

DREDGING CORPORATION OF INDIA LIMITED

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Expression of Interest (EOI)

for

3D Profile Mapping/Visualization and Simulation of data and to get the physical details of components being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings and specifications

Ref:- DCI/MAT/3D scanning/2025-26/EOI/01 Date:- 02.02.2026

Invitation of Expression of Interest (EOI)

Dredging Corporation of India
Ltd.Visakhapatnam
Tel: 0891-2871291

Expression of Interest (EOI) for 3D Profile Mapping/Visualization
and Simulation of data and to get the physical details of
components being scanned for manufacturing purpose for the
suggested list of items and submit the detailed drawings and
specifications

EoI reference no.: **DCI/MAT/3D scanning/2025-26/EOI/01**

Dredging Corporation of India Ltd. invites Expression of Interests (EOIs) from prospective bidders ('Bidders') for **3D Profile Mapping/Visualization and Simulation of data and to get the physical details of components being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings and specifications**. The Successful Bidder will carry out the scope of work in accordance with the specifications provided in a detailed Request for Proposal (RFP) document which shall be brought out by the Purchaser, subsequently.

Interested Bidders are requested to submit their proposals along with the necessary documents as indicated in the EOI document. This document can be downloaded from <https://dredge-india.com/> as well as the CPP portal <http://cpp.gov.in> from 02-02-2026 by 15:00 hrs onwards.

The Expression of Interest shall be submitted on or before 03/03/2026 by 15:00 hrs only on the e-procure portal i.e. <http://cpp.gov.in>

HOD(Materials)
DCIL, Visakhapatnam

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Abbreviations& Definitions:

Unless the context otherwise requires, the following terms whenever used in this EoI,RFP and contract will have the following meanings:

Abbreviations

S. No	Abbreviations	Full Form
1	API	Application Programming Interface
2	CA	Chartered Accountant
3	EMD	Earnest Money Deposit
4	EoI	Expression of Interest
5	FY	Financial Year
6	IA	Implementing Agency
7	INR	Indian National Rupees
8	NO	Nodal Officer
9	PAN	Permanent Account Number
10	PSU	Public Sector Undertaking
11	RFP	Request for Proposal

Definitions:

S. No	Acronym	Definitions
1.	Authority	HOD(Materials), Dredging Corporation of India Ltd.
2.	Authorized Representative	This means any person authorized by either of the Parties i.e. Bidder and Purchaser.
3.	Bidder/ Applicant	An individual/company that submits an EoI, while competing with others, for providing services with respect to specific requirements as defined in this EoI Document.
4.	Central/ State Government Organization	Centre or State Government, Centre/State run PSUs, Statutory bodies or co-operative societies.
5.	Day	Any day including Saturday or Sunday or a public Holiday
6.	Designated Authority/ Technical Evaluation Committee	Departmental Official/ Committee who will approve all the deliverables submitted by the bidder as per the criteria defined in the EoI document.
7.	EoI (Expression of Interest)	This means this complete document and its annexure and any other documents provided to assess potential bidders/ agencies who can help Purchaser with the ability, skill and knowledge in respect to the 3D Profile Mapping/Visualization/scanning and Simulation of data and to get the physical details of components being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings and specifications
8.	Parties	This means Purchaser and Bidder, collectively
9.	Party	This means Purchaser or Bidder individually
10.	Purchaser	Dredging Corporation of India Ltd., Visakhapatnam
11.	Successful Project	Project for which work order and completion certificate of the work is available with the bidder
12.	Week	Designated time frame consisting of all seven days including any Public Holiday, Saturday and Sunday.

2. Disclaimer

This Expression of Interest (EoI) contains brief information about the Project and will assist Purchaser to formulate the RFP for **3D Profile Mapping/Visualization/scanning and Simulation of data and to get the physical details of components being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings and specifications**. This EoI is not an agreement or an offer by the Purchaser to the Applicants/ bidders or any other person.

This EOI is part of the process of finalizing the technical specifications for **3D Profile Mapping/Visualisation/scanning and Simulation of data and to get the physical details of components being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings and specifications**. The purpose of the document is to provide the Applicants/ Bidders with information to assist them in formulation of their EoI application or response to EoI Document (“the Application”). Upon freezing the technical specifications in accordance with the requirements of DCIL, an open tender will be floated in two-bid system

The information provided in this EoI Document, to the Applicants is on a wide range of matters, some of which depends upon interpretation of law. The Applicants may conduct their own independent assessment, site visit, investigations and analysis and check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their EoI application.

