



REQUEST FOR PROPOSAL

Architectural Construction and Engineering Services
for the design of New Facilities or
Rehabilitation of Existing Buildings under a common theme of
“Housing: the Keystone to a Brighter Future”

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 2023-2024 San Diego ACE Project Theme is “Housing: the Keystone to a Brighter Future”.

The Architectural, Construction and Engineering Industries are heavily rooted in a historical practice that aims to improve life (and *quality* of life) for all. In just the past decade, there are noticeable and tangible disparities related to housing that are a result of multiple social, economic and governmental factors that have impacted the quantity and manner in which housing is developed. San Diego (and many other metropolitan areas) are considered to be experiencing a housing “crisis”. As such, it is clear that there are many challenges as it concerns housing and homelessness, but therefore there are equally many OPPORTUNITIES.

Teams are encouraged to examine these possibilities and to explore and implement designs and construction processes aimed at rapidly resolving the crisis at hand. An example: identify an underserved group and design housing that meets their specific needs (such as homeless youth; young adults graduating from foster care; recent immigrants or refugees; low income families; elders needing assistance to live independently, etc) Your project is not required to be a Housing-Only project. You may consider mixed-use approaches or another facility type that includes a housing component or some other element that supports housing. Consider not only how these challenges can be resolved by Architectural Design, but how the method or approach of the Construction of the project can also meaningfully contribute to solving the housing challenges.

3. Deliverables:

This year we are suggesting that every team begins with a diligent research phase. Identify and seek out 3-5 separate sources of factual information to begin to inform your approach to this RFP. Organize and write a summary page of the information, cite your resources in a bibliography, and use this as a “guideline” for the duration of the project. Consider this initial summary to be your primary principle that acts as your team’s guiding beacon on “why” you are doing this project.



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> b. Architectural Floor Plans c. Building Rendering d. Building Elevation e. Exterior & Interior Finishes	a. Civil Site Plan b. Structural Framing Plan c. Mechanical Plan d. Plumbing Plan e. Electrical Plan f. Landscape Plan	a. Project Schedule b. Project Budget c. Site Logistics 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: N/A (10 minute time limit is the constraint)
- Clearly address how the Project Theme has been 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.

ACE Mentor San Diego

PO Box 178681 | San Diego, CA 92177 | 619.642.2012 | info@acementorsd.org | www.acementorsd.org
 ACE Mentor is a 501(c) 3 organization | IRS EIN# 201181138



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.