

EXPRESSION OF INTEREST (EOI)
Cybersecurity Strengthening Measures for ABB SCADA.

EOI No.: INST/11-0(EOI)/308

Date: 05.06.2026

DESCRIPTION: Supply, Installation and Commissioning of Cybersecurity Strengthening Measures for ABB SCADA.

1. INTRODUCTION

Oil India Limited (OIL) invites Expression of Interest (EOI) from reputed, experienced and technically competent Original Equipment Manufacturers (OEMs), Authorized Partners, System Integrators and Cybersecurity Solution Providers for the Supply, Installation, Configuration, Testing and Commissioning of Cybersecurity Strengthening Measures for the ABB SCADA System deployed in OIL's operational environment.

The objective of this EOI is to assess the availability, capability and interest of competent agencies in the market for implementing cybersecurity enhancement measures for the ABB SCADA infrastructure. The information received through this EOI shall assist OIL in identifying suitable technology providers and understanding the prevailing market capabilities, solutions and implementation approaches for strengthening the cybersecurity posture of its Operational Technology (OT) environment.

2. BROAD SCOPE OF WORK

Implementation of the following:

A. Network Security & Segmentation

- a. Purdue Architecture Implementation
- b. Secure zoning and conduits
- c. OT DMZ implementation
- d. Industrial firewalls and network segmentation
- e. Patch and firmware updates for network components

B. Security Monitoring

- a. OT Intrusion Detection System (IDS)
- b. Cyber Event Storage and Forwarder for future SIEM.

C. Identity & Access Management

- a. AAA, RADIUS and MFA
- b. Role-based access control
- c. OT Domain Controller

D. Secure Remote Access

- a. Jump servers and controlled secure remote access

E. Endpoint Security & Hardening

- a. Server/workstation hardening
- b. Patch and antivirus management

F. Backup & Recovery

- a. Backup and disaster recovery solution

3. VENDOR ELIGIBILITY

3.1 Vendor shall provide documentary evidence of executing cyber security strengthening measures in Operational Technology environment involving the implementation of cybersecurity solutions and measures such as:

- a. Firewalls
- b. Intrusion Detection System
- c. Patch/ Antivirus Management
- d. Secure Remote Access
- e. Domain Controller
- f. RADIUS
- g. Cyber Event Storage and Forwarder for SIEM
- h. Backup and Recovery Solution

3.2 Interested Vendors shall confirm, as part of their EOI response, their willingness to submit a budgetary quotation for the proposed implementation within ten (10) days of receiving the network architecture and draft technical specifications from OIL.

4. OBJECTIVE OF EOI

This EOI aims to:

- a. Identify technically capable vendors
- b. Finalize specifications
- c. Proceed to formal tendering

5. SUBMISSION OF EXPRESSION OF INTEREST

Interested parties are requested to submit their EOIs in electronic format to raunaq.barkakati@oilindia.in, ppadhyapak@oilindia.in or hardcopy may be submitted to the following address no later than 22.06.2026:

**CGM-Instrumentation(HoD)
INSTRUMENTATION DEPARTMENT
R&D COMPLEX
OIL INDIA LIMITED
P.O. Duliajan – 786602
DIST. Dibrugarh, Assam, India**

6. GENERAL NOTES:

- a. All submissions must be self-certified, clear and legible.
- b. This EOI does not constitute a commitment by OIL for any procurement
- c. OIL reserves the right to accept or reject any or all EOIs without assigning any reason.
- d. Selected parties may be invited for technical discussions or site visits as needed.

7. 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 for OIL's upcoming open tender for supply, installation and commissioning of cybersecurity strengthening measures for ABB SCADA.

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.

N.B.: For any clarifications or queries, please feel free to contact us at raunaq.barkakati@oilindia.in, ppadhyapak@oilindia.in. We look forward to receiving your Expression of Interest and exploring the potential of working together on this project.