

## **EXPRESSION OF INTEREST (EOI)**

### **FOR**

**HIRING OF 01 SET OF WELL SERVICING PACKAGE COMPRISING OF CTU WITH 1.75" & 1.5" OD CT, NPU & FPU (15 K PSI) & RELATED ACCESSORIES FOR OIL'S OPERATIONAL AREAS IN ENTIRE NORTHEASTERN INDIA FOR A PERIOD OF 04 YEARS.**

**EOI No.: EOI/PSS/WSP/001/2025**

**DESCRIPTION: Expression of Interest (EOI) for "Hiring of 01 set of well servicing package comprising of CTU with 1.75" & 1.5" OD CT, NPU & FPU (15 k psi) & related accessories for OIL's operational areas in entire Northeastern India for a period of 04 years".**

#### **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.

#### **2.0 OBJECTIVE:**

Hiring services of 01 set of Well Servicing Package comprising of CTU (1.75" CT of length 7000 m) & (1.5" CTU of Length 5500 m), NPU and FPU (15K psi) with heating facility and related accessories and manpower for operation in OIL's Operational Areas in entire Northeastern India for a period of 4 years. As the service for 1.75 inch is new to OIL, the tentative Specification of Coiled tubing unit, Nitrogen Pumping unit & Fluid pumping unit with heating facility is provided.

#### **3.0 DELIVERABLES:**

The bidder will be required to give a presentation on a later date after submission of EOIs and possibility of supplying unit having capability to provide intervention services either with 1.75" CT & 1.5" CT mounted on the same trailer.

#### **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 [pronob\\_sarma@oilindia.in](mailto:pronob_sarma@oilindia.in), [udai\\_dutta@oilindia.in](mailto:udai_dutta@oilindia.in) or hard copy may be submitted to the following address no later than **13.05.2025:**

**CGM-PSS (HoD)**  
**OIL INDIA 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 and necessary specification with proposed methodology.

**Note:** Based on the necessary inputs from the prospective bidders, a final Scope of Work will be prepared and forwarded to the parties for BQ.

#### **6.0 TIMELINE AND DELIVERABLES:**

The mobilization period of the contractor's men and equipment under the hired services shall be completed within 150 (days) from the date of Letter of Award for contract through open tender.

The duration of the proposed contract will be for 04 years. The contractor should maintain their base office for operation & maintenance from in and around Duliajan, Assam.

#### **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 EOIs, 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.

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](mailto:pronob_sarma@oilindia.in) / [udai\\_dutta@oilindia.in](mailto:udai_dutta@oilindia.in). We look forward to receiving your Expression of Interest and exploring the potential of working together on this important project.

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**TENTATIVE SPECIFICATION FOR COILED TUBING UNIT, NITROGEN PUMPING UNIT AND FLUID PUMPING UNIT WITH HEATING FACILITY.**

**VINTAGE/RESIDUAL LIFE OF ALL UNITS ALONG WITH THE MAJOR COMPONENTS:**

All the offered units i.e., coiled tubing unit, nitrogen pumping unit and fluid pumping unit with heating system shall have minimum 05 years of residual life reckoned from the original BCD.

**COILED TUBING UNIT SPECIFICATION:**

The Coiled Tubing Unit (CTU) shall be designed such that the equipment shall have:

- (a) 1.75 inch OD Tubing configuration and
- (b) 1.5 inch OD Tubing configuration

And as per technical specifications detailed in this document.

The CTU equipment shall be mounted on the Trailer such that either 1.5 inch Tubing configuration or 1.75 inch Tubing configuration shall be fitted on the unit during road movement (i.e. mobilization and de-mobilization) of the unit from the equipment yard to the site, etc.

As per requirement of well servicing job, the changeover Tubing kit (CT reel / Tubing Reel Assembly) shall be transported on separate transport vehicle and assembled on the CTU at the site.

	The bidder should supply suitable continuous tubing made out of high strength alloy steel of Standard CT 900 as per API 5ST Specification.
	<b>COILED TUBING SPECIFICATION: 1.75" OD</b>
	The bidder shall supply suitable continuous tubing made out of high strength alloy steel of Standard CT 900 as per API 5ST Specification.
	<b>Outer Diameter : 1.75"</b>
	<b>Wall Thickness : Minimum 0.109" Wall thickness</b>
	<b>Length of the continuous pipe : 7000 m</b>

