Invitation for Expression of Interest (EOI)

Identification and Free Trial of Non-Chemical, Non-Thermal Flow Assurance Technologies in SRP Wells

Ref:AL/AMD/EOI/NON-CHEM-FLOW/2025
Date: 14/08/2025

1. Introduction

ONGC Ahmedabad Asset, the 2nd largest onshore oil producing asset, deploys Sucker Rod Pump (SRP) s as a prominent artificial lift mechanism across a wide range of producing oil wells. A recurrent challenge in these wells is the sucker rod stuck-up and periodic flow interruptions, predominantly due to waxy crude deposits from specific producing sands.

In some SRP completions, chemical injection through control lines is not feasible, rendering conventional wax inhibition techniques ineffective. As a result, the Asset frequently resorts to rig-based or rig-less interventions, leading to operational downtime.

To mitigate these issues, ONGC intends to identify and trial novel non-chemical, non-thermal technologies that can enhance flow assurance under field conditions.

2. Objective

The primary objectives of this EOI are:

- To identify non-chemical, non-thermal flow assurance technologies suitable for SRP-completed wells.
- To evaluate market interest and technical capabilities of vendors offering such technologies.
- To shortlist vendors for conducting a **free field trial** in selected high-viscosity, wax-prone wells of ONGC Ahmedabad Asset.

3. Scope of Work

Selected technology providers shall:

- Deploy tools or solutions that operate **without external heating or chemical injection**.
- Demonstrate prior performance in similar environments (waxy crude, high viscosity).
- Be willing to undertake **free trials** in SRP wells identified by ONGC.
- Collect, monitor, and report technical performance parameters during and after the trial period.

4. Minimum Technical Requirements

Participating vendors must meet the following criteria:

- Technology should be **non-chemical** and **non-thermal** in nature.
- Prior successful field deployment in similar conditions is preferred.
- Detailed methodology for performance monitoring must be provided.
- Commitment to conduct **free trial** in nominated well.

5. Submission Details

Interested vendors are invited to submit their proposal in PDF format within **21 calendar days** from the date of EOI publication in newspapers/ONGC website. Proposals must include:

- Executive Summary.
- Detailed Technical Proposal and methodology.
- Case studies, performance reports from past deployments.
- Certifications (if applicable).
- Client references.
- Details of company profile and relevant experience.
- Limitations or boundary conditions of the technology, if any.

6. Contact for Submission and Queries

All submissions and related queries may be directed to:

Artificial Lift Section

1st Floor, Avani Bhavan, ONGC Ahmedabad Asset,

Chandkheda, Gujarat, PIN- 380005
Email: AL_AMD@ONGC.CO.IN

7. Evaluation Criteria

The proposals will be assessed based on:

- Technical soundness and innovation.
- Proven past performance.
- Capability for performance measurement and reporting.
- Willingness and preparedness for free trial execution.

ONGC may request shortlisted vendors to deliver a technical presentation at a later date.

8. Disclaimer

This EOI is intended for **market exploration** and does not constitute a commitment to award any contract. ONGC reserves the right to modify or cancel this EOI process at any stage without assigning any reason and without incurring any liability.