

ASC 2027 Rocky Mountain Region 6 Competition Commercial Project

INTRODUCTION

Recently M. A. Mortenson Company has secured a new project. Given your experience, Mortenson's Senior Leadership Team (President, CEO, Senior Vice Presidents) would like you to manage the project. Please select 6 team members to present to Leadership your project execution plan in Sparks, NV in February 2027. Please begin preparing your project team's credentials and be prepared to submit them for the 2027 ASC Rocky Mountain Region 6 Competition Commercial Project.

The project has the potential to self-perform certain scopes of work and we are looking to secure as much self-perform work that we can to keep our labor force employed. Teams should be prepared to complete a concrete and/or a masonry take off at a minimum.

We are providing very limited information on the project's scope in this pre-problem statement. It is possible that additional information will be provided to you prior to the competition. Any additional information will be sent as an addendum and posted on the ASC site under the Pre-Problem Statement tab.

Following receipt of your Project Team's Credentials, teams should anticipate receiving additional project information between January 15th and the first day of the competition.

PREPARATION

Teams should be prepared with the knowledge to implement the following abilities, skills, etc. during the competition.

- Complete a concrete or masonry take-off as well as some interior finishes.
- Prepare a GMP estimate which includes subcontractor bid reviews and leveling
- Prepare a General Conditions Estimate as it relates to schedule and logistics
- Prepare a CPM schedule, both high-level and detailed. This can be in any software – but must be submitted in PDF format.
- Understand and create a site utilization plan
- Understand safety risks, mitigations and apply them to be site specific Provide Leadership with risk analysis as it applies to legality, contracts, safety, quality and schedule.
- Points for going “Above and Beyond” are possible, but it should be understood that the possible additional points are limited and do not exceed the amount of points possible in a single deliverable.

RULES AND CONSIDERATIONS

The teams that are the most prepared, thorough and cohesive will be selected for awards.

Each team will be required to adhere to the Region 6 ASC 2027 Competition Rules.

All teams are encouraged to submit Requests for Information (RFIs). RFI timeline for submission will be provided in the Problem Statement. RFI's are not a requirement for grading, however encouraged to clarify information. Please provide the email of the Team's Captain by 1/15/2027 to Brandon.Strohfus@mortenson.com

All document sharing, and deliverable submissions will be provided and submitted via flash drives. Mortenson will be providing the flash drives.

Artificial Intelligence

Mortenson has strict policies regarding the use of all artificial intelligence and public AI tools (i.e. ChatGPT, Google Bard, Siri, Alexa, etc.) Public AI poses a great risk to our customers and may result in disclosure of proprietary, sensitive or competitive information. It is strictly prohibited to input any project documents (drawings, specifications, Mortenson forms, etc.) into any AI software system. Project teams found to be doing so risk disqualification.

Project teams who are interested in using AI during the problem statement are required to submit the proposed software & intended use no later than 1/15/2027. Mortenson leadership has full authority to prohibit all AI use if it proves to provide competitive advantages.

Email complete list of proposed software and intended uses via email, to Brandon.Strohfus@mortenson.com

Internet is open for use to the project teams to facilitate email with Mortenson's Senior Leadership Team. Teams are discouraged from using internet to research the problem public information such as exact costs and durations are modified for the competition and not reflected online.

Deliverable Formats

The project's chosen for the competition are based from actual construction projects. If upon receiving the Problem Statement the morning of the competition it is discovered that the project is one that a Student has interned on or has specific knowledge of the project (family member on the project, etc.) that student must bring it to the attention of the judges and the alternate will likely be asked to step in.

Team computers should come with software prepared to write, receive and interact with the following file formats:

.XLSX, .PPTX, .DOCX and .PDF

All deliverables to the judges are to be in either .XLSX, .PPTX, .DOCX or .PDF formats and as indicated in the problem statement. Otherwise, they will not be scored and will receive a score of 0.

It is also advised that computers come pre-loaded with CPM Scheduling Software as a schedule will be one of the deliverables required of each team. The deliverable will need to be a PDF.

