



ASC Region 6 & 7 Competition 2021

Integrated Project Problem

Clark Construction Group

2/03/2021

MEMO TO STUDENTS

For the 2021 ASC Regions 6 & 7 Integrated Project competition, you are taking the role of an Integrated Project team engaged in the construction of SDSU New Student Residence Hall, San Diego, California. Clark is the General Contractor. The project has been under construction by your team for 17 months and the contract has been established to a lump sum. Not all is going well on the project. You have a number of major open items on the Issues Resolution Log, and certain project metrics are falling short of expectations. Your Executive team has just sent you an email recapping the concerns and requesting a detailed action plan to get back on track. Your task in this competition is to develop solutions to discrete problems, and determine where the project schedule and costs are overall.

Your role is that of a project team for Clark and you are reporting to Clark Executives.

As you respond to each of the issues, be sure you coordinate all aspects of your response together.

There are also a few absolute Owner requirements to keep an eye on, so read the documents carefully.

Initially you should get familiar with the project, determine what deliverables must be in your Written Report, and organize your team to accomplish that. At 1:15 PM today in the main virtual room we will meet to conduct a question and answer session regarding the Problem Statement. All teams must send one or more representatives to this mandatory session.

Clark will be circulating around your virtual working rooms today and tomorrow to check progress and to conduct confidential discussions regarding any creative solutions you may be



considering. The purpose of these sessions is not to pre-judge your work, but rather to ensure you are moving productively forward.

Because this is a student competition, yet we are using an actual project as the basis, there will be aspects of the Problem Statement documents that are too complex and not feasible to address today. If you have any questions about this, please ask us immediately and we will clarify the important components of your Written Report.

PROBLEM STATEMENT

The Problem Statement contains all the documents you will need to solve this problem. The electronic link you have been given contains:

- Drawings
- Specifications
- Support Documents
- The email sent by Clark Executives this morning
- The Project Defined Statement of Value that helps guide Team decisions
- The Issue Resolution Log that documents and tracks action items for the Team

YOUR CHALLENGE

Your challenge in this competition is to understand project requirements, understand where the current progress is failing to meet them, develop a plan to get back in compliance with the project requirements, and communicate that effectively to the Clark judges in written format and in an interview.



COMPETITION SCHEDULE

Wednesday 2/03/2021

- 12:00 PM Team Solution Phase, Part 1 Begins
- 1:15 PM Team Reps Meet in Main Virtual Room for group Q&A
- 2:30 PM Clark begins focused meetings in each team's virtual work room.
- 9:00 PM All teams hand-in (Electronically) Written Reports (Part 1)

Thursday 2/04/2021

- 7:00 AM Team Solution Phase, Part 2 Begins
- 8:15 AM Team Reps Meet in Main Virtual Room for group Q&A
- 9:30 AM Clark begins focused meetings in each team's virtual work room.
- 2:00 PM All teams hand-in (Electronically) Written Reports (Part 2)

Friday 2/05/2021

- All team members were sent a calendar invite from Image AV indicating the Team Presentation time and the link to the Zoom Meeting room. Check your email inbox and accept the calendar invite. Enter the Team Presentation zoom room ten minutes before your presentation start time.
- 5:00 PM Project Recap by Team Leaders

Saturday 2/08/10

- 8:00 AM Job fair begins - Brazen
- Awards Ceremony

THE WRITTEN REPORT

You represent a Clark Project team building this project for SDSU.

The content of your Written Report must be internally coordinated so that all parts support each other. For example, your budget must support the statements you make regarding staffing, design, schedule, and sustainability. You can expect the judges to question this area closely. Look for inconsistencies across and between all sections and resolve them prior to submission.

Focus your Written Report on a simple yet professional appearance, in terms of neat work, proper grammar and spelling, logical organization and consistent appearance of aspects such as font. Make it easy for the judges to find what they are looking for in your proposal (**Include Electronic Tabs**). The content must be clearly and concisely communicative of your ideas and intent. Don't make it hard for the judges to figure out what you are saying. Don't leave the judges guessing as to your plans, or worse, leave the impression that you have no plan to address some particular important point mentioned in the Problem Statement.



Please organize your Written Report as follows:

- Cover sheet - ensure your school name is on it somewhere
- Cover letter - concise, and never more than one page
- Table of contents
- IR Log solutions

These sections may be in some cases concise and brief, but some may be fairly complex and sub-divided as necessary for clarity.

Please provide one copy electronically **Please organize the electronic file as a single PDF with electronic bookmarks to allow the judges to quickly move to each of the sections.**

Remember, your Written Report is a formal submission to Clark Executives, showing how you will resolve the remaining open problems as represented in the IRL. Please do not add superfluous materials that do not directly support the key elements of response. Please do not include any “boilerplate” materials pre-prepared by your team back at school, such as safety plans or QC programs. All materials in your Written Report should be original content developed at this competition in response to the Problem Statement. Trust me, we can tell.

The Written Reports will be scored by Clark judges in advance of the Interviews on Friday, and must stand alone as a complete written solution to the competition problem. This is a Construction Management competition. You will be judged on your decisions of how to approach the project problems and project management aspects of the project, and we will be looking to see if all aspects of your Written Report are coordinated together and with the Problem Statement requirements.

THE INTERVIEW

In the Interview portion of the competition on Friday, your team will continue in your role as a project team meeting with your bosses, for the purpose of reviewing and clarifying your responses. The focus will be on communication and your ability to convince the Judges that your team understood the problems in the IRL, as well as the constraints and opportunities present, and that you have a solution to competently deal with them. In particular, you should expect pointed questioning relative to your proposed solutions.

As with the Written Report, the focus of the Oral Interview should be on content not form, but your team members should maintain a professional demeanor. The judges will expect to see substantial participation by all team members. Supporting materials such as PowerPoint or



charts are not required during your Oral Interview and could even be distracting, but may be employed at your discretion if you feel such materials will help you achieve your goals. ASC has provided an invite for Friday. As for content however, Written Reports must stand on their own, as delivered to the judges the night before. For this reason, no supplemental or revised Report sections will be accepted by the judges on Friday. Any supporting materials your team intends to use during your Oral Interview must be part of the deliverables. No other materials will be allowed to be employed in your interview other than those submitted at the deadlines. The judges will have their copies of your Written Report with them for reference.

Your Oral Interview will last a total of 25 minutes, and we expect the format to be approximately as follows:

- Setup and Introductions: 3 minutes
- Presentation, Question & Answer: 20 minutes (approximately)
- Wrap Up: 2 minutes

As your Oral Interview time begins, do not attempt to explain your entire Written Report – there is not enough time nor the need to do that. Rather, use your brief time to draw the judges to the most important points of your Written Report, and how it works to respond optimally to the requirements and desires of the Problem Statement. The oral interview will be primarily a question and answer session.

In the Oral Interview you will be scored on your timeliness, preparation, organization, professionalism, participation of team members, knowledge of the material, consistency of message, and communication effectiveness. Your Written Report will have already been scored for content.

Clark wishes good luck to all of our teams!