REQUEST FOR PROPOSAL (RFP)

Reynolds and Sons

PROJECT OVERVIEW

Name: Petro Timothyhaven Decommissioning
Type: Decommissioning
Location: New Timothyhaven, PA (Industrial Park)
Industry: Oil & Gas
Value: $4,022,492
Complexity: 1/5
Date: April 09, 2025
Disciplines: Process Engineering, Piping & Pipeline, Instrumentation & Controls
Regulations: EPA Requirements

SCOPE OF WORK

Scope of Work: Decommissioning of Oil & Gas Facility in Industrial Park

Project Goal: Safely and efficiently decommission a small, obsolete oil & gas processing unit within an industrial park, adhering to all relevant EPA regulations and industry best practices. This project is categorized as Level 1 complexity.

1. Process Engineering:

*** Task 1: Develop a Decommissioning Plan: Create a detailed decommissioning plan outlining the safe and environmentally sound removal of all process equipment, including tanks (max. capacity 500 barrels), piping, and associated instrumentation. This plan will include a detailed schedule, safety procedures (LOTO procedures), waste management strategy (including disposal of hazardous materials in accordance with EPA regulations), and resource allocation.**

*** Task 2: Prepare Process Flow Diagrams (PFDs) for Decommissioning: Generate revised PFDs illustrating the step-wise removal of process equipment, highlighting isolation points, drain points, and flushing procedures for each component. These PFDs will specify the sequence of operations for safe equipment isolation and inerting with nitrogen before dismantling.**

*** Task 3: Prepare Material Safety Data Sheets (MSDS) Review and Waste Characterization Report: Compile and review existing MSDS for all materials present in the facility. Conduct a waste characterization assessment to categorize waste streams (e.g., hazardous, non-hazardous) and determine the appropriate disposal methods compliant with EPA regulations and local ordinances.**

2. Piping & Pipeline:

*** Task 1: Develop Piping & Instrumentation Diagram (P&ID) Modifications for Decommissioning: Update existing P&IDs to reflect the decommissioning process, clearly marking lines to be removed, purged, and plugged. These modifications will detail the procedures for safe disconnection and isolation of all piping systems, including appropriate blind flanges and caps sizing (minimum 6" class 150).**

*** Task 2: Detailed Dismantling Procedure for Piping Systems: Prepare a detailed procedure for the safe removal and disposal of piping systems (max. 100m of 4-inch Schedule 40 carbon steel piping), including cutting, removal, and disposal in compliance with all relevant safety and environmental regulations. This includes specifying appropriate cutting tools and PPE.**

*** Task 3: Prepare Bill of Materials for Removal and Replacement of Piping Components: A comprehensive bill of materials will be provided to document the removal of existing piping components, including valves, fittings and flanges, and any necessary replacement materials for temporary plugging and sealing (e.g. blind flanges, caps).**

3. Instrumentation & Controls:

*** Task 1: Instrument Decommissioning Plan: Develop a plan for the safe removal and disposal of all instrumentation, including pressure transmitters, level sensors, and control valves. This will include detailed procedures for disconnecting wiring and safely removing instruments, with consideration of potential hazardous energy sources. This plan will list all instruments to be removed.**

*** Task 2: Control System Shutdown and Documentation: Develop a procedure for safely shutting down and de-energizing the control system, including detailed steps for isolating power, grounding equipment, and documenting the system's final state. This will involve verification of the removal of all hazardous energy.**

*** Task 3: Final Inspection and Reporting of Instrumentation: Conduct a final inspection to verify the complete removal of all instrumentation and controls, documenting the status of all points in a comprehensive report including photos.**

Cross-Disciplinary Tasks:

*** Task 1: Joint Hazard and Risk Assessment: Process Engineering, Piping & Pipeline, and Instrumentation & Controls teams will collaborate to conduct a thorough hazard and risk assessment for the entire decommissioning process, identifying potential hazards and implementing appropriate mitigation strategies. This will ensure a safe work environment for the duration of the project.**

*** Task 2: Integrated Decommissioning Schedule: All disciplines will collaboratively develop a detailed integrated schedule, identifying interdependencies between tasks and ensuring efficient execution of the project. The schedule will incorporate safety milestones and permit timelines.**

Complexity Impact Note: The low complexity (Level 1) reflects the relatively small scale and straightforward nature of the decommissioning project.

REQUEST FOR QUOTATION

Request for Quotation (RFQ): Petro Timothyhaven Decommissioning

Project Title: Petro Timothyhaven Decommissioning

Location: New Timothyhaven Industrial Park, PA

Industry: Oil & Gas

Complexity: Level 1 (Low)

Project Goal: Safely and efficiently decommission a small, obsolete oil & gas processing unit (max. 500-barrel tank capacity, ~100m of 4? piping) adhering to all EPA regulations and industry best practices. The project encompasses process engineering, piping & pipeline decommissioning, instrumentation & control removal, and comprehensive safety protocols.

Scope of Work: Detailed scope is attached (see attached document). This includes comprehensive planning, design, execution, and documentation of all decommissioning activities.

Qualifications: Minimum 3 years' experience in Oil & Gas decommissioning projects; proven record of regulatory compliance (EPA).
Proposal Requirements:

1. Technical Design: A concise (1-2 page) technical approach outlining your methodology and proposed solutions.

2. Cost Breakdown: Detailed cost breakdown outlining all labor, materials, equipment, permitting, and disposal costs.
Evaluation Criteria:

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

Timeline:

* RFQ Release Date: April 9, 2025
* **Questions Due: April 17, 2025**
* **Proposals Due: May 4, 2025**
* Project Start Date: May 13, 2025
* Project Duration: 10 Months

Contract Type: Fixed Price

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

Attachment: Detailed Scope of Work (attached separately)

CONTACT

Derrick Gilbert, Procurement Manager
Phone: (335)832-0896x669
Email: derrick@reynoldsandsons.com

TIMELINE

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