REQUEST FOR PROPOSAL (RFP)

Mccarthy and Sons

PROJECT OVERVIEW

Name: Drill Sarah Decommissioning
Type: Decommissioning
Location: East Sarah, NV (Industrial Park)
Industry: Oil & Gas
Value: $3,857,357
Complexity: 2/5
Date: April 09, 2025
Disciplines: Structural Engineering, Piping & Pipeline, Process Engineering
Regulations: API Standards

SCOPE OF WORK

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

Project Goal: Safe and compliant decommissioning of obsolete oil & gas infrastructure within an industrial park, minimizing environmental impact and adhering to all relevant regulations.

Complexity: 2/5
Disciplines Involved: Structural Engineering, Piping & Pipeline Engineering, Process Engineering
1. Structural Engineering:

*** Task 1: Decommissioning of Elevated Storage Tank: Safely dismantle a 50-ft diameter, 30-ft high elevated storage tank (carbon steel, estimated weight 50 tons) constructed according to API 653 standards. This includes the preparation of demolition plans, obtaining necessary permits, and ensuring compliance with all environmental regulations regarding waste disposal. The deliverable will be a detailed demolition plan, including waste management strategy and site restoration plan.**

*** Task 2: Assessment and Remediation of Existing Concrete Foundations: Conduct a structural assessment of existing concrete foundations (estimated area 1000 sq ft) for former process equipment. Assess their structural integrity for potential reuse or safe demolition, generating detailed reports with recommendations for remediation or removal, adhering to local building codes. Deliverables include a structural assessment report and demolition or remediation plans.**
2. Piping & Pipeline Engineering:

*** Task 1: Decommissioning and Removal of Process Piping: Safely disconnect, drain, and remove approximately 200 ft of 6-inch diameter carbon steel process piping (Schedule 40) containing residual hydrocarbons. This includes implementation of lockout/tagout procedures, nitrogen purging, and proper disposal of removed piping segments in accordance with API RP 1621 guidelines and environmental regulations. Deliverables include detailed as-built drawings and waste disposal documentation.**

*** Task 2: Sealing and Abandonment of Underground Pipelines: Seal and abandon three underground pipelines (2 x 4-inch diameter, 1 x 8-inch diameter) using approved methods and materials (e.g., concrete plugs, epoxy resins) and in accordance with relevant API standards. This will involve hydro-testing of the lines before abandonment and detailed documentation of sealing procedures. The deliverable includes pipeline abandonment plans, hydro-test reports, and as-built drawings.**
3. Process Engineering:

*** Task 1: Development of Decommissioning Procedures: Develop detailed procedures for the safe and environmentally sound decommissioning of process equipment, including detailed steps for isolation, purging, draining, cleaning, and disposal. This will include a risk assessment that identifies and mitigates potential hazards during decommissioning activities and will adhere to relevant API standards where applicable. Deliverables include a detailed decommissioning plan with all necessary safety protocols.**

*** Task 2: Waste Management Plan: Develop a comprehensive waste management plan for all materials generated during the decommissioning process, including classification of hazardous and non-hazardous waste streams, identification of disposal methods and relevant permits. This plan must comply with all local, state, and federal environmental regulations. Deliverables include a detailed waste management plan outlining disposal methods, transport logistics, and reporting requirements.**
Cross-Disciplinary Tasks:

*** Task 1: Joint Site Safety Plan: The Structural, Piping, and Process Engineering teams will collaboratively develop a comprehensive site safety plan that addresses all potential hazards during the decommissioning project. This plan will include emergency response procedures, personnel training requirements, and personal protective equipment (PPE) specifications. The plan will be reviewed and approved by relevant safety personnel before any work commences.**

*** Task 2: Integrated Decommissioning Schedule: The three disciplines will collaborate to create a detailed, integrated decommissioning schedule that outlines task dependencies, resource allocation, and timeline for completion. The schedule will address potential conflicts between disciplines and will ensure efficient resource utilization, minimizing project delays.**
Complexity Impact Note: The project's complexity level (2/5) reflects a relatively straightforward decommissioning project with manageable technical challenges and well-established procedures.

REQUEST FOR QUOTATION

Request for Quotation (RFQ): Drill Sarah Decommissioning

Project Name: Drill Sarah Decommissioning

Location: East Sarah Industrial Park, NV

Industry: Oil & Gas

Project Goal: Safe and compliant decommissioning of obsolete oil & gas infrastructure, minimizing environmental impact and adhering to regulations.

Scope of Work: Decommissioning of oil & gas facilities (detailed scope attached). This includes but is not limited to: elevated storage tank demolition, concrete foundation assessment/remediation, process piping removal and underground pipeline abandonment, development of decommissioning procedures and waste management plans. See attached detailed scope of work for complete specifications.

Complexity: 2/5
Disciplines Involved: Structural, Piping & Pipeline, and Process Engineering.
Submission Requirements:

1. Qualifications: Demonstrate 3+ years of experience in oil & gas decommissioning projects, with a proven track record of regulatory compliance (API 653, API RP 1621, etc.).

2. Proposal: Include a concise technical design (1-2 pages) outlining your approach and methodology, and a detailed cost breakdown.

3. Evaluation Criteria: Technical Approach (50%), Cost (30%), and Experience (20%).

Timeline:

*** RFQ Release: April 9, 2025**

*** Questions Due: April 28, 2025**

*** Proposals Due: May 17, 2025**
* Project Start Date: May 3, 2025
* Project Duration: 6 months

Contract Type: Fixed Price

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

Attachment: Detailed Scope of Work (attached separately)

CONTACT

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TIMELINE

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