India**

Annexure 5- Recommendation on Basic Plant Parameters

1. CIL intends to set up a purification plant in India, considering graphite purification is still not being done domestically. Before setting up a commercial scale natural graphite purification plant, CIL intends to establish a demonstration plant to check the feasibility of purifying Indian graphite concentrate with available technology.
2. With above intention, CIL is considering Graphite purification licensors and service providers around the world for the purpose of this EOI to set up a Demonstration/commercial graphite purification plant in India in CIL identified area.
3. The bidders are requested to fill up details/recommendation based on their experience and analysis. The recommendation would be analyzed and subsequently, an RFP/RFQ would be formulated for purpose of selection of suitable partners for setting up the coated spherical purified graphite plant.

	Parameters for the plant	CIL Proposed	Bidders Preference/Recommendation /Remarks
1	Model	EPC-cum-Technology Licensor-cum-O&M mode	
2	Capacity of the plant		
i.	For Batch processing		
ii.	For continuous processing		
3	Plant Concentrate feed	Either through sourcing within India or from CIL's graphite project as available	
i.	Throughput		
ii.	Grade	~95% (target grade)	
iii.	Type of Impurities		Max desirous- SiO ₂ (%), Al ₂ O ₃ (%), Fe ₂ O ₃ (%), CaO (%), MgO (%), Other trace elements



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iv	Moisture		
iv.	% Grade variation handling capability		
v.	Flake Size distribution		Desirous:
4	Plant Output		
i.	Grade	>99.95%	
ii.	Yield		
iii.	Recovery		
iv.	Flake Size distribution		
5	CSPG Technology	If the purification technology provider covers these steps as well	
i.	Micronization		
ii.	Spheronisation		
iii.	Purification technology		
iv.	Coating technology		
6	Size of land needed		
7	Electricity requirement		
8	Water requirement		
9	Estimated time needed for EPC and Commissioning		
Please add rows for any other relevant/important information to be conveyed by the bidder or needed from CIL			
10	.		
11	.		

4. Bidder may also inform any other additional the basic /technical information that they might require prior submission of proposal at the time of selection process with rationale.