

REQUEST FOR PROPOSAL (RFP)

Murray-Lutz

PROJECT OVERVIEW

Name: Refine Stricklandchester Safety Compliance
Type: Safety Compliance
Location: Stricklandchester, AR (Factory Complex)
Industry: Oil & Gas
Value: \$3,976,178
Complexity: 1/5
Date: April 09, 2025
Disciplines: Piping & Pipeline, Instrumentation & Controls
Regulations: EPA Requirements, API Standards

SCOPE OF WORK

Scope of Work: Oil & Gas Facility ? Minor Upgrade Project

Project Goal: Implement minor upgrades to an existing oil & gas processing facility to improve efficiency and comply with EPA regulations concerning fugitive emissions.

Project Location: [Insert Project Location]

Project Duration: 4 weeks

Disciplines: Piping & Pipeline, Instrumentation & Controls

1. Piping & Pipeline:

* **Task 1.1: Replace 50 meters of existing 6-inch diameter carbon steel Schedule 40 process piping carrying light crude oil with new equivalent piping. This includes detailed isometric drawings, material selection in accordance with ASME B31.3, and weld procedures compliant with AWS D1.1. Hydrostatic testing will be performed after installation to verify integrity.**

* **Task 1.2: Install 10 new 2-inch diameter stainless steel 316L instrument air lines to support upgraded instrumentation (see Instrumentation & Controls tasks). This includes routing the lines adhering to ANSI B31.1, providing detailed fabrication drawings, and ensuring proper insulation and identification markings. Ensure all installation meets local fire protection codes.**

2. Instrumentation & Controls:

* **Task 2.1: Replace existing pressure transmitters (Rosemount 3051 type) on three process vessels with new smart pressure transmitters (Emerson Rosemount 3051S type) for enhanced monitoring and data acquisition capabilities. This includes providing a detailed instrumentation loop diagram, calibration procedures, and ensuring proper signal integration with the existing Distributed Control System (DCS).**

* **Task 2.2: Install four new pneumatic actuated valves (Fisher type) on the process piping (Task 1.1) to improve process flow control, replacing manual valves. This includes developing detailed instrument specifications, providing loop drawings showing pneumatic line sizing and routing, and performing functional testing of the installed valves prior to commissioning.**

Cross-Disciplinary Tasks:

* **Task 3.1 (Piping & Controls): Coordinate the installation of the new instrumentation (Task 2.1 & 2.2) with the piping replacement (Task 1.1) to minimize downtime and ensure smooth integration. This includes joint planning of activities, scheduling, and close communication between both teams to avoid interference.**

* **Task 3.2 (Piping & Controls): Develop a comprehensive pre-commissioning checklist for the entire upgraded system, jointly reviewed and approved by both the piping and instrumentation & controls teams. This ensures system integrity and functionality prior to start-up, accounting for both piping and instrumentation aspects.**

Complexity Impact: The project complexity is accurately rated as Level 1 due to the straightforward nature of the tasks and the minimal modifications required.

REQUEST FOR QUOTATION

Request for Quotation (RFQ): Refine Stricklandchester Safety Compliance

Project Name: Refine Stricklandchester Safety Compliance

Project Location: [Insert Project Location, Stricklandchester, AR]

Industry: Oil & Gas

Project Goal: Implement minor upgrades to improve efficiency and comply with EPA fugitive emissions regulations at an existing oil & gas processing facility.

Project Duration: 4 weeks (Start Date: April 30, 2025)

Scope of Work: Minor upgrade project encompassing piping & pipeline and instrumentation & controls tasks (detailed scope attached).

Scope Summary:

- * Piping & Pipeline: Replacement of 50m of 6" carbon steel piping and installation of 10 new 2" stainless steel instrument air lines.
- * Instrumentation & Controls: Replacement of three pressure transmitters and installation of four pneumatic actuated valves.
- * Cross-Disciplinary: Coordinated installation and pre-commissioning checklist development.

Qualifications: Minimum 3 years experience in Oil & Gas; demonstrated regulatory compliance expertise.

Proposal Requirements:

1. Detailed technical design (1-2 pages max) incorporating isometric drawings, material specifications (ASME B31.3, AWS D1.1, ANSI B31.1), and instrument specifications.
 2. Comprehensive cost breakdown.
- Evaluation Criteria: Technical Approach (50%), Cost (30%), Experience (20%).

Timeline:

- * RFQ Release: April 9, 2025
- * Questions Due: April 17, 2025
- * Proposals Due: May 4, 2025

Contract Type: Fixed Price

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

Detailed Scope of Work (attached)

Contact: [Your Name/Company Contact Information]

CONTACT

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TIMELINE

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