

2019 ASC National Competition

Preconstruction Services



WELCOME ABOARD!

Weeks Marine, Inc. is proud to sponsor the 2019 ASC Pre-con competition. We would like to thank all the students and faculty for joining us this year in the first heavy civil based pre-con competition. This year's objective is to give the students experience and knowledge on project start-up. This will take you through the typical estimating information hand-off, scheduling, work planning and, of course, owner changes.

SETTING THE STAGE

Your company has just been awarded the IMTT Pier 6 Deck Rehabilitation Phase I. Estimating has put together a hand-off packet of project specific information. This includes, but not limited to, scope of work, cost, potential issues, & construction logistics on how it was bid. Now that this project is in the hands of the experienced project team, it is time to get down to the details and start planning.

The student teams will take the role as the project team assigned to IMTT Pier 6 and the judges will act as your company's management. The goal is to present a clear understanding of how the project will be executed for presentation to your management team at the internal start-up meeting. Although some logistics were provided in the hand-off packet, don't be afraid to take a closer look at the project to potentially determine better ways to complete this project on time and under budget.

Special note: The handoff meeting package may suggest to the project team to make decisions or do particular tasks. These are not required of you for this competition. You will only be graded on what is outlined below.

ATTACHMENTS

- 00 Hand-off meeting packet
- 01 Contract Drawings
- 02 Specifications
- 03 Addenda 1 & 2 (Pre-bid changes)
- 04 Pictures
- 05 AutoCad
- 06 Crane Load Charts
- 07 Site Utilization Plan

Retrieve all documents at:

<http://ftp.weeksmarine.com>

User Name: CtrnUser52

Password: 21vQwG2D



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SCORING

- Schedule (30 pts)
- Logistics & Work Planning (50 pts)
- Presentation (20 pts)

See attached scoring sheet for total breakdown

DELIVERABLES

1. Schedule

Develop a comprehensive schedule that depicts the project from start to completion. The schedule should include:

- a. Critical Path items identified
- b. Proposed activity sequences and durations
- c. Preparation and processing of shop drawing and submittals
- d. Delivery of materials and equipment by means of water. (Tip: Materials will be delivered to company yard by trucks then unloaded & stage on barges for towing to site.)

2. Logistics/Work Planning

Develop means & methods for all portions of the work. Don't forget to think about worker access and barge moves. Items required include:

- a. Overall Logistics Plan
- b. Demolition/Phasing work plans
- c. Pile Driving work plan for catwalk and mooring piles
- d. Framing work plan
- e. Encapsulation work plan

*What's the difference? **Work plans** should explain (using words, drawings, or both) the step by step process while the **overall logistics plan** is a combined summary of each work plan (explaining means and methods) in correlation to each other (aka sequencing).*

3. Presentation with Q&A

Your project team will present their planning efforts to management at the start-up meeting. Presentation will be 30 minutes with Q&A. Presentation should cover:

- a. Project sequencing
- b. Means and Methods
- c. Potential risks & mitigations



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QUESTIONS

1. First round of questions will be accepted until 10/11/19. These questions can be based on project specifics or just general clarification on what Week Marine, as the judges, are looking for. Responses will be given prior to the competition date.
Submissions can be sent to alewis@weeksmarine.com.
2. There will be a second round of questioning offered during the competition. Time this round will need to be submitted by will be given during the competition.

To receive responses to all questions or be informed of any updates/changes to the competition, please have 1 team member from each school email the address above before 10/11/19. This will be used as our knowledge of the schools participating this year in the ASC Pre-Con competition.

REMEMBER TO HAVE FUN!



