

EXPRESSION OF INTEREST (EOI)
FOR
ENGINEERING, PROCUREMENT, AND CONSTRUCTION OF A LIQUID NITROGEN
PLANT WITH PURITY NOT LESS THAN 99.99% OF CAPACITY 30,000 LITRES
PER DAY IN AND AROUND DULIAJAN, ASSAM, INDIA

EOI No.: EOI/PSS/LN2/008/2025

DESCRIPTION:

Engineering, Procurement, and Construction (EPC) of a Liquid Nitrogen Plant with purity not less than 99.99% of Capacity 30,000 Liters per day in and around Duliajan, Assam, 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-Kankan and also has overseas presence.

2.0 OBJECTIVE:

The operations of Oil India Limited are largely based in the North-Eastern parts of India particularly in Assam & Arunachal Pradesh. As most of the present operational fields are matured, hence, majority of the wells require assistance for flowing to the surface right after drilling or during normal flow cycle of the well for activation. Well activation is mainly carried out through a combination of Coiled Tubing Unit (CTU) and Nitrogen Pumping Unit (NPU) or simply through Nitrogen Pumping Unit. Liquid Nitrogen is pumped directly through the annular space between Production Tubing and Production Casing or through CTU. Thus, Liquid Nitrogen is a regular consumable with an average consumption rate of around 15000 litres/day throughout the fields with a possibility to increase considering the increasing number of drilling and workover jobs. Currently, OIL manages the Liquid Nitrogen through suppliers/service providers. In numerous occasions, due to failure of the supply chain, jobs get hampered due to non-availability which also leads to idling of the rigs.

In order to reduce the dependency on the service providers for supply of Liquid Nitrogen, OIL has planned for setting up a Liquid Nitrogen Plant of capacity 30,000 Litres per day with purity not less than 99.99%. OIL intends to set up the plant in and around Duliajan for supply of Liquid Nitrogen to the respective well sites under

Drilling and Workover Rigs. The land for the proposed Plant shall be provided by Oil India Limited.

This EOI is floated with an intention to invite participation from the prospective vendors and thereby to submit their bids for Engineering, Procurement, and Construction (EPC) of a Liquid Nitrogen Plant with purity not less than 99.99% of Capacity 30,000 liters per day in and around Duliajan, Assam.

3.0 DELIVERABLES:

The bidder may be required to give a presentation to OIL on a later date after submission of EOIs on the possibility of Engineering, Procurement, and Construction of a Liquid Nitrogen Plant with purity not less than 99.99% of Capacity 30,000 liters per day in and around Duliajan, Assam.

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 Engineering, Procurement, and Construction of a Liquid Nitrogen Plant with purity not less than 99.99% of Capacity 30,000 liters per day in and around Duliajan, Assam:

- i. Proven experience in cryogenic plant construction or similar industrial gas plants in the last 10 years.
- ii. Adequate technical manpower, equipment, and financial capability.
- iii. Relevant certifications.
- iv. Compliance with safety, environmental, and regulatory requirements.

5.0 SCOPE OF WORK

The scope of work shall include, but not limited to:

- i. Design & Engineering of the liquid nitrogen production system.
- ii. Supply of all plant equipment
- iii. Construction, Installation & Commissioning of the plant, including civil, mechanical, and electrical works.
- iv. Capacity: 30,000 Litres/day
- v. Purity: Not less than 99.99%

6.0 SUBMISSION OF EXPRESSION OF INTEREST:

Interested parties are requested to submit their EOIs in electronic format to nazirahmed@oilindia.in, abhijitgogoi@oilindia.in or hard copy may be submitted to the following address no later than **27.08.2025**:

CGM-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 EPC jobs in the past 10 years.
- iii. Technical capability statement.
- 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.

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 for "Engineering, Procurement, and Construction of a Liquid Nitrogen Plant with purity not less than 99.99% of Capacity 30,000 liters per day in and around Duliajan, Assam".

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 nazirahmed@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.
