
EXPRESSION OF INTEREST
FOR
APPOINTMENT OF MINE DEVELOPER AND OPERATOR (MDO) FOR
DEVELOPMENT AND OPERATION OF BRAHMAGIRI MINE,
AT PURI DISTRICT, ODISHA

EOI No: IREL/CO/PT/EOI/17/2023



IREL (India) Limited
(A Govt. of India Undertaking – Dept. of Atomic Energy)

Plot No. 1207, Veer Savarkar Marg, Near Siddhi Vinayak Temple,
Prabhadevi, Mumbai- 400028
Website: <http://irel.co.in>

Contents

1.	Disclaimer	3
2.	Bid Data Sheet	4
3.	Bidding Schedule.....	4
4.	Definitions	5
5.	Introduction and Background.....	6
6.	Objective of IREL	6
7.	Scope of Work	7
7.1.	Broad Scope of the Work for the MDO	7
8.	Route for Participation	7
9.	Instructions to Bidders.....	8
9.1.	Content of the Proposal.....	8
9.2.	Governing law.....	8
9.3.	Acknowledgement	8
9.4.	Other Conditions.....	8
9.5.	Pre-Bid Meeting	8
10.	Bid Forms & Annexures.....	9
10.1	Format for Cover Letter	9
10.2	Details of the Bidder/Consortium of Bidders	11
10.3	List of Similar Works.....	13
10.4	Suggestion / Modification in the Scope of Work	14
11.	Instructions for Online Bid Submission.....	15

1. Disclaimer

- 1.1. This Expression of Interest (EOI) Document is neither an agreement nor an offer by the IREL (India) Limited to the prospective Bidders or any other person. The purpose of this EOI Document is to provide interested parties with information that may be useful to them in making their Proposal pursuant to this EOI Document. This EOI Document includes statements which reflect various assumptions and assessments arrived at by IREL (India) Limited in relation to its Beach Sand Mineral Project in Brahmagiri tahasil, Puri District, Odisha. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This EOI may not be appropriate for all persons, and it is not possible for IREL (India) Limited, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this EOI Document. The assumptions, assessments, statements and information contained in the EOI Document may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this EOI Document and obtain independent advice from appropriate sources.
- 1.2. Information provided in this EOI Document to the Bidder(s) has been collated from several sources and may not be complete in all respect. IREL (India) Limited, its employees or advisors accept no responsibility for the accuracy or otherwise for any statement contained in this EOI Document.
- 1.3. IREL (India) Limited may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this EOI Document.
- 1.4. The issue of this EOI Document does not imply that the IREL (India) Limited is bound to select a Bidder or to appoint the Bidder as Successful Bidder for the Beach Sand Mineral Project.

2. Bid Data Sheet

Sl. No.	Particulars	Information
1.	Name of Work	EOI for appointment of Mine Developer and Operator (MDO) for Development and Operation of Brahmagiri mine, Construction and Operation of WUP for Mineral sands at Brahmagiri Tahasil, Puri District, Odisha
2.	Eoi Reference Number	IREL/CO/PT/EOI/17/2023
3.	Tye of bidding	Public tender
4.	Tender Publishing date	12.07.2023
5.	Pre bid meeting date & time	The pre-bid meeting shall be held at 14:30 Hrs on 20.07.2023 through video conference via link shared by IREL prior to pre-bid meeting https://meet.google.com/cjb-ffbs-erh
6.	Eoi submission start date	26.07.2023, 17.00 Hrs
7.	Last date and time of submission of Eoi	08.08.2023, 15.00 Hrs
8.	Eoi opening date & time	09.08.2023, 16.00 Hrs
9.	Tender Fee and Earnest Money Deposit	Not Applicable
10.	Validity of Proposal	Proposal submitted by the Bidder against this EOI Document should be valid for a period of at least 180 (One Hundred and Eighty) days from the Bid Due Date.
11.	Contact Person and Address of IREL for Communication	DGM-T & I/c Purchase IREL (India) Limited Plot No. 1207, V.S.Marg, ECIL Building, Opp. Siddhi Vinayak Temple, Prabhadevi, Mumbai-400 028 Email: purchase-ho@irel.co.in , kvramakrishna@irel.co.in Phone 022- 24211630 (Ext. No. 214) 022-24242200

Eoi, Corrigendum/Addendum if any, will be posted on the website: <https://etenders.gov.in/eprocure/app>. Tenderers are advised to complete all submission related work well before the time and date for submission of tender online. Any request for modification in the time/date of submission of tender due to tenderer's failure to submit his offer, will not be accepted.

