

Project Engineer

The Project Engineer candidate will support the H₂O Midstream pipeline engineering department. This position will collaborate with engineering, operations, financial, commercial and business development teams to lead engineering design, scope refinement, cost estimating, development of project design specifications, and support construction as needed for engineering projects.

This position requires an individual with an adequate understanding of the job function. Work is performed independently and under limited supervision. Provides solutions to a variety of technical problems of moderate scope and complexity. Frequently applies engineering and technical standards, principles, theories, concepts and techniques. Determines approach to work and is supervised based on milestones and at key deliverable junctures. Work is periodically reviewed for overall accuracy and soundness of judgment.

Essential Duties & Responsibilities:

- Pipeline hydraulics experience, including building and balancing hydraulic models
- Understand pipeline engineering fundamentals
- Utilize computer modeling and data analysis tools to aid in the evaluation, justification, and development of solutions to problems and/or opportunities
- Utilize systems, processes, and support the VP of Facilities Engineering to aid in decision-making and potential project development
- Prepare and provide schedule progress and risk reports, trending charts, and schedule analysis
- Experience with pipeline design and construction, from FEED to as-builts
- Review engineering design packages including the BOM, and provide feedback and comments to the originator
- Author RFP documents for professional services, e.g. survey, ROW and engineering (detailed design from IFR to as-builts)
- Author bid packages for pipeline and facility projects
- Responsible for material quoting, bid reconciliation and tabulation including identifying new suppliers
- Manage sub-contractors or similar professional services providers
- Interaction with and support of subcontractors, e.g. answering RFIs and approving route changes
- Responsible for project cost and schedule tracking, including building a historical database to assist with future budgeting and analysis
- Influence decisions that improve reliability and operability, reduce operating costs, and create a sustainable competitive advantage
- Provide technical support to all functional departments, as part of troubleshooting, regulatory compliance, and optimization
- Provide technical assistance for regulatory compliance, safety support, and technical training initiatives

Minimum Education & Experience:

- Bachelor's degree in engineering
- EIT or Texas PE eligibility or possess a current status of either
- Three (3) to eight (8) years of Midstream or Upstream Oil & Gas experience

Knowledge, Skills, Abilities:

- Demonstrate understanding of pipeline hydraulics including building and balancing hydraulic models
- Knowledge of pipeline engineering fundamentals
- Creative thinker who is goal oriented
- Experience with SCADA systems is an asset
- Demonstrate commitment to compliance with applicable laws and regulations, company's ethics code of conduct, and other company policies and procedures



JOB DESCRIPTION

- Respect and follow safety policies and regulations; scan the environment for objects or people who may pose a safety risk; encourage others to utilize safe and healthy work practices
- Ability to distill data into concise and easily understood concepts and recommendations
- Analytical skills and experience; ability to solve a range of straightforward problems; analyzes possible solutions using standard procedures
- Ability to apply principles of logical thinking to define problems, collect data, establish facts and draw conclusions
- Strong oral and written communication skills with the ability to communicate at all levels of the organization
- Ability to effectively handle pressures and demands of deadlines and competing priorities
- Ability to handle confidential information and material with the highest degree of professional responsibility
- Strong skills in Microsoft Office applications: Word, Excel, PowerPoint
- Ability to develop network of contacts and partners
- Strong collaboration skills in order to partner effectively across various groups and levels of the organization
- Ability to discern data inaccuracies through technical experience and knowledge
- Strong skills in writing reports and proposals

Percent of Travel: 25-50% to West Texas

Location: Houston, TX

Reports to: VP, Pipeline Engineering

H₂O Midstream is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity and expression, national origin, age, marital status, disability, veteran status, genetic information or any other basis protected under applicable discrimination law.

