REQUEST FOR PROPOSAL (RFP)

Shah and Sons

PROJECT OVERVIEW

Name: Drill Michael Decommissioning
Type: Decommissioning
Location: South Michael, DC (Refinery Zone)
Industry: Oil & Gas
Value: $4,591,007
Complexity: 2/5
Date: April 09, 2025
Disciplines: Instrumentation & Controls, Process Engineering
Regulations: API Standards

SCOPE OF WORK

Scope of Work: Decommissioning of Refinery Zone Equipment

Project Goal: Safe and compliant decommissioning of selected equipment within a refinery zone, focusing on instrumentation and control systems, and process engineering aspects.
Project Complexity: 2/5

Discipline: Instrumentation & Controls

Task 1: Decommissioning of Level Transmitters: Remove and properly dispose of five (5) existing level transmitters (Rosemount 3051 type) located in Tank Farm A. This includes disconnecting all wiring, removing the instruments from their mounting locations, and documenting all disconnections with clear as-built diagrams following API RP 581 guidelines for safe decommissioning and disposal. All hazardous materials will be handled according to relevant regulations.

Task 2: Removal and Replacement of Control Valves: Decommission and remove three (3) 6-inch pneumatic control valves (Fisher type 657) from the process line designated as Line 123. This involves isolating the line, depressurizing the system, and removing the valves. Appropriate tagging and isolation procedures will be documented and followed, in accordance with OSHA and API recommended practices. The valves will be replaced with blind flanges of the same dimension, material, and pressure rating.

Discipline: Process Engineering

Task 1: Line Flushing and Inerting: Develop and implement a detailed flushing and inerting plan for Process Line 456 prior to decommissioning. The plan will include procedures for removing residual hydrocarbons using nitrogen purging and verifying inert conditions before any further decommissioning activities are undertaken, including calculations for nitrogen requirements and purge times. Procedures must meet all relevant safety and environmental standards.

Task 2: Decommissioning of Heat Exchanger: Safely decommission a 2m x 1m shell and tube heat exchanger (material: 316 Stainless Steel) including draining all fluids, removal of insulation (documented by photograph and sketch), and safe disposal of materials in accordance with relevant environmental regulations and internal procedures. A detailed report outlining the procedure, materials disposed of, and disposal method used will be produced.
Cross-Disciplinary Tasks:

Task 1: Joint Site Walkdown: Instrumentation & Controls and Process Engineering teams will conduct a joint site walkdown to verify the location, condition, and accessibility of all equipment slated for decommissioning. This walkdown will inform the detailed planning for both disciplines, ensuring efficient and coordinated work. Any discrepancies between the design documentation and actual site conditions will be documented.

Task 2: HAZOP Review: Both disciplines will participate in a HAZOP (Hazard and Operability) study to identify and mitigate potential hazards associated with the decommissioning process, focusing on safe isolation of equipment and prevention of uncontrolled releases of hydrocarbons, following API RP 750. Recommendations for mitigating identified hazards will be included in the decommissioning plan.
Complexity Impact Note: The project's complexity is moderate due to the scope and specific decommissioning requirements; however, standard procedures are anticipated to mitigate risks and ensure efficiency.

REQUEST FOR QUOTATION

Request for Quotation (RFQ): Drill Michael Decommissioning

Project Name: Drill Michael Decommissioning

Project Location: Refinery Zone, South Michael, DC

Industry: Oil & Gas
Project Complexity: 2/5

1. Introduction:
This RFQ solicits proposals for the safe and compliant decommissioning of selected equipment within the Drill Michael Refinery Zone. The scope encompasses instrumentation & controls, process engineering, and cross-disciplinary tasks detailed below. The project requires adherence to all relevant OSHA, API, and environmental regulations.

2. Scope of Work:
Instrumentation & Controls:

*** Task 1: Decommissioning of five (5) Rosemount 3051 level transmitters (Tank Farm A).**

*** Task 2: Removal and replacement (with blind flanges) of three (3) 6-inch Fisher type 657 pneumatic control valves (Line 123).**
Process Engineering:

*** Task 1: Develop and implement a flushing and inerting plan for Process Line 456.**

*** Task 2: Decommissioning of a 2m x 1m shell and tube heat exchanger (316 Stainless Steel).**
Cross-Disciplinary Tasks:

*** Task 1: Joint site walkdown to verify equipment condition and accessibility.**

*** Task 2: HAZOP study to identify and mitigate potential hazards.**

3. Qualifications:
Bidders must demonstrate a minimum of 3 years of experience in Oil & Gas decommissioning projects, a proven track record of regulatory compliance (OSHA, API, Environmental), and relevant certifications.
4. Proposal Requirements:
Proposals should include:
* A detailed technical design (1-2 pages) outlining the proposed methodology for each task.
* A comprehensive cost breakdown.
5. Evaluation Criteria:
Proposals will be evaluated based on:
* Technical Approach (50%)
* Cost (30%)
* Experience and Qualifications (20%)

6. Schedule:

*** RFQ Release Date: April 09, 2025**

*** Questions Due: April 21, 2025**

*** Proposals Due: May 04, 2025**
* Project Start Date: May 26, 2025

*** Project Duration: 4 months**

7. Contract Type:
Fixed Price

8. Contact:
Submit proposals electronically to procurement@oil&gas.com

CONTACT

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TIMELINE

Include key dates such as submission deadlines, inquiry deadlines, and project start dates.