3. Bidding Schedule

IREL shall endeavour to adhere to the schedule provided for under this clause. However, in case IREL in its sole discretion undertakes any modification in the schedule specified below, the same shall be notified from time to time on the tendering/IREL website. Hence, bidders are requested to periodically visit tendering/IREL website for any notification.

4. Definitions

- 4.1.1. **Mineral sands** or **Total Heavy Mineral** shall have its meaning as defined in sub-rule (1) of rule 2 of Atomic Minerals Concession Rules, 2016.
- 4.1.2. **Mine Lease** or **Mining Lease** means the mining lease in connection with the Heavy Mineral deposit located in Brahmagiri tahasil of Puri District, Odisha. LOI for the lease has been issued by the Govt of Odisha to IREL. The agreement is to be executed between IREL and the Government of Odisha in accordance with the Mines and Minerals (Development and Regulation) Act, 1957, Atomic Minerals Concession Rules, 2016 and shall include any lease renewals/ extensions thereof.
- 4.1.3. **Mine** shall refer to the mine corresponding to Brahmagiri Mine Lease.
- 4.1.4. **Mineral Sand** shall mean the raw sand available in the Lease Area comprising of Beach Sand Minerals.
- 4.1.5. **MDO** shall mean Mine Developer and Operator.
- 4.1.6. **R & R** shall mean Resettlement and Rehabilitation.
- 4.1.7. **HM** shall mean Heavy mineral.

5. Introduction and Background

IREL (India) Limited (IREL), a Mini-Ratna Category-I company, is a Public Sector Enterprise of the Government of India under the administrative control of the Department of Atomic Energy, Govt of India. The company is engaged in mining and separation of Mineral sands to produce Ilmenite, Rutile, Zircon, Sillimanite, Monazite, Garnet, Leucosene, Rare earth compounds etc. The operating units of the company are located at Chavara, Kerala; Manavalakurichi, Tamil Nadu; Chatrapur, Odisha and Aluva, Kerala.

6. Objective of IREL

The Government of Odisha has issued a Letter of Intent to IREL for grant of mining lease for Mineral Sands in favour of IREL in Brahmagiri tahasil of Puri District, Odisha. The Mine Lease extends along the coastline of Bay of Bengal containing an assemblage of heavy minerals viz. Ilmenite, Rutile, Zircon, Monazite, Garnet & Sillimanite.

IREL plans to setup and operate a complex for Mineral Sands processing for the corresponding mine. The complex would involve facilities for mining of Mineral Sands from the lease area, upgradation of the Mineral Sand and then separation of constituent minerals.

The Mineral Sands shall be excavated through suitable methods of mining. Such mined Mineral Sand shall be pumped into processing units ("**Wet Upgradation Plant**" or "**WUP**"), where it shall be upgraded for Beach Sand Minerals i.e., unwanted gangue (quartz) shall be removed by gravity separation via equipment like spiral banks, trommel screen, teeter bed separator etc. Such operation in the WUP is referred as "Wet Upgradation". Accordingly, the upgraded output from WUPs shall be referred to as "**HM Concentrate**" and the quartz rich rejects shall be referred to as "**Tailings**". This is followed by separation of constituent minerals in the HM Concentrate in a mineral separation plant. The HM Concentrate may also undergo several intermediate upgradation plants prior to mineral separation.

Now, IREL intends to appoint a Mine Developer and Operator (MDO) for mining of Mineral Sand and its upgradation in WUP. The MDO shall undertake all required works for setting up the facilities for such operations, and then subsequently operate it. This shall include including preparation of Mining plan, facilitate IREL in getting all statutory clearances, permits & approvals, facilitation in land acquisition or consent from landowners for a short period for surface operation, deployment of equipment & machinery, erection and commissioning of WUPs and other infrastructures, operation & maintenance of the deployed equipment, machinery & plants, delivery of HM Concentrate to IREL at designated delivery point and any other related activities.

In this regard, IREL invites Expression of Interest from experienced and resourceful MDOs to harness the Brahmagiri deposit.

The brief description of the project is mentioned below:

S.N.	Particulars	Description
1	Name of the mine	Brahmagiri Beach Sand Mineral mine
2	Total Lease area	1487.746 Ha
3	Location	Brahmagiri tahasil of Puri District, Odisha
4	Coordinates	Latitude: 19° 45' 00.00", Longitude: 85° 40' 46.78"

S.N.	Particulars	Description
5	Planned capacity of mine(Tentative)	75,00,000 tonnes of Mineral Sand to be excavated annually

7. Scope of Work

7.1. Broad Scope of the Work for the MDO

The MDO provider is expected to perform the following scope of activities for this project:

