



REQUEST FOR PROPOSAL

Architectural | Engineering | Construction Services
for the design of New Facilities and/or
Rehabilitation of Existing Buildings under a common theme of
“Responsible Progress”

1. Purpose:

The ACE San Diego Chapter Board of Directors is soliciting San Diego ACE schools to identify a site of their choice within San Diego County and develop a design that is reflective of the project theme.

2. Project Theme:

The 2022-2023 San Diego ACE Project Theme is “Responsible Progress”.

The A/C/E industry has a profound effect upon the “natural” environment and the “built” environment. What do you believe can be done to minimize our environmental impact? Incorporate elements into your project that address issues of sustainability, climate change, Net-Zero energy consumption, or the incorporation/preservation of nature into your project’s design.

You might consider concepts or topics such as: project scale and its relationship to the human scale; the pros/cons of renovating versus building new; recycling construction waste, understanding and applying some portions of existing certification processes such as LEED or WELL; “carbon-neutrality”; “passive” heating / cooling systems or other energy efficient systems.

3. Deliverables:

3.1 Project Boards

Provide at least two (2) 24"x36" or 30"x42" mounted presentation boards. Presentation materials should include a minimum of one item from each category below and a short narrative on how the Project Theme was incorporated. Additional presentation boards or supplemental documents may be submitted as needed to cover the categories.

Category A: Architectural	Category B: Engineering	Category C: Construction
a. Building Model <i>(can be Digital or Physical)</i>	a. Civil Site Plan	a. Project Schedule
b. Architectural Floor Plans	b. Structural Framing Plan	b. Project Budget
c. Building Rendering	c. Mechanical Plan	c. Site Logistics Plan
d. Building Elevation	d. Plumbing Plan	
e. Exterior & Interior Finishes	e. Electrical Plan	
	f. Landscape Plan	



3.2 Digital Presentation

Prepare (1) digital presentation in Power Point or other pre-approved web-hosted platform. The presentation should be no longer than 10 minutes in length.

- Maximum number of slides: 10
- Clearly address how the Project Theme was incorporated
- Suggestions for slide content: graphics to convey your story, not text to be read

3.3 Digital Files

The following information will be used to produce presentation materials for the ACE Student Showcase. Please provide the following in digital format:

- Project Name
- Project Description (40 words max.)
- Team Photo
- 10 photos or digital files of your team and your project (ie, the team working on that project at meetings throughout the year, field trip photos, photos of the project model, etc)

4. Project Submission:

4.1 Deadline

All deliverables are due to your team leader and teacher liaison no later than one week prior to the ACE Student Showcase.

4.2 Questions

All questions regarding this project request should be directed to your ACE Team Leader. Team Leaders may address questions to the ACE Mentor Board of Directors.

5. Student Exhibition:

5.1 Format

The ACE Student Showcase, will be held at San Diego State University in May

- All schools will be assigned a display area to showcase their deliverables
- All schools will have 10 minutes to present their digital presentations, followed by a 5 minute Q&A session.

5.2 Display Area

The ACE Events Committee will provide the following at each display area:

- One (1) standard size folding table.
- Two (2) easels.
- One (1) 110 volt power strip.

ACE Mentor San Diego

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