

2017 ASC Preconstruction Competition

Problem Statement

Introduction

Shawmut Design and Construction is a proud sponsor of the 2017 ASC National Preconstruction Services Competition. The objective of this competition is to allow students to gain practical experience by simulating actual industry problems. The problem will include typical services required by Clients in our industry.



Problem Premise

Student teams will pose as Construction Managers that have been solicited to submit a proposal for preconstruction services for a project located in Region 1 of the United States. The judges will act as the Owner and Owner's Representatives for the project. They will present the Request for Proposal (RFP), review the project scope, review team proposals and interview each proposing company (team.)

Competition Rules

The rules for the competition will be governed by the following:

1. All ASC rules governing the competition
2. Other rules and clarifications provided by the judges during the competition.

Scoring

The selection process consists of two components; a written proposal and an oral presentation. Scoring will be further broken down as follows:

Written Proposal (70 pts)

Schedule
Budget
Logistics
Constructability
Approach to Construction

Oral Presentation (30 pts)

Content
Public Speaking Skills/Clarity
Presentation Materials
Q&A Responses

Written Proposal Requirements

Schedule

Create a preliminary project schedule with enough detail to demonstrate the understanding of the components of the project and ability to undertake the construction to achieve completion by the owner's completion deadline.

Budget

Provide a budget breakdown that demonstrates the stated project budget can be achieved and demonstrate how that budget would be broken down into different elements (façade, structure, systems, finishes, site, etc.)

Logistics

Develop a site utilization plan that demonstrates how the site would be occupied during construction. Any phasing or incremental construction should be demonstrated.

Constructability

Review the documents for constructability and provide written comments of conflicts, interference and other potential problems.

Approach to Construction

Explain your firm's approach and/or methods of operation related to the following items:

- a. Tracking and Reporting Job Progress
- b. Method of determining a change
- c. Process to address directive by the Owner/Architect
- d. Use of contingency
- e. Method of verifying change order pricing
- f. Your firm's subcontractor bidding process
- g. Your firm's use of technology in the management of the preconstruction and construction process

Additionally, describe any special skills or experience that sets your firm apart from the competition.

Oral Presentation Requirements

Students will be expected to present their proposal at a level that demonstrates their understanding of the project and the construction process.

Presentations will be 30 minutes with a brief question and answer period to follow.