

# 2009 National Electrical Problem



The Power of Technology | People | Integrity

## ***Associated Schools of Construction Student Competition Sparks, NV | February 11-14, 2009***

### ***Problem Overview***

Student teams will be the electrical contracting companies short listed to propose and interview for a challenging new project. Students will participate as the managers and project team members of their company and present to the owner's project team for selection. The panel of judges will be an independent group of CEI managers who have not participated in the development of the problem materials.

Our primary goal will be to make this setting and interaction as "real life" as possible, very similar to the proposal and interview selections that we participate in almost every week.

### ***Problem Challenges***

Students will be challenged in the following areas of electrical contracting:

1. Prequalification
  - Company history
  - Project staffing plan
  - Recent company project experience
  - Safety record
2. Written Proposal
  - Bid form with clarifications
  - Cost estimate, plan reading/specifications
  - Schedule of values
  - Value engineering, cost management
  - Schedule, man-loaded per milestones
  - MEP Coordination
  - Contract review, modifications
  - Safety road map
3. Oral presentation
  - Team presentation, teamwork
  - Presentation materials
  - Response to questions, challenges
  - Ethics, integrity

### ***CEI Problem Goals***

1. Exposure to electrical contracting as a viable, possibly exciting career path.
2. Challenge critical thinking and problem solving.
3. Create a "real life" proposal and interview experience.
4. Demonstrate leadership and teamwork.
5. Work hard and have fun!

## Presenting Cupertino Electric, Inc.



**The Power of Technology | Integrity | People**

Cupertino Electric, Inc. (CEI) is very excited and honored to sponsor the first Electrical Problem in the Associated Schools of Construction (ASC) Student Competition. This is a great opportunity for CEI to continue our support of ASC and help diversify the educational experience of the competition by exposing students to the increasingly significant role of major special contractors and subcontractors in today's construction industry.

### ***The Power of Technology***

For over 54 years, Cupertino Electric, Inc. (CEI) has established itself as a premier provider of electrical construction and engineering solutions. We have become a leading force at all levels of project design, development, management, installation and commissioning. From constructing electrical systems for the first microchip fabrication factory and sophisticated biotech plants to delivering power reliability for mission critical facilities, this company has developed an unyielding reputation as a pioneer within its industry.

### ***The Power of Integrity***

Guided by a belief and value system established in 1954 by company founder Eugene Ravizza, CEI measures success not by dollars or recognition but by the company's strong commitment to trust, integrity, and the longevity of mutually-trusting customer, vendor, and employee relationships.

Our beliefs:

- Providing total customer satisfaction
- Conducting business in a fair, ethical, and professional manner
- Valuing our people as our most precious resource
- Supporting our community by giving our time, talent, and resources
- Providing strength, stability, and growth for our company and employees through profitability

### ***The Power of People***

CEI believes that people are its most valuable resource and aims to hire and retain the best. The company provides a positive environment and facilitates career development through training and challenging opportunities. CEI encourages employees to advance their industry education through our own CEI classroom, field training programs, outside degrees, and professional certifications; providing them with continuous opportunities to enhance their technical and management skills.

### ***Contact Information***

Mike Garner  
VP Sales – San Francisco  
1740 Cesar Chavez Street  
San Francisco, CA 94124  
(415) 970-3400

Kathy Abbott  
Human Resources Representative  
1132 North Seventh Street  
San Jose, CA 95112  
(408) 808-8000

Paul Aggarwal  
VP Estimating  
1132 North Seventh Street  
San Jose, CA 95112  
(408) 808-8000