EXPRESSION OF INTEREST (EOI)

Identification and Free Trial (No Cure No Pay Basis) of Plasma Pulse Technology (PPT) in Flowing & Non-Flowing Wells of Ahmedabad Asset

Ref:SST/AMD/EOI/PPT/2025
Date:

1. Introduction

ONGC Ahmedabad Asset has significant untapped potential in low permeable reservoirs, with nearly 55% of its reserves in this category. Currently, Hydraulic Fracturing (HF) is the most widely adopted stimulation technique, with ~200 HF jobs executed annually. However, alongside current conventional methodology of HF, it is also felt to examine alternate technologies available in the market for Well-Stimulation.

Simultaneous application of both alternate and conventional technologies may result in faster liquidation of non-flowing (NF) Wells and unlock the potential of low permeable reservoirs.

In view of the above, ONGC Ahmedabad Asset proposes to evaluate / examine alternate stimulation technology. Plasma Pulse Technology (PPT), is identified as a promising solution, which will be tried out to reduce NF inventory and enhance recovery.

2. Objectives

- Identify availability of PPT service providers for flowing & non-flowing wells.
- Assess vendor capabilities and willingness to undertake free trials (*no cure, no pay* basis).
- Shortlist suitable service providers for technology demonstration.

3. Scope of Work

Selected service providers shall:

- Conduct PPT trials in wells nominated by ONGC.
- Select suitable candidate wells after reviewing data, logs, and well information.
- Mobilize all required tools and equipment for PPT treatment.
- ONGC will hand over wells post-preparation (workover/wireline).
- Monitor and report performance metrics during and after the trial.

4. Minimum Technical Requirements

Vendors must:

- Provide evidence of prior field deployment/case studies.
- Submit methodology for performance monitoring.

- Commit to free trials on *no cure, no pay* basis.

5. Submission Details

Interested vendors should submit proposals (PDF format) **within 21 days of EOI publication** including:

- Executive Summary.
- Technical Proposal & Methodology.
- Relevant case studies and references.
- Certifications (if applicable).
- Company profile & experience.
- Limitations/boundary conditions of the technology, if any.

6. Contact for Submission & Queries

All submissions and related queries may be directed to:

Sub-Surface Team

4th Floor, Avani Bhavan, ONGC Ahmedabad Asset,

Chandkheda, Gujarat, PIN- 380005
Email: sst_ahmedabad@ongc.co.in

7. Evaluation Criteria

Proposals will be assessed on:

- Technical soundness & innovation.
- Proven performance in similar environments.
- Capability to measure/report outcomes.
- Readiness to execute free trials.

Shortlisted vendors may be invited for technical presentations.

8. Disclaimer

This EOI is for market exploration only and does not constitute a contractual commitment. ONGC reserves the right to modify or cancel the process without assigning any reason.