

REQUEST FOR PROPOSAL (RFP)

Yates PLC

PROJECT OVERVIEW

Name: Refine Vincentside Safety Compliance

Type: Safety Compliance

Location: Vincentside, AZ (Refinery Zone)

Industry: Oil & Gas

Value: \$8,757,561

Complexity: 1/5

Date: April 09, 2025

Disciplines: Process Engineering, Structural Engineering

Regulations: API Standards, EPA Requirements

SCOPE OF WORK

Scope of Work: Oil & Gas Facility Minor Upgrade

Project Goal: Upgrade existing oil storage tank level instrumentation and reinforce a minor section of the supporting platform.

Discipline: Process Engineering

- Level Gauge Installation:** Design and specify the installation of a new ultrasonic level gauge on an existing 5000-barrel oil storage tank. This includes selecting a gauge compliant with API 2350 and developing a detailed instrumentation and control (I&C) diagram showing wiring, connections, and integration with the existing SCADA system. The deliverable will be a complete installation package including specifications, drawings, and a commissioning plan.
- Safety Valve Inspection & Certification:** Inspect and certify three 6-inch pressure relief valves on the oil storage tank according to API 526. This involves conducting a thorough visual inspection, pressure testing, and generating a comprehensive report documenting the condition of each valve and recommending necessary repairs or replacements. Deliverables include the inspection report and associated certification documentation.

Discipline: Structural Engineering

- Platform Reinforcement:** Design and detail the reinforcement of a 10ft x 10ft section of the existing storage tank platform using steel beams and angle iron. The design will ensure the platform can withstand an increased load of 20,000 lbs and will be conducted according to AISC standards. Deliverables include detailed structural drawings (including connection details) and associated load calculations.
- Corrosion Inspection Report:** Conduct a visual inspection of the platform steelwork for signs of corrosion, documenting findings in a report detailing the location, severity, and extent of any damage identified. This will include photographic evidence and recommendations for any necessary repair or maintenance activities, all in accordance with relevant industry best practices.

Cross-Disciplinary Tasks:

- Interface Coordination:** The process and structural engineering teams will collaborate to ensure the new level gauge installation does not interfere with the proposed platform reinforcements. This includes reviewing each other's designs and coordinating installation schedules to minimize downtime and ensure a safe working environment.
- Joint HAZOP Study:** Conduct a joint Hazard and Operability (HAZOP) study focusing on the interaction between the new level gauge system and the reinforced platform section. This collaborative effort will identify and mitigate potential hazards during installation and operation, producing a formal HAZOP report as a deliverable.

Complexity Impact Note: The project's low complexity (Level 1) is reflected in the straightforward nature of the tasks, with minimal design challenges and limited regulatory complexities.

REQUEST FOR QUOTATION

Request for Quotation (RFQ): Refine Vincentside Safety Compliance

Project: Refine Vincentside Safety Compliance ? Oil & Gas Facility Minor Upgrade

Location: Vincentside Refinery Zone, AZ

Date: April 9, 2025

Introduction: This RFQ seeks proposals for a minor upgrade project at our Vincentside refinery, focusing on improving safety and compliance. The project involves upgrading level instrumentation on an oil storage tank and reinforcing a section of the supporting platform. The project is low complexity (Level 1).

Scope of Work:

- * Process Engineering:
 - * Installation of a new ultrasonic level gauge (API 2350 compliant) on a 5000-barrel oil storage tank, including I&C diagrams and commissioning plan.
 - * Inspection and certification of three 6-inch pressure relief valves (API 526).
- * Structural Engineering:
 - * Reinforcement of a 10ft x 10ft section of the storage tank platform (AISC compliant) to withstand an increased load of 20,000 lbs.
 - * Corrosion inspection of the platform steelwork with detailed report and photographic evidence.
- * Cross-Disciplinary:
 - * Interface coordination between process and structural engineering teams.
 - * Joint HAZOP study for the new level gauge and reinforced platform.

Deliverables: Detailed designs, specifications, drawings, calculations, inspection reports, certifications, commissioning plan, and HAZOP report.

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

Proposal Requirements: A technical proposal (1-2 pages) outlining the approach and methodology, along with a detailed cost breakdown.

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

Timeline:

- * RFQ Release: April 9, 2025
- * Questions Due: April 28, 2025
- * Proposals Due: May 17, 2025
- * Project Start: May 14, 2025
- * Project Duration: 3 Months

Contract Type: Fixed Price

Submit Proposals To: procurement@oil&gas.com

CONTACT

Mrs. Jennifer Thompson, Procurement Manager

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Email: mrs.@yatesplc.com

TIMELINE

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