



ASC Regions 6 & 7 CONCRETE SOLUTIONS 2012

Introduction

Sundt Construction, Inc. is proud to be sponsoring the 2012 “Concrete Solutions” ASC Student Competition problem. Welcome and thank you for your participation.

Concrete has been a leading building material for over 2,000 years. Every project involves the use of concrete in some way, and for some projects concrete is the main building material. Modern ready mixed concrete also provides remarkable flexibility in meeting the needs of challenging design and sustainability considerations. It is for this reason that we believe a concrete-based problem will be a challenging and exciting new addition to this year’s competition. The ASC Competition has done an excellent job in providing an environment for the competitors to experience life as a general contractor. This year you will have the opportunity to take a peek into the life of a concrete subcontractor.

Problem Details

Your team is a concrete subcontracting firm that will be solicited to bid on a project that we have recently been awarded. The judges will be acting as the general contractor for the project. They will be reviewing your written proposal and will request a formal interview with your company. Listed below are some items to review which will help prepare for the competition.

- The competition teams will be expected to:
 - Respond to a Request for Qualifications with a Statement of Qualifications,
 - Perform a quantitative takeoff,
 - Develop a detailed estimate,
 - Develop a construction/pour sequence schedule,
 - Recognize and address safety concerns and develop a detailed safety plan,
 - Recognize and be able to address project and ACI specification items, and

- Analyze forming systems and determine which system best fits the project scope items.
- Deliverables that we would expect to receive from the teams are as follows:
 - Statement of Qualifications to include but not limited to the following items:
 - Company expertise in regards to type of concrete scope,
 - LEED project experience,
 - Project staff résumés,
 - Other information at the team’s discretion, and
 - Detailed pre-qualification statement requirements will be distributed at a later date to the competing teams. Distribution date will allow for sufficient time to prepare your statements.
 - Takeoff /estimate sheets,
 - Written report or proposal, including any clarifications or specific exclusions,
 - Construction/pour sequence schedule and validation or feedback of provided project schedule,
 - Oral presentation.
- Scoring criteria will be broken down as follows:
 - 10 Points Statement of Qualifications,
 - 20 Points Written Proposal,
 - 30 Points Project Sequencing and Construction Schedule,
 - 35 Points Interview/Team Presentation,
 - 5 Points Creativity and value engineering options and
 - 10 Points Bonus – for Identifying the “Concrete Solution”.

Other Notable Items

Participation in this problem will be limited to the ten teams determined on a first come, first served basis.

Competing teams will have access to the internet at their team’s discretion and cost.

Please note that points will be deducted for submitting deliverables past the stated due dates (1 point for every minute late).

Trophies and cash prizes will be awarded for first, second and third place finishers.

The competition rules listed at <http://asc67.org/rules.html> will be strictly adhered to.

Timeline of Events

- Wednesday, January 11, 2012
 - We would like an opportunity to become acquainted with your team members (including alternates) and coaches prior to arriving in Reno. Please provide a simple biography of each team member. These shall contain a “head-shot” photo as well as a brief narrative of the individual’s scholastic status, industry experience and contact information. Creativity is encouraged. Points will not be awarded for this requirement.
- Wednesday, February 8, 2012
 - Events as listed in ASC Schedule of Event, which is posted on-line. This schedule is subject to change; please note posting date.
- Thursday, February 9, 2012
 - Events as listed in ASC Schedule of Events. This schedule is subject to change; please note posting date.
 - 6:00-6:30 am. Concrete Solutions Pre-Qualification statement due. To be submitted when team picks up their problem documents.
 - 6:30-7:00 am. Concrete Solutions problem materials distributed to competition teams.
 - 7:00-2:00 pm. RFI question and answers period.
 - 2:00-5:00 pm. Responses to any RFI’s issued.
 - 11:00 pm. Bid proposal and all written documentation due.
- Friday, February 10, 2012
 - 7:30 am-4:00 pm Oral Presentations. Team times posted at meeting room.
- Saturday, February 11, 2012
 - Events as listed in ASC Schedule of Events. This schedule is subject to change; please note posting date.

Conclusion

“Concrete Solutions” has been integrated into the ASC competition to allow you to have an opportunity to experience the world of subcontracting. We believe that this problem will challenge you to think in detail about what it takes to win a job in this extremely competitive market. Thank you very much for your interest and we look forward to seeing you in February!

Questions can be directed to: **Jesse McDonald**
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A Quick note to last year's competing teams

First of all thank you to all of the teams that took a chance and competed in the new problem last year. From the feedback we received we believe the competition went really well. I wanted to take a moment and follow up with something that we promised the schools last year. As you know we filmed each of the team's presentations. We had intended on sending each of the schools a copy of their presentation so that they can prepare for this year. Unfortunately the company that we hired to do the filming did not follow through with giving us back the footage and have since been unresponsive to our calls. I apologize for this inconvenience. I do however have the binders from last year's competition to return. They will be mailed to the team captains after we receive your team biographies. Please contact me for mailing instructions. Thank you.