

2026 Associated Schools of Construction Northeast Region I Heavy Civil Competition

Request for Proposals (RFP)

(Problem Statement)

Introduction

Welcome and thank you for your interest in the ASC Region I Heavy Civil Competition. Skanska is proud to sponsor this year's competition. The purpose of this competition is to provide students with an opportunity to apply academic knowledge to a realistic heavy civil construction project while developing skills in estimating, scheduling, construction planning, logistics, safety, quality, risk management, and professional presentations. Participants will assume the role of a General Contractor preparing a proposal for an Owner seeking to reconstruct an existing portion of an elevated highway structure.

Problem Description

Skanska, acting as the Owner, is seeking proposals from qualified General Contractors for the demolition and reconstruction of an existing portion of an elevated highway. The project is located within a constrained urban environment with limited staging areas, restricted access routes, and adjacent third parties. Construction activities must be carefully planned and coordinated to minimize impacts to the public while maintaining a high standard of safety, quality, and efficiency.

Scope of Work

To prepare successfully for the competition, teams should be familiar with the project scope outlined below.

Structures:

- Existing structure demolition
- Structural steel rehabilitation
- Superstructure reconstruction
- Bridge substructure reconstruction
- Approach slab construction
- Misc. Roadway Finishes

The project requires detailed planning, coordination, and execution under a compressed schedule while maintaining safe and efficient operations.

Owner Priorities

Major concerns of the Owner include:

- Safety
- Schedule
- Means & Methods
- Quality
- Logistics
- Risk Management
- Cost

Teams should clearly demonstrate throughout their proposal how their approach addresses these priorities.

Competition Objective

The objective of this competition is not simply to prepare an estimate. Teams are expected to develop the safest, most efficient, and most cost-effective approach for replacing the bridge deck while managing:

- Constrained site logistics
- Bridge deck demolition
- Bridge deck reconstruction
- Heavy lift operations
- Third party coordination
- Aggressive schedule requirements

Successful teams will demonstrate technical understanding of the project and develop a realistic strategy for delivering the work safely, efficiently, and competitively.

Written Proposal Deliverables

One (1) electronic copy shall be turned in. Teams will receive project documents via Procore and RFI submissions and responses will also be through Procore. However, a flash drive, provided by Skanska will be used to submit final proposals.

Each team shall prepare and submit a complete proposal package that includes, but is not limited to the following:

- Project Understanding & Risk Assessment
- Estimate Package
- Schedule Package
- Logistics Plan
- Construction Work Plan
- Lift Plan
- Quality Plan
- Risk Register
- Executive Presentation

Evaluation

A judging panel of industry professionals will evaluate each team's proposal. Judges are looking for teams that can develop a complete project delivery strategy and clearly communicate why their approach provides the best overall value to the Owner. The scoring rubric will be available to students prior to the competition. Throughout the competition, judges will visit the teams' working rooms to observe team dynamics and professionalism. It is highly recommended that teams exercise effective time management and prioritize their efforts on items of greater point value.

Successful teams will demonstrate:

- Strong project understanding
- Accurate estimating practices
- Realistic scheduling
- Effective logistics planning
- Safe construction operations
- Practical means and methods
- Quality planning
- Risk management
- Professional communication skills

Successful teams will demonstrate full knowledge of the plans, specifications, and construction methods. They will also exhibit professionalism and strong communication skills in all aspects of the competition.

Owner's Meeting

Following submission of proposal packages, teams will participate in an Owner's Meeting. Each team will present its proposal and answer questions from the judging panel. Teams should present their

proposal as if they are pursuing a real construction project and explain why their team represents the best overall value to the Owner. The winning team will demonstrate the strongest combination of safety, quality, constructability, schedule performance, cost competitiveness, innovation, and professionalism.