

Welcome to the Associated Schools of Construction Region 6 & 7 Electrical Problem!

Rosendin is excited to deliver another compelling problem where our primary objective is to bring real life scenarios to the problem where students will experience elements of their work life as recent college graduates. For this year's problem the Rosendin judges will be acting as Rosendin upper management conducting a review of the Rosendin student team's project performance.

The 2027 problem will require student teams to deal with multiple different project issues and challenges throughout the day. The problems and solutions needed will be fast paced and vary in team approach to the multiple deliverables that will be issued throughout the day. The problem structure will not be centered around a single project (or project type) but rather an exercise in approach to various real world project challenges and outcomes.

Successful teams will have the ability to work through the following elements associated with an electrical contractor's scope of work with specific concentration (but not limited) to the following:

Project Finance & Cost Management

- Quantity takeoff of electrical scopes of work.
- Labor, material, equipment, and subcontractor analysis.

Contract Scope, Requirements & Obligations

- Demonstrate clear understanding of contractual requirements and specific scope of work required by an electrical contractor.

Equipment Procurement & Schedule Considerations

- Phasing, critical path, and coordination with other trades.

RFI's & Submittals

- Produce quality RFI's and complete submittal packages.

No estimating software or other non-standard software platforms will not be needed. Team presentations will be an internal project status review meeting where it will be a collaborative and dynamic team discussion "on the jobsite", with Rosendin upper management and student project teams in lieu of a stand and present with Q&A. Rosendin will not be providing a training session for this year's problem.

AI usage: Student teams are required to provide a formal statement of AI software use, intent, and specific platform prior to the competition start. *(Additional direction to come)*

