

**OIL INDIA LIMITED**  
**DULIAJAN**

**EXPRESSION OF INTEREST**  
**(EOI) NO. EOI/PSS/C/002/2020-21 dated 17.02.2021**

**Subject: Expression of Interest (EOI) for “Engagement of services of Hydraulic Workover/ snubbing unit for workover/ well intervention operations and liquidation of sick wells in Assets.”**

**1.0 PREAMBLE:**

OIL INDIA LIMITED (OIL), a Government of India Enterprise under the Ministry of Petroleum and Natural Gas, is a premier up-stream Oil Company engaged in the business of Exploration, Production & Transportation of Crude Oil & Natural Gas as well as production of LPG, having its Headquarter at Duliajan, Assam in India. Its operations are largely based in the north-eastern parts of India particularly in Assam and Arunachal Pradesh, but have also extended its activities in different parts of India and abroad. In connection with its ongoing exploration & production activities in the State of Assam, OIL invites Expression of Interest (EOI) from reputed and established E&P Service Providers/Vendors/Contractors as mentioned below for **Providing Hydraulic Workover/ Snubbing unit services for workover/ well intervention operations.**

**2.0 OBJECTIVE:**

- OIL intends to hire Snubbing Unit Services to carry out Workover Operations in some of its sick wells and recover their locked up crude oil production potential. OIL is looking for globally reputed E&P Service Providers/ Vendors/ Contractors having technical expertise & experience in carrying out workover operations using hydraulic snubbing unit. The vendor should have a sound financial capability and resources/inventories' etc. to execute and complete the workover operations within the specified time frame.
- Duration: 12 - 15 months
- Service provider's capabilities: Interested Service Provider/ Vendor/ Contractor shall demonstrate their capabilities of providing such services of carrying out workover operations using hydraulic snubbing unit(s).
- To understand the prospective service provider's experience, technical knowhow and financial capability.
- To have inputs from the prospective service providers to formulate a successful business model for both the parties.

The EOI is expected to provide information of prospective service providers and their suggestions thereby assisting in formulation of terms and conditions of any formal tender that may be floated for **Providing Hydraulic Workover/ Snubbing unit services for workover/ well intervention operations**

### **3.0 SCOPE OF WORK:**

OIL intends to carry out a Workover Campaign using the services of Hydraulic Snubbing unit in around 12 to 15 nos. of onshore wells, which warrants for complicated / critical nature of workover operations predominantly involving the following factors outlined below: -

- Severe down hole complications requiring wide-ranging fishing/milling jobs etc.
- Height restriction/ limitations imposed by Indian Air Force (IAF) for Exploring hydrocarbon and Servicing of wells near Air Force Station(s). Interested party shall indicate the total height of the proposed hydraulic snubbing unit.
- Highly depleted reservoir condition leading to challenges in recovering production from the wells post workover.
- Surface challenges in terms of space constraints and logistically difficult approachability of wells for conventional workover outfits to be mobilised/ spotted.

The interested Service Provider(s)/ Vendor(s)/ Contractor(s) should be able to successfully carry out workover operations in those complicated wells using Hydraulic snubbing unit and recover their locked up crude oil production potential with their expertise within a least possible time independently. The scope of work/services includes, but not limited to the following:

#### **i. Study Phase (1 month): -**

- Survey each well physically so as to get an idea about the space availability for workover operation vis-a-vis the footprint of hydraulic snubbing unit.
- Examine the surface fittings, downhole tubulars, and completion equipment installed in the wells including inherent complication details, if any, so as to understand them and to design a specific inventory list of equipment required for carrying out workover operation in these wells.
- Design a stepwise well specific workover program keeping in view the reservoir health, along with a tentative timeline/ Gantt chart for completion of the workover job and the estimated production recovery from the well.
- The report on the Study phase shall be submitted to OIL for approval.
- Post approval of the study report, the Service Provider shall have to mobilise all tools/ tackles/ supporting equipment for execution of operation.

#### **ii. Workover operation with hydraulic snubbing unit: -**

##### **A. Workover in wells (Shut in condition with High to moderate FBHP):-**

- Mobilise the hydraulic snubbing unit from the point of origin / Contractor's base to OIL's designated location/ well within the specified time.

- Mobilise to the unit along with Manpower/ Equipment/ Tools etc. well site and Rig up at well site upon OIL's instruction.
- Carry out the workover job irrespective of down hole complications as per the workover program and complete the well within the estimated time frame.
- All completion equipment to be installed in the well should be vetted by OIL as per OIL's standardization policy of well head equipment and fittings.
- ILM to the next location as per OIL's instruction.

**B. Workover in wells (Flowing or Shut in condition with Low BHP):-**

- Some of the wells (either in flowing or shut-in condition) which have an extremely low BHP/Pool pressure should be intervened without resorting to the use of kill fluids or lost circulation material or in other words without killing the well.
- While carrying out workover operations, killing such wells should be strictly avoided except emergent circumstances owing to the possibility that revival of the same may not be possible due to their low BHP once they are killed /subdued.

