

EXPRESSION OF INTEREST (EOI)

FOR

Technologies to prevent wax / asphaltene deposition inside production tubing in self-flow and / or artificial lift production wells in OIL's oilfields in India.

EOI No.: EOI/FIELDS/SD/09/2026

DESCRIPTION:

Technologies to prevent wax / asphaltene deposition inside production tubing in self-flow and / or artificial lift production wells in OIL's oilfields in India.

1.0 PREAMBLE:

OIL INDIA LIMITED (OIL), a Government of India Enterprise under the Ministry of Petroleum and Natural Gas, is a premier upstream Maharatna E&P Company engaged in the business of Exploration, Production & Transportation of Crude Oil & Natural Gas as well as production of LPG. Its Field Headquarters (FHQ) is at Duliajan, Dibrugarh district, Assam (INDIA) and Corporate Office is in Noida, UP (INDIA). OIL's operations are largely based in the North-Eastern parts of India particularly in Assam, Arunachal Pradesh, and Tripura. Additionally, OIL operates in Rajasthan, Andhra Pradesh, Andaman and Kerala-Konkan and also has overseas presence.

2.0 OBJECTIVE:

In the present era of rapid technological advancements, it is envisaged that innovative and economically viable technologies may have been developed to mitigate or prevent the deposition of wax, asphaltenes, and other organic solids within the production tubing of crude oil producing wells. Such technologies are expected to have the potential to address flow assurance challenges more effectively and thereby reduce the frequency of production interruptions caused by deposit accumulation.

The adoption of suitable preventive or mitigation technologies could either eliminate, defer, or significantly reduce the requirement for conventional remedial measures such as mechanical scraping using Slickline Winches and thermal dewaxing operations using Coiled Tubing Units (CTU) and Hot Oil Pumping Units (HOPU). Apart from improving production continuity, these technologies may also contribute to enhanced well productivity, reduced operational expenditure, lower intervention frequency, improved equipment life, and better overall asset performance.

Accordingly, the need is felt to identify, evaluate, and assess emerging technologies and best industry practices that can economically prevent or minimize wax, asphaltene and other organic deposition in production tubing while ensuring sustained crude oil production and improved flow assurance.

The indicative details of the well completion and rheological properties of the well fluids are as under:

GENERAL INFORMATION

Casing size	5.1/2" OD X 17 -23 ppf
Tubing size	2 7/8" OD EUE N80/L80/P110 X 6.5 ppf
Well type	Vertical/Horizontal/S-bend/J-bend
Well Depth	3000-4700 m
Oil Gravity	15-40 degree API
Gas Gravity	Around 0.65
Water cut	0-90%
Water Salinity	2500-4500 ppm
Paraffin content	10-25%
Asphaltenes	5-20%
Pour Point	24-39 degree Celsius
Wax Appearing temperature	27-42 degree Celsius

This EOI is floated with an intention to invite participation from the prospective vendors and thereby to submit their bids for technologies to prevent wax / asphaltene deposition inside production tubing in self-flow and / or artificial lift production wells in OIL's oilfields in India.

3.0 DELIVERABLES:

The interested bidders may be required to give a presentation to OIL on a later date after submission of EOIs on the possibility of rendering the services of "Technologies to prevent wax / asphaltene deposition inside production tubing in self-flow and / or artificial lift production wells in OIL's oilfields in India" to be hired or procured through an open tender in the future.

4.0 EVALUATION CRITERIA:

The proposals received through this Expression of Interest (EOI) shall be evaluated based on the following criteria for OIL's future open tender for hiring or procuring

Technologies to prevent wax / asphaltene deposition inside production tubing in self-flow and / or artificial lift production wells:

- i. Technical details with solution & feasibility of implementation to eliminate/ prevent wax / asphaltene deposition inside production tubing in self-flow and / or artificial lift wells. This may include information on the technology available with them, safety means to be followed during the execution, preparatory jobs needed to be carried out for execution of the service in any well, limitation (if any) in the available technology.
- ii. Proven experience and track record of the bidder in executing similar projects.
- iii. Cost-effectiveness and value for investment.
- iv. Compliance with safety, environmental, and regulatory requirements.

5.0 SUBMISSION OF EXPRESSION OF INTEREST:

Interested parties are requested to submit their EOIs in electronic format to Pronob_sarma@oilindia.in, abhijitgogoi@oilindia.in or hard copy may be submitted to the following address no later than **15.10.2026**:

GM-PSS (HoD)
OIL INDIA LIMITED
P.O. DULIAJAN-786602
DIST. DIBRUGARH, ASSAM, INDIA

The EOI shall include the following information:

- i. Company profile, including relevant experience in similar projects.
- ii. List of similar jobs of flow assurance studies and successful implementation in vertical flow regime of Crude oil producing wells in the past 07 years.
- iii. List and specification of the technology / technologies.
- iv. Tentative Scope of Work, Terms of Reference and necessary specification with proposed methodology.

Note: Based on the inputs received from the prospective bidders, a Scope of Work will be prepared and forwarded to the parties for obtaining Budgetary Quotation for OIL's future open tender, if any.

7.0 GENERAL NOTES:

- a) All documents/brochures submitted along with the EOI shall be self-certified and clear & legible.
- b) The EOI is liable to be ignored in case of submission of any misleading/false representation.
- c) OIL reserves the right to ignore any or all EOI bids, without assigning any reason thereof.

8.0 CONFIDENTIALITY:

All information provided during the EOI process will be treated as confidential and used solely for the purpose of evaluating submissions and thereby enabling OIL to

prepare a final Scope of Work / Schedule of Rate for OIL's upcoming open tender if any for "Technologies to prevent wax / asphaltene deposition inside production tubing in self-flow and / or artificial lift production wells in OIL's oilfields in India".

Please note that this invitation does not constitute a commitment to award the project or provide any form of reimbursement for costs incurred during the preparation of the EOI.

Should you have any questions or require further clarification, please do not hesitate to contact us at pronob_sarma@oilindia.in / abhijitgogoi@oilindia.in. We look forward to receiving your Expression of Interest and exploring the potential of working together on this important project.