Teams would also benefit by having a take-off software on their computer such as On Screen Take-off or Bluebeam. Bluebeam will provide licenses to student teams, please visit the ASC website for more information.

Mortenson will be providing all information on flash drives and collecting deliverables and presentations on flash drives as well. Due to the history of poor internet access during the competition we will not utilize Procore or Sharepoint for anything, HOWEVER you are allowed to use the Internet for research during the competition. It is encouraged that a team come prepared with a hot spot in case the internet is not working. Additionally, during the competition Mortenson will be communicating with project teams via the Captain's phone number and/or email address.

PRESENTATION

Each competing team is not presenting to win the project. Mortenson has already been selected to build the project. Each competing team is to simply be a group of Mortenson Team Members.

The presentation duration will be dependent on the number of teams competing. Teams should plan on having 15-30 min for presenting and 5-15 minutes for Q&A. This is subject to change up to the day of the competition but will be established in the Problem Statement given the day the Problem begins. The timeline of presentations is dependent on the number of teams competing therefor Mortenson cannot give a specific duration at this time.

A large portion of the presentation grading will depend on how teams answer questions about the project. This helps the Judges understand how thoroughly a team understands the project. As you prepare for the competition, keep in mind that many previous top performers prepared by doing mock problems where they can practice answering questions and presenting.

Typically the presentations are graded on the following, scoring subject to change:

- How Teams addressed the Project Overview, Roles and Responsibilities, Estimates, Schedule and Logistics.
- Presentation Skills

- Presentation Material/Content
- Professionalism
- Clarity (did the team cover everything needed to explain the plan)
- Overall flow of the presentation
- Finish Time and Conclusion/Wrap Up (Did teams use the allotted time without going over?)
- Difficulty of Questions and the Responses
- Overall Q & A Score

POINTS BREAKDOWN

The previous years, scoring breakdown is shown below. The Mortenson judges intend to make some changes, but overall teams should focus on the below categories when preparing.

- Deliverables: 200 pts
- Presentation: 200 pts

PROJECT TEAM CREDENTIALS - DUE JANUARY 15TH, 2027.

Provide a one-page resume for each team member. Resumes should be your actual resume containing actual experience, not fabricated experience specific to the competition. All resumes to be submitted via email, to Brandon.Strohfus@mortenson.com

Additionally, in lieu of your Team's Org Chart, please provide a biography for each team member so that judges can learn more about you. Biographies should include a photo as well as your year in school, previous ASC experience (if any) and any other information you would like to share. Please combine all biographies into one PDF and ensure that there is no more than one page of information per person. All biographies to be submitted via email, to Brandon.Strohfus@mortenson.com

Again, the resumes and biographies are actual information and should not be fabricated for the competition.

Team credentials will be scored based on timely completion of deliverable, professional appearance of deliverable and completeness of deliverables.

DEADLINES:

- Provide Mortenson Leadership list of proposed (if any) uses of AI and specific software by 1/15/2027
- Emails for competition communication due by 1/15/2027
- Team Credentials submitted via email 1/15/2027

Additional Reminders/Tips for Preparing

- The cost and schedule for the project statement will be modified for the competition due to our open internet policy. Do not try to align your project deliverables with what you find online, it will not align.
- Read the due dates in this deliverable. There are points that go to your overall competition score that are due prior to the competition.
- Recently the scoring has become very close for the top teams. The difference between placing and not placing is likely in the details. Double check your work and read the Problem Statement CAREFULLY.
- Remember to focus your presentation on how you plan to execute the project. Be cautious to not spend too much time “selling” Mortenson to the competition judges. We are Mortenson. For example the Judges would rather see project specific safety references rather than listen to general Mortenson Zero Injury policies.
- Prioritize the project deliverables that have points associated. Mortenson enjoys seeing the additional effort for “extra” deliverables, but don’t let that take away from the baseline scoring.
- Judges can tell teams that are working well together. Use your preparation time to team build prior to the competition and remember this is supposed to be FUN!