**C. Workover in live/flowing wells: -**

- Among the wells in which OIL desires to carry out workover job with hydraulic snubbing unit, some wells are in live/ flowing condition with a FTHP ranging from 200 psi to 6000 psi.
- The snubbing unit deployed by the service provider/Service Providers/Vendors/Contractors should have the sufficient snub force to intervene these wells in live condition or without resorting to the application of kill fluids or lost circulation material or in other words without killing the well.
- While carrying out workover operations, killing such wells should be strictly avoided except emergent circumstances owing to the possibility that revival of the same is/ are difficult and may not be possible once they are killed /subdued.

**iii. Manpower/ Equipment/Tools & Tackles: -**

- All necessary Manpower including expert(s) /Snubbing unit/ Tools & Tackles/ Supporting Equipment like pumper unit, generators, cementing unit etc. and logistics like crane/ trailers/ etc. services required for the workover operation(s) in accordance to the workover program should be provided by the service provider/ Vendor/Contractor.
- In-case the completion equipment is supplied by the service provider/ Vendor/Contractor, the same are to be vetted by OIL as per OIL's standardization policy of well head equipment and fittings

**iv. Knowledge transfer: -**

The service provider / Vendor/ Contractor shall implement a knowledge transfer process set forth in their Agreement to ensure that the service provider / Vendor/Contractor share their knowledge/skill of Operation &

Maintenance of Hydraulic Snubbing Unit to carry out Workover Operations, to a minimum of 07 nos. of OIL employees/ executives at no additional cost. The service provider / Vendor/ Contractor shall also agree to provide the OIL employees/executives sufficient amount of hands-on training in Snubbing operations during their course of workover operations in the subject wells/ association with OIL.

**4.0 SAFETY AND OTHER COMPLIANCES:**

The Technology Provider/ Service Provider/ Contractor/ Vendor is expected to have established health, safety, security and environment management system and shall have to comply with the applicable and prevailing provisions of The Mines Act, 1952, OMR 2017, OISD (Oil Industry Safety Directorate) guidelines, Labour laws/ rules & Amendments, MoE&F (Ministry of Environment and Forest) directives of India and any other applicable statutory regulations as per the law of the land.

**5.0** Technology Provider/ Service Provider/ Contractor/ Vendor may be Indian Company/ Indian joint venture Company with Technical Collaboration/ Joint Venture partner.

**6.0** Technology Provider/ Service Provider/ Contractor/ Vendor may be Consortium of Companies.

**7.0** Technology Provider/ Service Provider/ Contractor/ Vendor may be a Subsidiary Company of a Parent Company (in which the parent company has 100% stake).

**8.0** The Technology Provider/ Service Provider/ Contractor/ Vendor may demonstrate their experience and capability against this EOI.

**9.0** Technology Provider/ Service Provider/ Contractor/ Vendor/ Company may provide the following Information:

- Details of Technology Provider/ Service Provider/ Contractor/ Vendor's Company Incorporation along with Date and Place of Incorporation.
- Number of employees in the Company.
- Countries of operations (number and provide list of countries) including India.
- Details of R&D/ Technology centers set up globally and in India.
- Contact Details

Name of concerned person	
Designation	
Telephone number	
Mobile number	
Fax number	
Address	
e-mail	

## 10.0 GENERAL NOTES:

- (i) All documents submitted along with the EOI should be clear & legible.
- (ii) The EOI is liable to be ignored in case of submission of any misleading / false representation by the Technology Provider/Service Provider/ Contractor/ Vendor/ Company.
- (iii) OIL INDIA LIMITED reserves the right to ignore any or all EOIs and also to curtail/ enhance the scope of work stated above, if required, without assigning any reason thereof.
- (iv) This EOI is non-binding in nature and submission of information should not be considered as shortlisting / selection for company in any subsequent RFP/ Tender/ Bid process that may be undertaken in future.
- (v) OIL reserves the right to terminate the EOI process at any point of time without assigning reason.
- (vi) No participant shall contact OIL on any matter relating to the EOI after the last date of submission of EOI unless requested for so in writing. Any effort by the bidder to influence OIL in the decision making in respect of EOI will result in the rejection of that bidder.
- (iv) Based on the responses received against this invitation, a virtual meeting/ offline discussion (as per convenience of OIL) may be held with the responding Technology Provider/ Service Provider/ Contractor/ Vendor/ Company to discuss on the information/ views submitted. Date and time shall be intimated separately.

## 11.0 SUBMISSION OF EOI:

- 11.1 Interested Parties/Vendors/Contractors/Service Providers having relevant experience and expertise (details are available at OIL's website-[www.oil-india.com](http://www.oil-india.com)) are invited to submit their EOI(s) at our e-mail ids: [udai\\_dutta@oilindia.in](mailto:udai_dutta@oilindia.in) / [dandeswardeka@oilindia.in](mailto:dandeswardeka@oilindia.in) / [dilipgoswami@oilindia.in](mailto:dilipgoswami@oilindia.in) within **24-02-2021 up to 15:00 Hrs (IST)** or hard copies in sealed envelopes super-scribing "**Expression of Interest (EOI) NO. EOI/PSS/C/002/2020-21 dated 17.02.2021 for Providing Hydraulic Workover/ Snubbing unit services for workover/ well intervention operations.**" through courier/ post to the following address:

**CGM-PSS  
OIL INDIA LIMITED  
PSS DEPARTMENT  
P.O. DULIAJAN-786602  
DIST. DIBRUGARH, ASSAM, INDIA**

