



ASC 2010 Competition

Multi-Family Problem Preview

THE COMPETITION

Morley Builders is proud to be a sponsor of the ASC student competition since its inception. The purpose of the competition is to provide students with an environment that simulates that of the real-life construction industry.

Region VII Multi-Family accurately represents the projects chosen by Morley for the competition which, although they are residential in nature, are large, multi-story, complex projects often with a mixed-use component.

THE PROBLEM

Students will experience "*A Day in the Life of a Project Engineer*," and the sections of the problem will closely mirror the actual responsibilities of a Project Engineer on a jobsite.

Teams will be required to have e-mail access and are allowed to use the internet, although no portions of the problem require it.

Instead of a formal presentation at the oral interviews where team members participate as members of a mock construction company, students will share solutions as if they were Project Engineers and the judges were members of the management team. The format of the orals will be a Team Meeting, and teams should be prepared to discuss the project in that setting.

The problem will assess the teams' understanding of key responsibilities of Project Engineers in our industry including problem solving, written and verbal communication skills, estimating, scheduling, plan reading, bid analysis, LEED, site logistics, shoring and quantity take-offs (***RS Means or similar information will be required***). Successful teams will display a thorough understanding of the project and provide well thought out solutions to issues and problems issued throughout the competition.

Each team will be provided with two sets of plans and two sets of the problem. No additional copies will be provided to your school or advisor during or after the competition.

PRE-ARRIVAL PREPARATION

Teams must provide the following at the problem distribution meeting on Thursday morning, February 11, 2010:

1. Team Roster (6 copies)
 - a. One 8½x11 sheet of paper (printed portrait orientation) with each team member's photo on the same sheet.
 - b. Passport size photo of each team member on the LEFT side of the sheet with the team member's name beneath each photo
 - c. Leave white space on the right of the photo for use of the judges
2. Resumes (1 copy)
 - a. Genuine student resumes, each with a passport size photo

COMPETITION RULES

Teams are expected to follow all the rules of the competition as provided on the ASC website.

During the student oral meetings on Friday, Morley Builders will provide an LCD projector and a laptop computer for use of the teams. The computer will be equipped with the latest versions of PowerPoint, Word and Excel, and will have a CD-drive and USB ports. Teams may bring their own laptop.

Of course, the number one rule of the competition is to have fun!