	<b>COILED TUBING SPECIFICATION: 1.5" OD</b>
<b>Outer Diameter</b>	<b>: 1.5"</b>
<b>Wall Thickness</b>	<b>: Minimum 0.109" Wall thickness</b>
<b>Length of the continuous pipe</b>	<b>: 5500 m</b>
	<b>TUBING REEL ASSEMBLY:</b>
	The spool shall be of Drop-In-Drum design or similar Technology to convert the reel from 1.5" CT to 1.75" CT or vice versa. The spool shall be able to store tubing when not attached to the drive stand of Tubing Reel Assembly and shall be able to be placed on the ground, with tubing installed, without damaging the flanges.
	The Replacement CT Reel/ Tubing Reel Assembly shall be fitted with all internal plumbing to connect directly with Tubing Reel assembly Drive stand of CTU.
	All accessories/changeover kit shall be provided along with a 1.75" CT as a replacement of 1.5" CT Reel fitted on Coiled Tubing Unit. The Replacement CT Reel/ Tubing Reel Assembly will be transported on low bed trailer and assembled on the CTU on field site
	Lift system spreader bar arrangement for lifting loaded Drop-In-Drum/replaceable drum assembly with coiled tubing or entire tubing reel assembly including drive stand shall be provided. Suitable spreader bar with the lifting tackles to be provided.
	<b>TUBING INJECTOR, BOP, STUFFING BOX AND HOSE REEL ASSEMBLY:</b>
	Tubing injector, BOP and Hose Reel Assembly are to be mounted on a steel sub frame and properly positioned and mounted on the trailer chassis. The relative position of the equipment on the sub frame shall be suitably designed to have sufficient access for movement of crew to carry out maintenance job.
	<b>TUBING INJECTOR:</b>
	The tubing injector should be suitable for 1.75" OD Coiled tubing and be driven by hydraulic motor with 80,000 lbs continuous pull capacity.
	Easily replaceable chain assembly to adapt gripper block for CT size ranging from 1.25"-1.75" OD. There shall be provision of quick removal of plunger / insert from the gripper block assembly.
	All accessories/changeover kit required for the Injector and Gooseneck, measuring head assembly etc shall be provided so that the CTU can be operated either with 1.5" CT Reel or 1.75" CT reel.

	<b>STUFFING BOX:</b>
	A hydraulically actuated side loading stripper/packer/double door stripper of WP 15000 psi shall be fitted with the injector.
	There should be a provision for tandem stripper for any well intervention operation with WHP 3500 psi and above.
	All accessories/changeover kit required for the Stuffing Box shall be provided so that the CTU can be operated either with 1.5" CT Reel or 1.75" CT reel.
	<b>RISER/ CTU LUBRICATOR:</b>
	The Contractor shall arrange for suitable number of risers/lubricators for a minimum of length of 30 feet of appropriate sizes & pressure rating for carrying out different CT operation. The Contractor shall note the different specifications of the downhole tools while selecting the risers. The riser/lubricator section joints shall have the standard quick union connection of OTIS/BOWEN/TOT or Flanged connections or equivalent types.
	<b>BOP:</b>
	Hydraulically operated 3-1/16" or 4-1/16" bore X 15,000 PSI (API 6A) flange ended BOP having quad ram provision suitable for 1.5" OD Coiled Tubing with provision of changing to 1.75" Coiled Tubing, having Quadra rams' provision for: <ul style="list-style-type: none"> <li>i. Pipe ram</li> <li>ii. Slip ram</li> <li>iii. Shear ram</li> <li>iv. Blind ram</li> </ul>
	Quad BOP shall be dressed for 1.50" OD CT and One set of Conversion Kit for 1.75" CT shall be supplied to use with 1.75" CT.

**NITROGEN PUMPING UNIT SPECIFICATION:**

	<b>Nitrogen Pumping Unit</b>
	Nitrogen pumping Unit (NPU) mounted on an Oil field truck/skid/trailer capable of pumping and vaporizing 180000 SCFH or more and pressure upto 10,000 psi. The contractor shall be responsible for the supply of liquid nitrogen to carry out NPU operation at well site. The contractor shall ensure availability of liquid nitrogen (at any point of time) throughout the period of the contract.
	ENGINE: Contractor shall provide engine(s) with BHP as per design load.
	<b>LIQUID NITROGEN:</b>

	Contractor shall arrange necessary and sufficient storage and transportation facility of liquid Nitrogen for any kind of well intervention operation.
	Contractor shall arrange continuous supply of Liquid Nitrogen at well sites during well intervention jobs.
	<b>LIQUID NITROGEN TRANSPORTER TANK (INTEGRAL/ OR AS SEPARATE UNIT)</b>
	The Contractor shall provide 01 (one) no. of liquid nitrogen transporter tank. The unit should be placed in a suitable truck fit for Indian road condition with following specifications: <b>Net Capacity: 2,000 US gallon</b>

**FLUID PUMPING UNIT SPECIFICATION:**

	<b>Fluid Pumping Unit with heating facility</b>
	Multi-Purpose Pumping Unit with maximum discharge pressure of 15000 psi. HP of the pump shall not be less than 950 HP. The unit shall have maximum working temperature of 100 deg C with Blender/Batch Mixture unit with a fluid capacity tank (Minimum capacity 4 KL) and necessary piping, fittings & tools. The pump shall be suitable to handle fluid viz. Crude oil, HSD, water, saline water, mineral oils, high viscous fluids etc.
	The Thermal capacity of the heating facility/burner system of the unit should be minimum 8 million BTU/HR.
	Engine: The Contractor shall provide engine(s) with BHP as per the design load suitable for operation enumerated above under clause 2.0 and should adhere to applicable emission norms as per Govt. of India guidelines. Exhaust system should be installed as per standard OEM design and material conforming to the emission norms and safety requirements, through proper design of exhaust system or suitable incorporation of spark arresters. Exhaust system of the vehicle should be made spark free, to meet the norms for operation in oilfield area. The engine should be provided with adequate safety system like emergency kill / rig saver.