



Oil and Natural Gas Corporation Ltd
Materials Management Intelligence & Design (MIND)
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5, Nelson Mandela Marg, Vasant Kunj,
New Delhi -110 070 Tel – (011)-26752010

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Dated: 10 July 2025

Expression of Interest (EOI) Notification

Hiring of non-intrusive technologies for Integrity/Health Assessment of non-piggable / difficult to pig Onshore and Offshore pipelines

1. Introduction:

Oil and Natural Gas Corporation Limited (ONGC)' Western offshore is operating more than 750 nos. of pipelines measuring about approx. 7500 km in length in size varying from 2" to 42" covering well fluid pipelines, water injection pipelines, gas Lift pipelines, collector pipelines between process platforms and trunk pipelines, passing through water depths varying from 20 meters to 80 meters in Offshore. The pipelines are normally API 5L grade. Similarly, ONGC is also operating more than 11000 segments of Oil & Gas, WI, WF and other pipeline network measuring more than cumulative 20,000 Kms in its 12 Onshore Assets across various parts of country.

ONGC intends to hire non-intrusive technologies for Integrity/Health Assessment of non-piggable / difficult to pig Onshore and Offshore pipelines.

ONGC hereby invites expressions of interest (EOI) from capable and experienced service providers for Integrity/Health Assessment of non-piggable / difficult to pig Onshore and Offshore pipelines using non-intrusive technologies

2. Objective

The primary objective of this Expression of Interest (EOI) is to identify and select economical viable contactless and non-intrusive technology. Thereafter engage with the prospective Service provider for availing these services for Integrity/Health Assessment of non-piggable / difficult to pig Onshore and Offshore pipelines. ONGC aims to implement the selected innovative technology to mitigate common pipeline problems such as corrosion detection, crack identification and overall integrity assessment for enhanced operational efficiency and environmental risk reduction.

3. Scope of Work

The identified technology provider(s) shall be required to undertake the following activities:

- Integrity assessment of pipelines using non-intrusive technologies for establishing the Fit-For-Purpose in accordance with API 579 or DNV RPF101.
- Fit-For-Purpose analysis based on integrity assessment is essential and mandatory requirement for continuous use of these pipelines.
- To conduct inspection job on round the clock basis, for pipelines as given below:
 - The scope of work shall include health assessment of pipelines to detect and quantify probability of defection (POD), probability of identification (POI) of metal defects (internal / external corrosion, mechanical defects, laminations, circumferential & axial cracks, stress corrosion cracks, girth & seam weld defects, loss of pipe wall thickness and other anomalies).
 - Site preparation, mobilization of manpower, tools, equipment and machinery to site as required to carry out the job.
 - The inspection survey will also include the reference points by Contractor at places of anomalies for further identification.
 - The integrity assessment shall be carried out in accordance with the prevalent global practices and applicable industry standards.

4. Submission Details

Interested parties/ Vendors are invited to submit their EOI proposals electronically (PDF format) within 21 calendar days from publication of this notification in Newspapers, encompassing following:

- **Executive Summary:** A concise overview of their Technological solution / proposal.
- **Detailed Proposal:** Comprehensive responses to the information requirements outlined in evaluation criteria listed below.
- **Supporting Documents:** Relevant cases, applications in oil & gas pipeline, certifications, and any other pertinent documentation.
- **Contact Information:** Interested parties / Vendors to submit their EOI, including any details / queries /clarification required on the objectives and scope of the work projected in the subject EOI to:

Head MIND, ONGC

Deendayal Urja Bhawan,
5, Nelson Mandela Marg, Vasant Kunj,
New Delhi -110 070 Tel – (011)-26752010, (011)-26754158
Email: sanghi_sanjiv@ongc.co.in , dhulap_mp@ongc.co.in

5. Evaluation Criteria

Interested parties/bidders shall be asked to present a proposal/submission before a committee. Submissions will be assessed based on:

- **Technical Competence:** Proven capability and completed jobs of Integrity/Health Assessment of Onshore and Offshore pipelines
- **Regulatory Acumen:** Understanding of and experience in HC industry particularly Oil & Gas Pipeline operations.

6. Confidentiality

All information received by ONGC as part of this EOI, will be ONGC's property and will be kept strictly confidential and utilized for its internal purposes only.

7. Disclaimer

ONGC reserves the right to alter the scope or terms as needed. This EOI is an exploratory exercise and does not constitute a commitment to award a contract.