Purchaser or any of its employees or advisors / representatives shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the EoI Document. Purchaser reserves the right to change any or all conditions/ information set in this EoI Document by way of revision, deletion, updating or annulment through issuance of appropriate addendum as the Purchaser may deem fit without assigning any reason thereof.

Purchaser will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the EoI applications to be submitted in terms of this EoI Document.

The information contained in this EoI Document or subsequently provided to the prospective Applicants/ Bidders, whether verbally or in documentary or any other form by or on behalf of Purchaser or any of its employees or advisers, shall be considered confidential and is not to be reproduced/ adopted/ displayed for any purpose whatsoever.

This EoI Document is for informative purpose only and does not imply that Purchaser is bound to select or short list pre-qualified applications for the RFP stage or to appoint the Applicant/ Bidder for the Project as the case maybe and Purchaser further reserves its absolute right and discretion to terminate the process at any time without assigning any reasons or explanations thereof.

3. Document Control Sheet

Expected timelines are defined in the table below:

#	Particulars	Timeline
1.	EoI inviting Authority	Dredging Corporation of India Ltd.
2.	Document reference number	EoI/DCIL/3D Scanning/2025-26/1
3.	Name of the Work	Expression of Interest (EoI) for 3D Profile Mapping/Visualization/scanning and Simulation of data and to get the physical details of components being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings and specifications.
4.	Cost of EoI document and mode of payment	Nil
5.	Date & time for the start of sale of EoI document on the e-tendering portal https://cpp.gov.in/	02/02/2026 15:00 hrs onwards
6.	Last date and time for submission of EoI proposal on the e-tendering portal https://cpp.gov.in/	03/03/2026 15:30 hrs
7.	Date, Time and Venue for opening of bids and Presentation	03/03/2026 15:30 hrs Venue: Dredging Corporation of India Ltd., "Dredge House" H.B.Colony Main Road, MMTC Colony, Visakhapatnam – 530022, Andhra Pradesh, INDIA. Note: Bidders may also join the meeting through VC link.
8.	Website for EoI reference	https://dredge-india.com/ , and https://cpp.gov.in.
9.	Key Contact details/ Nodal Officer	Key Contact Persons – HOD(Materials) Shri.B Durga Prasad Babu Designation – HOD(Materials) Email Id – durgaprasad@dcil.co.in Contact no –08912871291
10	Release of corrigendum (if required) on the cpp portal tps://cpp.gov.in/	Any time before opening of the bids

4. Introduction

Background & Objective

The Dredging Corporation of India Limited (DCIL) was established in the year 1976 to provide dredging services to the major ports in India. DCI is a pioneer organization in the field of dredging and maritime development. DCI is fully equipped to offer the complete range of dredging and allied services to the users in India and Abroad and to provide the vital inputs for the national development.

Timelines for the project:

Agency shall be given a time of 6 months for **3D Profile Mapping/Visualization/scanning and Simulation of data and to get the physical details of components being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings and specifications.**

5. Instructions to the Bidders

Purchaser invites reputed firms to submit their applications for the Project in accordance with conditions and manner prescribed in this Expression of Interest (EoI) document.

Availing EoI Documents:

The EoI document can be downloaded from the website <https://dredge-india.com> & <https://cpp.gov.in>, up to the date and time mentioned in the Document Control Sheet of this document.

Completeness of the EoI Response:

Bidders are advised to study all instructions, forms, terms, requirements and other information in the EoI documents carefully. Submission of Interests shall be deemed to have been done after careful study and examination of the EoI document with full understanding of its implications. The response to this EoI should be full and complete in all respects. Failure to furnish all information required by the EoI document will be at that Applicant's/ Bidder's risk and may result in rejection of their Interests.

EoI Preparation:

The applicant/bidder is responsible for all costs incurred in connection with participation in this process. Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of EoI process

Clarification on the EoI Document:

The bidders requiring any clarification on the EoI document may send email to durgaprasad@dcil.co.in, bharathi@dcil.co.in visit the DCIL between 10 am to 5 pm during any working day or can have virtual meeting before the last day of submission of the bid.

Late Proposal for EoI:

EOI response not submitted on or before the last date and time mentioned in the document Control Sheet shall not be accepted.