1. To prepare Mining Plan and undertake all activities for obtaining approval on it, on behalf of IREL.
2. To procure all approvals, clearances, permits and licences for development and operation of the facility throughout the tenure of the services
3. To assist IREL in obtaining consent from the occupier of the surface of the land over which the lease has been granted. Such consent shall be obtained for a short duration of time for undertaking operations over that surface as per the provisions of Atomic Minerals Concession Rules,2016.
4. To assist IREL in acquisition of land and undertake all R&R related activities in relation to it, if required for any activity necessary for the operations.
5. To construct and commission the Wet Upgradation Plant.
6. To deploy the equipment and machinery as per the approved Mining Plan, excavate the Mineral Sand from the lease area and delivering it to the Wet Upgradation Plant.
7. To operate and maintain the Wet Upgradation Plant to upgrade the excavated Mineral Sand for the Heavy Mineral content in it.
8. To backfill the tailings discharged from the Wet Upgradation Plant into the mined-out area of the mine lease.
9. To deploy all manpower and workmen for the operations in accordance with the applicable laws.
10. To arrange for supply of all utilities including water, power and fuel at its own cost for operation.
11. To ensure compliance of applicable laws during development, construction and operational works for this project.

A detailed scope of the work will be provided in the RFP stage.

8. Route for Participation

- (a) The Bidders may participate as a sole bidder (single entity)
- (b) The Bidders may also constitute a consortium for participation.

8.1 During evaluation of EoI application, Bidders will be asked to present a detail about their organization, capability and resources etc. to execute the instant project

9. Instructions to Bidders

Interested bidders can download the EOI Document for free of cost from the following website <https://etenders.gov.in/eprocure.app> and <http://irel.co.in>.

9.1. Content of the Proposal

The Proposal submitted by the bidders shall comprise of the following:

- a) Covering letter in the format specified in Section 10.1.
- b) Details of the Bidder in the form enclosed in Section 10.2
- c) List of Similar Works Undertaken in the form enclosed in Section 10.3
- d) Suggestion/ Modifications in the Scope of Work in the form specified in Section 10.4

9.2. Governing law

The EOI process shall be governed by, and construed in accordance with, the laws of India.

9.3. Acknowledgement

The receipt of this EOI document may kindly be acknowledged and IREL requests you to kindly inform whether you will be submitting a proposal or not.

9.4. Other Conditions

- (a) IREL reserves the right to withdraw this EOI without notifying the reason.
- (b) The Bidder shall be solely responsible and shall pay for all of the costs associated with the preparation of its EOI proposal and its participation in the Bidding Process.
- (c) IREL shall not be responsible in any way for such costs, regardless of the conduct or outcome of the Bidding Process.
- (d) Subsequent to Eoi evaluation and based on the inputs received from capable parties, detailed scope of work and RFP will be finalized and the same will be floated at a later stage for participation by bidders to execute the aforesaid work.

9.5. Pre-Bid Meeting

- a) A pre-bid meeting through VC would be held at time and an address specified in the schedule.
- b) During the course of pre-bid meeting, the Bidders will be free to seek clarifications and make suggestions for consideration of IREL. IREL shall endeavor to provide clarifications and such further information as it may, in its sole discretion, considered appropriate for facilitating a fair, transparent and competitive Bidding Process.
- c) Clarifications/responses shall be shared by uploading such responses online only at **CPP portal** if required in the form of an addendum and or corrigendum.
- d) Non-attendance at the pre-bid conference shall not be a cause for disqualification of a Bidder. However, terms and conditions of the Addendum(s) shall be legally binding on all the Bidders irrespective of their attendance at the Pre-Bid Conference.

10. Bid Forms & Annexures

10.1 Format for Cover Letter

(On letter head of the Bidding Company/Lead Member of Bidding Consortium)

From:

Bidder's Name and Address:

Sub: Proposal letter for participation in EOI for Appointment of Mine Developer and Operator (MDO) for Development and Operation of Brahmagiri mine, Construction and Operation of WUP for Mineral sands upgradation at Brahmagiri Tahasil, Puri District, Odisha

EOI Ref. No. and Date:

Dear Sir/ Madam,

With reference to your EOI Document dated [date], I/we, having examined the EOI Document and understood their contents, we would like to express our interest to carry out the activities for the said Project and are hereby submitting our Proposal. Pursuant to the same, we would like to acknowledge the following:

