

2026 Student Competition – Problem Statement

I. INTRODUCTION

Garney is the national leader in water and wastewater infrastructure. It's not just what we do, it's who we are. For more than 60 years, we've built a hard-earned reputation for our expertise, quality, and safety. We specialize in self-performing construction of pipelines, treatment facilities, pumping stations, and storage tanks, serving municipal, federal, and private clients across the country. Our exclusive focus on water and wastewater gives us unmatched experience — and we need YOUR help to win our next project.

II. PROBLEM

A local County owns and operates an existing Water Reclamation Facility (WRF) that serves the greater St. Petersburg, FL area. Components of the facility have or are close to reaching their useful life, and the County is requesting proposals for the construction of the needed upgrades to the existing facility. Due to the existing WRF being the only active facility in the area, keeping the facility online during construction is of the utmost importance. The scope of the improvements includes demolition of the existing headworks building, grit removal building, odor control treatment system, and replacement of the facilities with a new combined headworks and grit removal facility along with yard pipe modifications and site work. Your team will act on behalf of Garney to pursue the project referenced above. Additional details for the project will be provided at the time of the competition.

Your team's ability to showcase your expertise in the industry and ability to provide a quality product while ensuring the existing facility is uninterrupted during construction is paramount to winning this project.

The County is requesting the following deliverables to be able to assess your ability to complete the scope of work on this technical project:

- Project Management Organizational Chart
- Staffing Plan for The Project
- Project Approach/Sequence of Construction – How will your firm ensure the existing facility stays online during construction
- Company Safety Performance
- Price Proposal
- Review and Conformance to the Proposed Contract
- Presentation