Amendment of EOI Document:

At any time prior to the Application due date, Purchaser may, for any reason, whether at its own initiative or in response to clarifications requested by an Applicant, modify the EOI Document posted on the website: <https://cpp.gov.in>, <https://dredge-india.com>.

In order to provide the Applicants a reasonable time to examine the Addendum, or for any other reason, Purchaser may, at its own discretion, extend the Application Due Date.

6. Broad Scope of Work:

Firm/Agency shall depute their representative to the reference site & vessels which are deployed at various location (Haldia, Kolkata, Visakhapatnam, Kochi, Kandla & Mangalore) with all equipment required to execute the work in synchronization with DCIL. Usability, accuracy and necessary data correction shall be the responsibility of firm/agency. DCIL shall not be liable for any fault/deficiency in scanning equipment/executing person. Scanning Equipment/Executing Person competency shall be sole responsibility of firm/agency. All the cost incurred for the visit to Projects offices before submission of EOI will not be born by DCIL.

The following will be the scope of work:

a. 3D Scanning:

3D Scanning technology shall be used for obtaining accurate and objective method for digital documentation of the suggested component/assembly (refer Annexure - I below) under consideration. High quality equipment shall be used for Scanning Work - Details to be provided along with types of scanning done.

The system shall collect data at such a fine resolution that photographic quality images can be produced from the three-dimensional data collected to accuracy up to 30 microns.

The data may be captured at an adequate distance to allow an adequate quality of data resolution.

Firm/Agency shall have special arrangement for accessibility of the intricate area to have adequate quality of data resolution. Effect of surrounding vibrations & ambient temperature shall be taken care suitably for accurate scanning information that may be realized later in 3D Modelling & in manufacturing drawings. Effect of wear & tear, scaling, corrosion effect & damage, if any in the component shall be suitably accommodated/simulated in the final deliverables.

i. 3D visualization and simulation of data/3D Modelling/Printing:

The data generated from scanning work is to generate 3D visualization or simulation for further understanding, study and future manufacturing. Deliverables consists of:

ii. Data Cloud Strictly for the Component without noise/disturbance

b. Generation of 2D Editable manufacturing drawings:

Manufacturing drawings (.dwg format/ compatible with AutoCAD) to be generated from the best use of available digital information. Support during manufacturing for any data/geometric/dimensional interpretation is to be provided. Deputation, if required is to be made to DCIL works.

i. Digital Record & Data Integrity: -

Firm/Agency involved is to provide record of digital information in suitable format to DCIL for any future reference. Data/information collected is solely

for DCIL use and shall not be shared with any other party officially/unofficially in the interest of DCIL.

ii. Manpower / speed of response required: -

Firm should have team with sufficient skilled members who can be deployed PAN India within 24 hours from the intimation regarding deputation for services. The engineering / expert manpower on roll as on date may be furnished.

A. Description of the Work:

Dredging Corporation of India Limited is seeking for Expression of Interest (EoI) for **3D Profile Mapping / Visualization and Simulation of data and to get the physical details of the spares and equipment's being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings (Drawing should consist of dimensions and material to be used).**

B.OBJECTIVE: -

EOIs are being invited from all eligible and interested professional agencies for identifying suitable agencies for future requirements & long-term association, to finalize the engagement model and have an estimate of the cost involved.

LOCATIONS: -

Scanning work of spares is to be done onboard all dredgers deployed at Haldia, Kolkata, Visakhapatnam, Kochi, Kandla, Mangalore, etc and at godowns available at Visakhapatnam, Chennai, Kolkata.

EXPERIENCE CRITERIA: -

Only those agencies that meet the following criteria will be evaluated for further consideration:

1. Bidders should have experience of 3D scanning and reverse Engineering services, of Spares and equipment available onboard vessels deployed at various projects in India (presently available projects are Haldia, Kolkata, Kochi, Mangalore, Kandla) & Godowns (MNO, Chennai, Balmer Laurie, Kolkata and CSC Visakhapatnam).

2. The firm should have completed 3D scanning with 3D parametric models and 2D drawings for at least three (3) major components from suggested list as per Annexure-I). Vendor shall provide Certification of accuracy.
3. The company shall have proven track record in delivering the required service during last seven (7) years of operation. The chosen projects should exhibit the complete scope from scanning, data processing and report generation, which includes 3D visualization, 3D parametric models and 2D drawings (.dwg format/ compatible with AutoCAD).
4. Vendors shall have to submit the credentials for the work done at their own and not for the work done by subletting. Work shall be completed with their own resources.

