SURVEY QUESTIONAIRE

FOR SELECTION THE LONG LIST BIDDER OF PACKAGE

"CONDUCT HAZOP, DETAIL ENGINEERING DESIGN, IMPLEMENTATION, TESTING AND COMMISSIONING FOR INTERLOCK SEGREGATION IN RHDS UNIT"

Date: 20-Aug-26, Rev. 0

Nghi Son Refinery & Petrochemical Limited Liability Company (NSRP) is planning for the procurement for RHDS LOGIC MODIFICATION.
If your company is interested in those procurement packages, please fill in and complete the questionnaire below then send email to **giang.vt1@nsrp.com.vn**
Subject: "Respond for Questionnaire - **RHDS LOGIC MODIFICATION IN SIS SYSTEM**" by **17:00PM 28 August 2026** at the latest.

1. Project introduction

The current SIS design includes a common Emergency Shutdown (ESD) logic for both modules (M1 and M2). As a result, an ESD initiated in either module - for example, due to a process trip, instrument failure, or inadvertent activation of an interlock during maintenance or CCO activities - may trigger shutdown of both modules. This common shutdown philosophy can result in a total RHDS unit shutdown, causing production loss and highly impacting refinery margins.

NSRP requests the Contractor to modify the existing SIS logic of the RHDS by separating the common RHDS ESD logic into dedicated shutdown logics for Module 1 and Module 2.

2. General Scope of Work

NSRP will hire a contractor following SOW:

- ✓ Contractor will organize the HAZOP/LOPA/SIL meeting with Lummus / NSRP participation.
- ✓ Contractor will develop "Detailed engineering design" document based on Licensor documents (Licensor will review Contractor documents)
- ✓ Contractor will implement at site until the site acceptance test and work completion.

3. General / key requirements for Contractor capability (questionnaires)

(1) Does your company have valid business registration and legal eligibility to perform works in electrical, instrument, analyzer or control system field in Viet Nam?

NSRP
Văn phòng Hà Nội:
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Khu KT Nghi Sơn, phường Hải Bình, tỉnh Thanh Hóa, Việt Nam
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Please provide a valid Business Registration Certificate (name, address, registration no.) and confirm that your licensed business scope includes construction. Indicate years of operation in oil & gas and local entity (if foreign).

Evidence to attach: Business Registration (PDF), relevant licenses/permits, company profile.

(2) Does your company have experience in detailed engineering design, implementation, testing and commissioning of control/ safety systems?

Provide at least two (02) projects have successfully completed within the past 10 years. Each contract value of not less than USD 300,000, involving detailed engineering design, implementation, testing, and commissioning of control and safety systems.

Evidence to attach: Contracts, acceptance certificates.

(3) Does your company hold valid ISO certifications and management systems applicable to this project?

Confirm current certifications: ISO 9001 (Quality), ISO 45001 (OH&S). Describe how your HSE framework aligns with IMCA/OPITO/OSHA standards or equivalent recognized international standards (such as DNV, STCW, ISO 45001, NEBOSH), including training matrix safety management, emergency response, safety plan (as per MD-04-HSE-HS-PD-043 Rev.04 Electrical Safety Procedure, the vendor shall prepare PTW, LOTO, task supervisor, safe work method statement, Job safety and operational impact analysis,...).

Evidence to attach:

ISO certificates, relevant contracts, sample HSE execution plan from previous project.

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