

# REQUEST FOR PROPOSAL (RFP)

Hodges, Pratt and Wilson

## PROJECT OVERVIEW

Name: Drill Schneiderville Safety Compliance

Type: Safety Compliance

Location: Schneiderville, CT (Industrial Park)

Industry: Oil & Gas

Value: \$3,882,406

Complexity: 1/5

Date: April 09, 2025

Disciplines: Structural Engineering, Instrumentation & Controls

Regulations: API Standards, EPA Requirements

## SCOPE OF WORK

**Scope of Work: Oil & Gas Facility Upgrade - Minor Platform Modification**

**Project Goal:** To upgrade an existing oil & gas processing platform with minor structural reinforcement and updated instrumentation for improved safety and operational efficiency. This project is classified as Complexity Level 1.

1. Structural Engineering

\* **Task 1: Platform Handrail Upgrade:** Replace existing corroded handrails on the platform walkways (approximately 50 meters total) with new galvanized steel handrails conforming to API RP 14C standards. Detailed shop drawings including material specifications (galvanized steel, 2" diameter pipe) and installation details will be provided. Calculations verifying compliance with OSHA fall protection regulations will be included in the deliverables.

\* **Task 2: Support Beam Inspection & Minor Repair:** Inspect existing steel support beams (estimated 10 beams, 6m length each) for corrosion and damage. Repair or replace any beams showing significant deterioration using A36 steel and appropriate welding techniques conforming to AWS D1.1. Provide a detailed inspection report with photographic evidence and repair recommendations, including material specifications and welding procedures.

2. Instrumentation & Controls

\* **Task 1: Level Sensor Replacement:** Replace three existing level sensors (capacitance type) in storage tanks with new, improved ultrasonic level sensors. The sensors should be selected based on compatibility with the stored fluids and environmental conditions, adhering to relevant ISA standards. Provide a detailed instrumentation and loop drawings with calibration procedures.

\* **Task 2: Pressure Gauge Calibration & Verification:** Calibrate and verify the accuracy of all pressure gauges (approximately 15 gauges) located on the platform's processing units. The calibration will be performed using certified equipment and traceable to NIST standards. A comprehensive calibration report including all gauge IDs, measured values, and verification results will be delivered.

Cross-Disciplinary Tasks:

\* **Task 1: Interface Coordination:** The structural and instrumentation teams will coordinate their work to ensure that the new handrails and instrument installations do not interfere with each other. This coordination will involve regular meetings and joint review of design drawings to minimize conflicts and ensure efficient execution.

\* **Task 2: Safety Review and Permitting:** Both Structural Engineering and Instrumentation & Controls teams will collaboratively review all design documents and ensure compliance with relevant API and EPA standards (where applicable) before submitting for required permits and approvals.

Complexity Impact Note: The project's low complexity allows for streamlined workflows and straightforward execution.

**REQUEST FOR QUOTATION**

Request for Quotation (RFQ): Drill Schneiderville Safety Compliance

**Project:** Drill Schneiderville Safety Compliance - Oil & Gas Facility Upgrade (Minor Platform Modification)

**Location:** Schneiderville Industrial Park, Schneiderville, CT

**Issuing Date:** April 9, 2025

**Response Due Date:** May 18, 2025

Project Start Date: May 7, 2025

**Project Duration:** 11 months

**Contract Type:** Fixed Price

**Scope of Work:** Upgrade an existing oil & gas processing platform with minor structural reinforcement and updated instrumentation. This includes:

- \* Structural Engineering: Handrail replacement (50m), support beam inspection & repair (10 beams).
- \* Instrumentation & Controls: Level sensor replacement (3 units), pressure gauge calibration (15 units).
- \* Cross-Disciplinary: Interface coordination, safety review & permitting. (Detailed scope in attached Appendix A)

**Qualifications:**

- \* Minimum 3 years of experience in the Oil & Gas industry.
- \* Proven track record of regulatory compliance (API, OSHA, EPA, ISA, AWS D1.1, API RP 14C, NIST).

Proposal Requirements:

- \* Technical approach (1-2 pages maximum), including design details and proposed solutions.
- \* Detailed cost breakdown.

Evaluation Criteria:

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

Submission Instructions: Submit your proposal electronically to [procurement@oil&gas.com](mailto:procurement@oil&gas.com).

**Timeline:**

- \* **RFQ Release:** April 9, 2025
- \* **Questions Due:** May 2, 2025
- \* **Proposals Due:** May 18, 2025

**Contact:** [procurement@oil&gas.com](mailto:procurement@oil&gas.com)

(Appendix A with 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.