C. Submission of EOI:

All interested parties are required to submit an Expression of Interest (“EOI”), which shall comprise of:

1. Registration details of the company/firm/party/organization (shall be registered in India).
2. Documents evidence for the Turnover for the last three financial years and Net worth details. The copies of Audited Accounts / Balance Sheet, Profit & Loss Account along with Income Tax Returns for the last three years shall be attached with the EOI
3. Other documents like PF registration & ESI registration, GST certificates, PAN, Income tax return certificates, etc.
4. Complete EOI document duly signed by the authorized signatory (along with addendum, corrigendum, etc.)
5. Applicant shall also submit its company profile and presentation with the EOI.
6. Bank Solvency details
7. Bidder should have minimum 3 years’ experience in the area of 3D Profile Mapping/Visualization and Simulation of data and to get the physical details of the spares and equipment’s being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings (Drawing should consist of dimensions and material to be used for manufacturing).
8. The bidder should not be blacklisted / debarred by any of the Government or Public Sector Units in India as on the date of submission of the tender.
9. Bidder/OEM should have experience of 3D Profile Mapping/ Visualization /scanning and Simulation of data and to get the physical details of the spares and equipment’s being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings and specifications (Drawing should consist of dimensions and material to be used).
10. Firm to submit credentials for completed work (Completion certificate from customer, similar other documents etc). Vendors shall have to submit the credentials for the work done at their own and not for the work done by subletting. Work shall be completed with their own resources.
11. Two (2) Performance feedback from the end user regarding installation of the component after manufacturing through the 3D scanning may be furnished along with the qualifying documents.

12. Details of 3D scanning- Scanning Tools/ IT Infrastructure/ Special Technology etc available at Indian offices i.e. Types, Models, its functions, role in reverse engineering, Quality etc.
13. Details of the engineering expert and manpower on roll.
14. Capability available for Metallography with types / options / out feasible etc. may be provided by vendor, if available, as an additional feature.
15. Company Broucher's to be enclosed.

All the above documents duly filled in, enclosing all necessary documents and signed & stamped by the authorized representative of the firm shall be uploaded in the procurement portal.

The EoI will be used for shortlisting the interested parties on the criteria specified, without conferring any right or expectation whatsoever.

7. Evaluation of EoI

Pre-Qualification Criteria

- i) DCI invites EOI from interested parties along with estimated price.
- ii) The EOI submitted by the Applicants shall be evaluated by the Evaluation Committee of DCI. The said Committee will examine the EOI proposals/ documents to determine whether they are complete, whether the documents have been properly signed, stamped and whether the EOI documents are generally in order.
- iii) After receipt and finalization of the evaluation of EOI, a limited tender in two bid system will be floated and finalise the tender.

Dredging Corporation of India Limited reserves, the right to withdraw from the process or any part thereof without assigning any reason whatsoever. No liability whatsoever shall be accruing to DCI in such event.

Other T & C:

- i) Either party shall be solely responsible for and ensure the payment of all taxes, levies, imposts, cess, duties and other forms of taxation, including goods and services tax, income tax, work contract tax, Labour welfare cess, octroi, entry tax, corporation profits tax, advance corporation tax, capital gains tax, residential and property tax, customs and other import and export duties, excise duties, stamp duty and any interest, surcharge, penalty or fine in connection therewith, imposed and/or levied in relation to the services provided under the Pre/ Post/ lease/charter Contract Agreement, which are payable by the Parties under Applicable Laws.
- ii) This Invitation along with its enclosures does not constitute any commitment on the part of DCI. Furthermore, this invitation confers neither any right nor expectations to any party to participate in the said process.
- iii) No oral modification or interpretation of any provisions of this EOI shall be valid. Written communication shall be issued by DCI in case of changes are made, clarifications or amendment to the EOI document as deemed necessary at its sole discretion online at websites <https://cpp.com> and www.dredge-india.com/tenders.html, This notice of EOI is being issued with no financial commitment and the DCI reserves the right to change or vary any part thereof at any stage.

iv) The interested Firm shall bear all costs associated with the preparation and submission of the EOI. DCI shall not, under any circumstances, be responsible or liable for any such costs, whether direct, incidental or consequential.

v) EOI applications/ bids shall be valid for a period of 90 days from the date of “opening of bids, same shall be extended suitably upon request if DCI.