- a) I/We are participating as a single Bidder/ Consortium. (strike out whichever is not applicable)
- b) The proposal is unconditional.
- c) I/We have reviewed the terms and conditions of the EOI Document and hereby unconditionally and irrevocably accept, agree, and acknowledge the terms thereof.
- d) I/We acknowledge that the IREL will be relying on the information provided in the proposal and the documents accompanying the proposal for identification of the technology and subsequent selection of the technology provider through an separate bidding process and we certify that all information provided therein is true and correct to the best of our knowledge; nothing has been omitted which renders such information misleading; and all documents accompanying the proposal are true copies of their respective originals.
- e) This statement is made to express the purpose of our participation in the EOI process and provide necessary information for the EOI process.
- f) I/We/Our members/partners hereby acknowledge that if we submit or produce any document and it is discovered subsequently that such document was false or incorrect then we shall be liable under applicable law for the time being in force.
- g) I/We shall make available to the IREL any additional information it may find necessary or required to supplement/authenticate the proposal submitted.
- h) I/We have submitted only one bid/proposal for the Beach Sand Mineral Project in accordance with the EOI Document.

In witness thereof, we submit this proposal letter forming part of our proposal under and in accordance with the terms of the EOI Document.

Yours faithfully,

Signature, name, designation, and seal of the authorized signatory

Date:

Place:

Enclosed:

[list and description of documents enclosed]

10.2 Details of the Bidder/Consortium of Bidders

General Details				
S No.	Parameters	Provided Yes/No	Details	Supporting Documents
1.	Name of the Bidder and name of constituting entities in case of a consortium. (Whether firm/ private or public limited company/ others) In case of consortium,tentative role of each party to be provided.			Not Required
2	Full postal address of the bidder/consortium of bidders along-with telephone no/email-id			Certificate of Incorporation or GST Registration certificate or any other certificate
3	Lines of business activities (Mineral Processing, Manufacturing, EPC,Trading and Others)			Not Required
4	The name, designation, telephone no. and fax no. of the Authorized Signatory for this EOI Proposal			Power of Attorney Document
5	Any other general details which the bidder would like to provide			Not Required
Financial Details				
1.	Networth of the bidder (Net worth means paid up share capital of the company plus free reserves minus accumulated losses and balance in miscellaneous expenditure) of last five years (Financial Year/Calender Year) (in INR)		FY18/CY17 FY19/CY18 FY20/CY19 FY21/CY20 FY22/CY21	Statutory Auditor Certificate or Audited Financial Statement
2.	Annual Turnover (in INR)		FY18/CY17 FY19/CY18 FY20/CY19	Statutory Auditor Certificate or Audited Financial Statement

General Details				
S No.	Parameters	Provided Yes/No	Details	Supporting Documents
			<i>FY21/CY20</i> <i>FY22/CY21</i>	
3.	Net Profit (in INR)		<i>FY18/CY17</i> <i>FY19/CY18</i> <i>FY20/CY19</i> <i>FY21/CY20</i> <i>FY22/CY21</i>	Statutory Auditor Certificate or Audited Financial Statement

Note:

- I. In case of foreign currency, the equivalent INR value be estimated based on the exchange rates as on the date of issuance of NIT, published by the Reserve Bank of India by itself or via any other agency authorised by RBI to publish the exchange rates.

Signature of the authorized official of the
Bidder/Consortium of Bidders
(Name and Designation)

Date:

Office Seal

10.3 List of Similar Works

S. No.	Name of Assignment of Similar Nature	Name of Employer for which the work was undertaken	Description of the works undertaken	Project value of the work undertaken	Supporting Documents [Work Order or Contract Agreement along with Completion Certificate]
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

Note:

I. The following works shall be considered as works of “**Similar Nature**”:

- (a) Works involving development and operation of a mine; OR
- (b) Works involving construction, commissioning of a mineral beneficiation plant; OR
- (c) Works involving operation of a mineral beneficiation plant

Yours faithfully,

Name:

Designation:

Signature & Company's Round Seal

NOTE:

10.4 Suggestion / Modification in the Scope of Work

S. No.	Existing Provision	Suggested modification	Rationale for modification
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

GENERAL INSTRUCTIONS TO BIDDERS W.R.T PARTICIPATION IN

THE E-TENDERING EVENT

11. Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at <https://etenders.gov.in/eprocure/app>.

REGISTRATION

- 1) Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidders are requested to note that they should necessarily submit their financial bid in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 4) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 5) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

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- 6) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
 - 7) Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
 - 8) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

Contact person of Tendering Authority IREL (INDIA) LIMITED, Corporate Office, Mumbai

N A M E	email-id	Mobile No./Landline No.
Shri K V Ramakrishna GM – T (CP)	purchase-ho@irel.co.in, kvramakrishna@irel.co.in	+91 8763345230
Shri Simanchal Acharjya DGM –T & I/c Purchase		+91 8104997180

NB:

- Bidders may please note that they are required to upload all the documents as called for in the tender document.