

**EXPRESSION OF INTEREST (EOI)**  
**FOR**  
**“SINGLE STRING MULTI-ZONE COMPLETION SOLUTION**  
**FOR 02 (Two) WELLS IN UPPER ASSAM FIELD”.**

**EOI No.: EOI/OGPS/WC&I/002/2023**

**DESCRIPTION: Expression of interest (EOI) for Designing & Installation of multizone completion string in 02 (two) nos. of Hydrocarbon producing wells of OIL for a period of 03 (Three) months.**

**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. It's Field Headquarters (FHQ) is at Duliajan, Dibrugarh, 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, Nagaland, Mizoram and Tripura. Additionally, OIL operates in Rajasthan, Andhra Pradesh, Andaman and Kerala-Kankan and also has overseas presence.

OIL is committed in adopting the latest technologies and best practices to enhance hydrocarbon recovery, optimize reservoir performance, and ensure sustainable energy production. In line with this, Oil India Limited (OIL) invites EOI from prospective in-country vendors with expertise in downhole completion and a proven track record, to propose their solutions for Designing & Installation of multizone completion string in 02 (two) nos. of Hydrocarbon producing wells of OIL.

**2.0 OBJECTIVE:**

The project in question entails the deployment of a Single String Multi-Zone Completion system, for two candidate wells(one gas well & one oil well). Well Completion Design of the two wells should allow simultaneous testing of five or more different zones. Additionally, the system should have the capability to selectively or comingling production of oil or gas from a single/multiple zone(s) as and when required with minimal downhole intervention such as through slickline/CTU operation. Well details are mentioned in point no. 3.0.

Oil India Limited is enthusiastic about this endeavor and looks forward to engage industry-leading experts who can contribute their expertise to this ambitious project. We encourage all interested parties to participate in this Expression of Interest and contribute to the advancement of our goals in the Oil & Gas sector.

After the contract is awarded through open tender, the contractor's brief scope will be as follows:-

1. Data collection
2. Detailed well study & Report submission
3. Project execution
4. Post completion evaluation

### 3.0 WELL DETAILS:

- a. **Depth:** 3500 m - 4000 m
- b. **Reservoir:** Sandstone reservoir
- c. **Minimum gap between pay zones :** 3 m to 4 m
- d. **Compatibility:** Should be compatible with the existing surface completion/well head assembly.
- e. **Production casing size:** 5.5" x 20 PPF N80
- f. **Drift ID:** Drift ID across all sections of the completion string should be preferably equal to the drift ID of the 2-7/8" x 6.5/6.4 PPF EUE/P110 production tubing i.e., 2.347".
- g. **Well Barrier Elements:** Robust Well Barrier Elements such as packers along with other downhole equipment valves should be considered in the design to ensure reliable zonal isolation, minimizing communication between different zones.
- h. **Selective Production mechanism:** The solution should offer a user-friendly mechanism(s) for selective production from a single zone or comingling the production from different zones as and when required thereby providing the necessary flexibility to optimize production rates.
- i. **Workover operations for re-entry:** All downhole completion components should API certified, have a differential pressure rating of 10,000 psi and should be suitable for gaseous environment. The multizone completion string should be easily retrievable during workover operations through straight pick up and release procedure.
- j. **Comingled Flow from perforated zones:** -The multizone testing design should be allow comingled production from the perforated zones as and when required with a minimal downhole intervention such as SSD operation only.

### 4.0 SELECTION CRITERIA:

The proposals received through this Expression of Interest will be evaluated based on the following criteria:

- i. Technical details with solution & feasibility of implementation.
- 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 **dilipgoswami@oilindia.in**, **parag baishya@oilindia.in**, **sunny sekhar@oilindia.in** or hard copy may be submitted to the following address no later than **16.10.2023 (14:00 hrs):**

**CGM-OGPS (HoD)**  
**OILINDIA LIMITED**  
**P.O. DULIAJAN-786602**  
**DIST. DIBRUGARH, ASSAM, INDIA**

The EOI should include the following information:

- i. Company profile, including relevant experience in similar projects.
- ii. Technical feasibility and innovation of the solution.
- iii. Proven experience and track record of the bidder in executing similar projects.
- iv. Outline of proposed methodology and approach.
- v. Tentative Scope of Work with proposed methodology.
- vi. Budgetary estimate.

## **6.0 EVALUATION AND SELECTION:**

All submitted EOIs will be evaluated based on selection criteria, as mentioned in point no. 4. Shortlisted bidders may be invited for further discussions or presentations to clarify their proposals. OIL reserves the right to (a) accept or reject any/all EOI(s) submitted by parties and (b) cancel the process at any time without any liability and assigning any reason thereof.

## **7.0 TIMELINE AND DELIVERABLES:**

The mobilization period of the Bidder's (Contractor) equipment & manpower under the hired services shall be completed within 120 (days) from the date of Letter of Award for contract through open tender.

The duration of the proposed contract will be for 90 (ninety) days. The Bidder should maintain their base office for operation & maintenance from in and around Duliajan, Assam.

## **8.0 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 EOIs, without assigning any reason thereof.

**9.0 CONFIDENTIALITY:**

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

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 [contact email address]. We look forward to receiving your Expression of Interest and exploring the potential of working together on this important project.

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