Disqualification:

- i) DCI shall not consider for the purpose of qualification, an EOI, which is found to be incomplete in content and/ or attachments and/ or authentication, etc.
- ii) Without prejudice, a Firm may be disqualified and its EOI dropped from further consideration for, but not limited to, any of the reasons listed below:
 - a) Misrepresentation by the potential Firm; (or)
 - b) Failure by the Firm to provide necessary and sufficient information required to be Provided in the EOI; (or)
 - c) Firm convicted by a Court of law;
 - d) Firm against whom any adverse order has been passed by a regulatory authority that casts a doubt on the ability of the Firm to manage large works
 - e) Any suppression and non-disclosure of material facts by the Firm/ Party.

EXPRESSION LETTER

(To be forwarded on the letter head of the interested Firm submitting the EoI)

Reference No. _____

Date _____

To,

**HOD (Material)
Dredging Corporation of India Ltd
Dredge House, H.B.Colony Main Road,
Seethammadhara
Visakhapatnam-530022
Phone 0 891 – 2871282
Email: hodtech@dcil.co.in**

Sir,

Sub: Expression of Interest (EoI) for 3D Profile Mapping/Visualization/scanning and Simulation of data and to get the physical details of components being scanned for manufacturing purpose for the suggested list of items and submit the detailed drawings

- 1) This is with reference to the Notice Inviting EOI No. _____ dated _____ inviting Expression of Interest for _____. In this regard, we confirm that, we have read and understood the contents of the Invitation of Expression of Interest (Invitation) and are desirous to associate with DCI, and for this purpose:
- 2) We propose to submit our EoI in individual capacity as _____ (insert name)
- 3) We believe that our firm satisfies the eligibility criteria set out in the Invitation for EOI.
- 4) We certify that as regards matters other than security and integrity of the country, we have not been convicted by a Court of law or indicted or adverse orders passed by a regulatory authority which would cast a doubt on our ability to associate with DCI or which relates to a grave offence that outrages the moral sense of the community.
- 5) We further certify that in regard to matters relating to security and integrity of India and any other country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our sister concerns.
- 6) We further certify that no investigation by a regulatory authority is pending either against us or against our sister concerns or against our CEO or any of our directors/ managers/ employees.
- 7) We undertake that in case, due to any change in facts or circumstances during the pendency of the process, we are attracted by the provisions of disqualification in terms of the Invitation and/ or such other communication as may be addressed to us by DCI we would intimate DCI of the same forthwith.

Yours faithfully,

Authorized Signatory

For & on behalf of the Party.

Annexure& References

Annexure A - Formats for submission of Expression of Interest

Name of the Firm	
Registered office	
Postal address	
Tel./Fax/e-mail	
Type of Firm(Work area that the firm is involved in)	
Details of registration firm/company etc.	
Authorized Signatory Name: Designation: Qualification: With the company since: Line of experience/expertise:	
Copy of PAN should be submitted	
GST registration certificate should be submitted	

Signature of Authorized Representative*

(with seal)

Annexure B– Format for Declaration

On company Letter head

Date:

XX/X

X/XX

XX

To,

HOD(Material),
Dredging Corporation of India Ltd.
Dredge House, H.B.Colony
Seethamadhara,Visakhapatnam-530022.

Subject: Self-

Declaration

Dear Sir,

I/We hereby declare that as of date, (Name of the firm/company)

- a. Has not been ever under a declaration of ineligibility for corrupt or fraudulent practices and should not be blacklisted by any State Govt. / Central Govt. / Board, Corporations and Government Societies / PSU for any reason.
- b. Has not been ever insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by court or judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons.
- c. And their directors, partners and officers not have been convicted of any criminal offense related to their professional conduct or the making of false statements or misrepresentations as to their qualifications within a period of three years as on date of submission of bid or not have been otherwise disqualified pursuant to debarment proceedings in present firm or any of the sister concerns.

Sincerely Yours,

(Signature of Authorized
Signatory)
Name:
Title:

Annexure C– Bill Of Material

Annexure D– Rough Estimate for the project

Note:- Above annexure to be submit on the letter head.