



DRILLING SERVICES

P.O. Duliajan-786602, Assam, India

Phone: 0374-2806874

Fax: 0374-2804254

E-mail: Drilling@oilindia.in

खनन सेवाएँ

डाक - दुलियाजान, असम - 786602

दूरभाष -0374-2806874

फैक्स- 0374-28004254

ई-मेल -drilling@oilindia.in

GLOBAL EXPRESSION OF INTEREST

EOI NO. EOI/DRLG/B.19/1018/2025-26 dated 19.11.2025

FOR

EXPANDABLE LINER HANGER SYSTEM

1.0 Introduction:

OIL INDIA LIMITED (OIL), a "Maharatna" Category, Government of India Enterprise is a premier oil Company engaged in Exploration, Production and Transportation of crude oil & natural gas as well as production of LPG with its Field Headquarters at Duliajan, Assam. OIL has major share of its E&P activities in Assam & Arunachal Pradesh besides activities in rest of India and abroad.

2.0 Scope in Brief: This Scope of Work (SOW) outlines the requirements for hiring services and supplying equipment for the deployment of 7" and 5" liners using expandable liner hanger (ELH) systems. The services are to be provided on a turnkey (package) basis under a service contract.

3.0 Scope of Supply

The Contractor shall supply the following as part of the job:

1. Expandable liner hanger systems for 7" and 5" liners
2. All associated accessories
3. Float equipment
4. Running tools
5. Liner Hanger setting support

4.0 Technical Requirements

4.1 Category A: 7" Expandable Liner Hanger System

A. Design & Compatibility

1. Reciprocating and rotating solid-body design
2. To be set in 9 5/8" casing (47-53.5 ppf, L-80/P110/Q125)
3. Compatible with 7" liner (29ppf, Atlas Bradford TC-II connection)

B. Performance Criteria

1. Differential pressure rating: 10,000 PSI
2. Temperature rating: 350°F (BHCT)
3. Suitable for deviation up to 90°
4. Setting and sealing arrangement: With or without cementation.

C. Equipment and Accessories

1. Integral liner top packer with 8-15 ft PBR extension
2. Hydraulic-set design with expandable sealing

3. Primary flapper setting mechanism to activate expansion stroke with contingency option
4. Float equipment, landing collars, reamer shoes (drillable by PDC and conventional bits)
5. Wiper plugs, darts, necessary crossovers
6. Provision of tie-back seal nipple and orifice collar
7. Cement manifold (rotating type, top drive compatible, rated to 10,000 PSI / 750 Tons)
8. Polished mill assembly for dressing liner top

D. Documentation and Support

1. Detailed drawings of liner assembly and tools
2. Technical data sheets including pressure and temperature ratings

4.2 Category B: 5” Expandable Liner Hanger System

A. Design & Compatibility

1. Reciprocating and rotating solid-body design
2. To be set in 7” casing (29–35 ppf, L-80/P110/Q125)
3. Compatible with 5” liner (15ppf, FL4S connection)

B. Performance Criteria

1. Differential pressure rating: 10,000 PSI
2. Temperature rating: 350°F (BHCT)
3. Suitable for deviation up to 90°
5. Setting and sealing arrangement: With or without cementation.

C. Equipment and Accessories

1. Integral liner top packer with 8–15 ft PBR extension
2. Hydraulic-set design with expandable sealing
3. Flapper-based setting with contingency release
4. Float equipment, landing collars, reamer shoes
5. Wiper plugs, combination darts (3½” to 5½”)
6. Necessary Crossovers.
7. Cement manifold (rotating type, top drive compatible, rated to 10,000 PSI / 750 Tons)
8. Polished mill assembly for dressing liner top
9. All shear pin details are to be provided. Seal Element Material.

4.3 Additional Information: Contingency plan in case of Fishing of Liner setting tool / Hanger system

4.4 Documentation and Support:

The Service Provider should furnish the following documents as part of their EOI:

- A. **Scope of Work:** A comprehensive list of equipment/tools/items to be used for the proposed services must be provided along with.
 - i. Drawings and dimensions of liner assembly and tools
 - ii. Technical data sheets for tools and materials covering the Expandable Hanger Expansion Method, Expandable metal type).
 - iii. Detailed Operational program for running, setting, cementing, and contingency steps.
- B. **Mobilization / Delivery Schedule:** Service Provider should provide their best mobilization schedule up to Duliajan, Assam.
- C. **Experience of past:** Documentary proof must be submitted as per **Annexure-I**.

5.0 Intended Benefit from the Service: OIL is looking at the following key

EXPERIENCE STATEMENT OF THE SERVICE PROVIDER

Experience statement in previous Seven (7) years to be reckoned from the date of publication of the EOI.

Sl. No.	Name & Contact details of client	Place of Operation	Details of the supply/service of <u>EXPANDABLE LINER HANGER SYSTEM</u>			Remarks
			Name of Well / Location (Optional)	Drilled Depth of the Well	Nature of Well (vertical/ Deviated / Horizontal)	
1			1. 2.			
2			1. 2.			
3			1. 2.			

Add rows as required.

Note: As a proof of successful execution of job(s), bidder must attach either copy of end of the well report or copy of daily progress report or any other document duly certified by Client, name of well/location, substantiating the job execution.

****End of EOI Document****