



EXPRESSION OF INTEREST (EOI) for Hiring of Wax removal Tools and Associated Deployment Services in Mumbai High Wells

1. Introduction

Oil and Natural Gas Corporation Limited (ONGC) invites Expressions of Interest (EOI) from established manufacturers, technology providers, technology licensors, and specialized service providers possessing proven expertise in tubing paraffin/wax melting, removal and wellbore cleaning technologies for oil and gas wells.

Paraffin/wax deposition in production tubing, completion components and wellbore access paths can result in restriction of flow, obstruction of wellbore access and deterioration in well productivity.

ONGC is exploring the applicability of specialized downhole Paraffin Melting and Cleaning Tools capable of thermally and/or mechanically removing or mitigating paraffin/wax deposits and restoring wellbore access and flow conditions.

The proposed technology may comprise a downhole tool incorporating thermal, mechanical, or combined thermal-mechanical cleaning mechanisms, capable of being deployed through slickline, electric line or other suitable conveyance methods, depending upon the tool design and well conditions.

ONGC is presently considering evaluation of such technologies in selected Mumbai High wells having a history or indication of paraffin/wax-related production restriction and/or wellbore access issues.

The EOI is intended to assess available technologies, technology maturity, manufacturers/service providers, field experience, operating envelope and suitability of such technologies for potential deployment in Mumbai High wells.

2. Objective

ONGC seeks to identify technically capable and experienced technology/service providers and assess the suitability of their solutions for potential pilot deployment.

Respondents are requested to provide concise information covering:

- Technology type and operating principle;
- Tool configuration, operating envelope and deployment/conveyance method;
- Capability for thermal and/or mechanical wax removal and restoration of wellbore access;
- Compatibility with relevant tubing, completion and well conditions;



- Technology maturity and relevant field experience;
- Availability of tools and associated technical/service support;
- Rental/hiring model and indicative mobilization capability.

The information received will assist ONGC in assessing available technologies and, as appropriate, developing specifications and future procurement/pilot deployment requirements.

3. Key Information and Dates

EOI Reference No.	ONGC/Paraffin tool/EOI/2026/12
Issue Date	09/10/2026
Submission Due Date	29/10/2026
Submission Mode	Electronic Submission by Email
Contact Email(s)	sanghi_sanjiv@ongc.co.in , gupta_p1@ongc.co.in , mishra_sb@ongc.co.in
Contact Nos	011-2675 2035
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4. Indicative Technical Envelope and Nature of the Requirement

ONGC is presently considering a pilot involving approximately **08 well intervention jobs** in Mumbai High, subject to well/platform availability and intervention windows.

Indicative tubing configurations are:

- 2-7/8", 6.5 ppf, with minimum ID of approximately 2.3" at SCSSV; and
- 3-1/2", 9.3 ppf, with minimum ID of approximately 2.80" at SCSSV.

The proposed technology should preferably be suitable for rigless/low-intervention deployment, such as slickline or electric line, where technically feasible.

The technology should be capable of, as applicable:

- Downhole melting, cutting, dislodging or mechanical removal of paraffin/wax;
- Cleaning of production tubing and accessible wellbore restrictions;
- Restoring wellbore access to the required depth;
- Controlled operation under applicable downhole conditions; and
- Retrieval and reuse of the tool, where applicable.



The technology may use thermal heating, mechanical cutting/scraping/milling, thermal-mechanical cleaning or other proprietary wax-removal mechanisms.

Indicative post-job access requirement: Following the wax-removal operation, the tubing is envisaged to be cleared by well flow/gas injection and subsequently probed with a Gauge Cutter (GC). The indicative required hole clearance is:

- 3-1/2" tubing: 2.875" above SSSV and 2.75" below SSSV up to 400 m from tubing hanger.
- 2-7/8" tubing: 2.375" above SSSV and 2.25" below SSSV up to 400 m from tubing hanger.

5. Information Sought from Interested Parties

Interested entities must submit a comprehensive dossier detailing their technological credentials, proposed technology and service capability.

1. Business Scope Identification

Explicit statement confirming whether the vendor is:

- Manufacturer of Paraffin Melting/Cleaning Tools;
- Technology provider/licensor;
- Manufacturer-cum-service provider;
- Authorized supplier/service provider; or
- Other specialized downhole wellbore cleaning technology provider.

In case the respondent is not the original manufacturer/technology owner, details of the original manufacturer/technology owner and authorization arrangement shall be provided.

2. Company Profile & Service Facility

Detailed information regarding:

- Company profile;
- Manufacturing/service facility location;
- Service base location;
- Tool maintenance/redress facility;
- Field service capability;

3. Product / Technology Technical Dossier

Complete technical datasheet of the proposed Paraffin Melting and Cleaning solution, including, as applicable:

- Brief description of the proposed technology and operating principle;



- Tool model/configuration, size, dimensions and weight;
- Applicable tubing/wellbore ID, pressure, temperature, depth and deviation limits;
- Deployment/conveyance method and power/energy source;
- Activation, operation and retrieval methodology;
- Key wellbore/completion compatibility requirements and HSE considerations.

The supplier shall provide available qualification, laboratory and field-performance data supporting the claimed technical capabilities.

4. Track Record

Detailed track record, case studies and reference customer details demonstrating previous deployment of the proposed technology or equivalent technology in:

- Paraffin/wax removal or production tubing cleaning;
- Downhole thermal/mechanical cleaning;
- Well intervention or production restoration.

For each relevant case, provide operator/field, well/tubing configuration, deployment method, approximate depth, nature of wax/restriction and outcome, to the extent available.

5. Service Capability Confirmation

Confirm capability to provide the technology on rental/hiring basis, including:

- Availability of suitable tools for Mumbai High;
- Number/configuration of tools available;
- Earliest mobilization and indicative lead time;
- Availability of technical/service personnel;
- Spare/contingency tool availability, where applicable;
- Service base and offshore support capability;

6. Submission Guidelines

- **Language:** English
- **Submission Deadline:** 29.10.2026
- **Submission Format:** Electronic copies in PDF/PPT format to be submitted via email to: sanghi_sanjiv@ongc.co.in, gupta_p1@ongc.co.in, mishra_sb@ongc.co.in

7. Confidentiality



All information received by ONGC as part of this EOI shall become the property of ONGC and will be maintained in confidence and utilized solely for internal evaluation and assessment purposes.

8. Disclaimer

This EOI is solely for the purpose of market exploration. It does not constitute a commercial tender or RFP, nor does it commit ONGC to proceed with any procurement process.