



## 20<sup>th</sup> Annual ASC Region 1 Student Competition (2009)

### Heavy/Highway Competition

#### Project Statement

The project chosen for the 2009 Region 1 Heavy/Highway Competition will be the construction of a bridge in the metropolitan New York area. The scope will begin at and include the pile cap, bridge beams, deck, fascia, and barrier.

Schedule:

#### Friday

- 7:45 am Bid Packages Available
- 9:00 am Pre-bid Meeting
- 7:00 pm Deadline for questions
- 8:00 pm Pick up final Addendum
- 11:00 pm Bids due

#### Saturday

- 10:00 am All teams must submit their oral presentation on electronic media to the Sponsor. Presentation order will be posted.
- 10:30 am First Presentation, others to follow at 50 minute intervals. 40 minute time limit.
- 5:15 pm Project Debriefing

# 2009 Heavy/Civil ASC Student Competition

## Presentation Schedule

<i>1030</i>	<i>Team 1</i>
<i>1120</i>	<i>Team 2</i>
<i>1210</i>	<i>Team 3</i>
<i>1300</i>	<i>Team 4</i>
<i>1350</i>	<i>Team 5</i>
<i>1440</i>	<i>Team 6</i>
<i>1530</i>	<i>Team 7</i>
<i>1620</i>	<i>Team 8</i>
<i>1715</i>	<i>Debriefing</i>

**Team** \_\_\_\_\_

Item	Description	Points	Score	Specific Questions or Comments on Items
<b>1</b>	<b>Bid Proposal</b>	<b>20</b>	<b>0</b>	
	Completeness of proposal	10		ALL DELIVERABLES WITH BID.
	Variance between Contractor's Bid compared to Sponsor's Baseline Bid	10		< 5% = 10: 5% to 10% = 9: 10% to 20% = 8: 20% to 30% = 7: 40% to 50% = 6: 60% to 70% = 5: 70% to 80% = 4: 80% to 90% = 2: > 90% = 0
<b>2</b>	<b>Estimate</b>	<b>40</b>	<b>0</b>	
	Quantity takeoff (accuracy & completeness) for Bid Items Required in List of Deliverables	30		Show weights, volumes, and piece quantity for all permanent materials.
	Direct cost pricing (labor & equipment)	5		
	Direct cost pricing (material & subcontractor)	5		
<b>3</b>	<b>Construction Schedule</b>	<b>8</b>	<b>0</b>	
	Completeness	5		
	Logic analysis	3		
<b>4</b>	<b>Means &amp; Methods</b>	<b>30</b>	<b>0</b>	
	Understanding of specification requirements	5		
	Mobilization and Access	5		
	Precast Concrete Erection (including step by step written procedure)	5		
	Cast in Place Concrete (including step by step written procedure)	5		
	Proper utilization of labor & equipment	5		
	Efficiency/Creativity of approach	5		
<b>5</b>	<b>Project Overhead</b>	<b>7</b>	<b>0</b>	
	Organization chart	4		
	Overhead cost calculations	3		
<b>6</b>	<b>Questions</b>	<b>10</b>	<b>0</b>	
	Quality of RFI questions asked	5		
	Quality of Subcontractor / Vendor questions asked	5		
<b>7</b>	<b>Oral Presentation - Bid Review</b>	<b>35</b>	<b>0</b>	
	Participation by <u>Every</u> Team Member	10		
	Safety	5		Be specific as to the hazards that relate to this project.
	Schedule	5		
	Equipment selection	5		
	Means and methods	5		
	Answers to questions	5		
	<b>Total Score</b>	<b>150</b>	<b>0</b>	

General Questions or Comments
Late Proposals: 1 second to 5 minutes late -15 pts., greater than 5 minutes late -25 pts. Note: In real life your proposal would not be excepted late.