



EXPRESSION OF INTEREST (EOI) for Market exploration for Hiring Drill Swivel and Associated Deployment Services for Limited Entry Liner (LEL) Completion in Mumbai High Wells

1. Introduction

Oil and Natural Gas Corporation Limited (ONGC) invites Expressions of Interest (EOI) from established manufacturers, technology providers, technology licensors, and specialized oilfield service providers possessing proven expertise in downhole Drill Swivel, workstring rotation, friction reduction and torque isolation technologies for liner deployment and completion applications.

Deployment of long liners in highly deviated and horizontal open-hole sections can result in significant axial drag, torque, reduced hookload and difficulty in reaching the planned setting depth. These challenges may become more significant in extended open-hole sections and where the completion assembly incorporates components that are sensitive to rotational forces.

ONGC is exploring the applicability of specialized downhole Drill Swivel technology capable of permitting rotation of the upper workstring while substantially isolating the lower liner/completion assembly from rotational torque. Such technology is intended to reduce friction and drag during deployment of the Limited Entry Liner (LEL) completion system and facilitate reliable placement of the liner at the required depth.

The proposed Drill Swivel may comprise a workstring-deployed mechanical, hydraulic or combined mechanism capable of allowing relative rotation between the upper workstring and the lower completion assembly, with provision for positive locking where transmission of torque to the lower assembly is required.

ONGC is presently considering evaluation of such technology for deployment with the Limited Entry Liner (LEL) completion system in selected Mumbai High wells having long, highly deviated/horizontal open-hole sections.

The EOI is intended to assess available Drill Swivel technologies, technology maturity, manufacturers/service providers, field experience, operating envelope, equipment availability and suitability for potential deployment in Mumbai High wells.

2. Objective

The primary objective of this EOI is to assess the industrial landscape and identify qualified manufacturers, technology providers and specialized service providers with demonstrated capabilities in Drill Swivel, workstring rotation, friction reduction and torque isolation applications.



The responses received will assist ONGC in assessing available technologies, framing appropriate technical specifications and structuring future commercial procurement initiatives or pilot field trials, as considered appropriate.

3. Key Information and Dates

EOI Reference No.	ONGC/Drill-Swivel/EOI/2026/11
Issue Date	08/10/2026
Submission Due Date	28/10/2026
Submission Mode	Electronic Submission by Email
Contact Email(s)	sanghi_sanjiv@ongc.co.in , gupta_p1@ongc.co.in , mishra_sb@ongc.co.in
Contact Nos	011-2675 2035
Address	DUB, Plot No. 5A- 5B Nelson Mandela Road, Vasant Kunj, New Delhi,

4. Indicative Technical Envelope and Nature of the Requirement

1. Nature of Requirement

- Hiring of Drill Swivel services for deployment of Limited Entry Liner (LEL) completion system in **04 (Four) Mumbai High wells** on a pilot basis.
- The proposed technology shall be suitable for deployment with long 7" L-80, 29 ppf, BTC liner in approximately 8½" open-hole sections.
- The wells may involve highly deviated/horizontal open-hole sections, with inclination potentially extending up to approximately 90°.
- The proposed Drill Swivel should preferably be capable of being deployed as part of the liner running/workstring assembly without requiring major modification to the LEL completion design.
- The Drill Swivel is intended to facilitate rotation of the upper workstring while isolating the liner and associated completion assembly below from unnecessary rotational forces.
- The proposed technology should preferably provide a positive locking mechanism or equivalent provision to transmit required operational torque to the lower assembly when required.
- The proposed system shall be suitable for repeated deployment/retrieval and offshore well intervention/completion operations.

The proposed tool/service should preferably be capable of:



- Reducing axial drag and friction during deployment of long liner/completion assemblies;
- Allowing independent rotation of the upper workstring relative to the lower liner/completion assembly;
- Isolating the lower completion assembly from rotational torque during workstring rotation;
- Transmitting operational torque to the lower assembly when the tool is in the locked condition, where required;
- Operating reliably under combined tension/compression, torque, bending and rotational loads;
- Maintaining functionality in highly deviated and horizontal well sections;
- Being compatible with the proposed LEL completion assembly and associated running tools;
- Supporting liner deployment to the planned setting depth under anticipated well conditions;
- Providing suitable contingency arrangements in case of tool malfunction or operational difficulty; and
- Allowing safe retrieval/recovery of the tool after completion of the liner deployment operation.

The supplier shall clearly state the applicable deployment method and any requirement for ancillary equipment, surface equipment, handling equipment, crossovers/adapters, pressure-control equipment or other services.

The supplier shall provide details of the tool configuration, dimensions, weight, connections, operating mechanism and major components.

2. Indicative Well/Completion Envelope

The following represents the indicative application envelope for the proposed technology:

Parameter	Indicative Requirement
Application	Limited Entry Liner (LEL) completion in open hole
Number of wells	04 (Four) Mumbai High wells
Liner size	7"
Liner weight	29 ppf
Liner grade	L-80
Connection	BTC, API 5B or equivalent
Open-hole size	Approximately 8½"
Well inclination	Highly deviated/horizontal, up to approximately 90°

Well environment:

- H₂S: 100–300 ppm
- CO₂: 1–3.5%



The above parameters are indicative and may vary depending upon well-specific completion design and operational requirements.

5. Information Sought from Interested Parties

Interested entities must submit a comprehensive dossier detailing their technological credentials, proposed technology and service capability.

1. Business Scope Identification

Explicit statement confirming whether the vendor is:

- Manufacturer of Drill Swivel equipment;
- Technology provider/licensor;
- Manufacturer-cum-service provider;
- Authorized supplier/service provider; or
- Other specialized downhole completion/liner deployment technology provider.

In case the respondent is not the original manufacturer/technology owner, details of the original manufacturer/technology owner and authorization arrangement shall be provided.

2. Company Profile & Service Facility

Detailed information regarding:

- Company profile;
- Manufacturing/service facility location;
- Service base location;
- Available tool sizes/configurations;
- Tool maintenance/redress facility;
- Testing/qualification facilities;
- Field service capability;
- Quality assurance facilities;
- Availability of technical/service personnel; and
- Offshore service capability.

3. Technical Details including the following

- Technology/Product Technical Datasheet.
- Operating Principle and Tool Configuration.
- Mechanical, Pressure and Temperature Ratings.
- Rotation, Torque Isolation and Locking Mechanism.
- Deployment and Running Methodology.
- Workstring and Liner/Completion Compatibility.



- Field Track Record and Reference Cases.
- HSE Requirements and Operational Limitations.
- Proposed Pilot Deployment Methodology.
- Tool Availability, Service Capability and Mobilization Lead Time.
- Backup/Contingency Equipment and Spares.
- Applicable Standards, Certifications and Patents/Proprietary Technology, if any.
- Any other relevant technical information.

4. Experience Details

- Details of relevant experience in the field.
- Detailed track records, case studies, and reference customer details from major global operators.

6. Submission Guidelines

- **Language:** English
- **Submission Deadline:** 28.10.2026
- **Submission Format:** Electronic copies in PDF/PPT format to be submitted via email to: sanghi_sanjiv@ongc.co.in, gupta_p1@ongc.co.in, mishra_sb@ongc.co.in

7. Confidentiality

All information received by ONGC as part of this EOI shall become the property of ONGC and will be maintained in confidence and utilized solely for internal evaluation and assessment purposes.

8. Disclaimer

This EOI is solely for the purpose of market exploration. It does not constitute a commercial tender or RFP, nor does it commit ONGC to proceed with any procurement process.