

REQUEST FOR PROPOSAL (RFP)

Walker-Figueroa

PROJECT OVERVIEW

Name: Refine Mariah Decommissioning
Type: Decommissioning
Location: East Mariah, RI (Refinery Zone)
Industry: Oil & Gas
Value: \$1,747,187
Complexity: 1/5
Date: April 09, 2025
Disciplines: Process Engineering, Piping & Pipeline
Regulations: EPA Requirements, OSHA Regulations

SCOPE OF WORK

Scope of Work: Decommissioning of Refinery Zone Equipment

Project Goal: Safely and efficiently decommission selected refinery zone equipment according to EPA and OSHA regulations, minimizing environmental impact and ensuring worker safety.

Complexity Level: 1/5

Discipline: Process Engineering

1. Process Flow Diagram (PFD) & Piping & Instrumentation Diagram (P&ID) Update: Develop updated PFDs and P&IDs reflecting the decommissioned equipment removal, clearly indicating the changes to the remaining process flow. This will include removing the decommissioned units and updating the line numbers and equipment tags, delivered in AutoCAD format with electronic data sheets.
2. Waste Stream Characterization and Management Plan: Characterize the waste streams generated during decommissioning (e.g., hydrocarbons, spent catalysts), including volume estimations and composition analysis. Develop a detailed waste management plan complying with EPA regulations for disposal or recycling, including specifications for containers and transport.
3. Decommissioning Procedure Development: Develop detailed step-by-step procedures for safely isolating, draining, cleaning, and preparing the identified equipment for removal, considering potential hazards such as residual hydrocarbons and confined space entry. Procedures must adhere to OSHA safety protocols and include emergency response plans.

Discipline: Piping & Pipeline

1. Piping System Isolation and Blind Flanging: Isolate designated pipelines (e.g., 6-inch carbon steel lines) using approved blind flanges, adhering to ASME B31.3 standards. This includes pressure testing of isolated lines to confirm complete isolation and preparing detailed documentation of isolation procedures and associated safety precautions.
2. Removal of Redundant Pipelines: Remove and dispose of 100 meters of redundant 4-inch schedule 40 carbon steel piping, adhering to all applicable OSHA safety regulations for confined space entry and demolition. Documentation will include photos, disposal certificates, and detailed records of work performed for each pipeline section.
3. Pipeline Flushing and Cleaning: Flush and clean designated pipelines (up to 200 meters of 8-inch diameter lines) using approved cleaning agents and procedures to remove residual hydrocarbons and prepare them for future use or disposal. This should comply with EPA guidelines for discharge of cleaning fluids and generate a detailed report documenting the flushing process, fluid analysis, and disposal methods.

Cross-Disciplinary Tasks:

1. HAZOP Study (Hazardous Operability Study): Conduct a HAZOP study jointly with Process and Piping engineers to identify and mitigate potential hazards associated with the decommissioning activities. This includes analyzing the process changes due to equipment removal and the safety implications of the decommissioning procedure. The output will be a HAZOP report with recommended mitigation actions.
2. Joint Site Walkdowns & Risk Assessment: Conduct regular joint site walkdowns with Process and Piping engineers to monitor the progress of decommissioning work and assess any emerging safety or environmental risks. This should include daily observations and reporting of any safety issues or deviations from planned procedures and updating risk assessments accordingly.

Complexity Impact Note: The project's simplicity allows for straightforward planning and execution, minimizing potential complexities.

REQUEST FOR QUOTATION

Request for Quotation (RFQ): Refine Mariah Decommissioning

Project: Refine Mariah Decommissioning ? Refinery Zone Equipment Decommissioning

Location: East Mariah, RI

Industry: Oil & Gas

Date: April 09, 2025

Due Date: May 15, 2025

Project Overview: This project involves the safe and efficient decommissioning of selected refinery zone equipment at the East Mariah facility, adhering to all applicable EPA and OSHA regulations. The complexity level is rated 1/5.

Scope of Work: The scope encompasses Process Engineering, Piping & Pipeline disciplines, and cross-disciplinary tasks detailed below:

Process Engineering:

1. Updated PFDs & P&IDs (AutoCAD & EDS)
2. Waste Stream Characterization & Management Plan
3. Detailed Decommissioning Procedures (OSHA compliant)

Piping & Pipeline:

1. Piping System Isolation & Blind Flanging (ASME B31.3)
2. Redundant Pipeline Removal (100m of 4" Schedule 40 Carbon Steel)
3. Pipeline Flushing & Cleaning (up to 200m of 8" diameter lines)

Cross-Disciplinary:

1. HAZOP Study & Report
2. Joint Site Walkdowns & Risk Assessments (daily reporting)

Qualifications: Minimum 3 years of experience in the Oil & Gas industry with a proven track record of regulatory compliance (EPA & OSHA).

Proposal Requirements:

1. Detailed technical design (1-2 pages max) addressing the scope of work.
2. Comprehensive cost breakdown.

Evaluation Criteria:

- * Technical Approach (50%)
- * Cost (30%)
- * Experience & Qualifications (20%)

Project Timeline:

- * RFQ Release: April 09, 2025
- * Questions Due: April 18, 2025
- * Proposals Due: May 15, 2025
- * Project Start: May 24, 2025
- * Project Duration: 9 months

Contract Type: Fixed Price

Submit Proposals To: procurement@oil&gas.com

CONTACT

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TIMELINE

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