

November 21, 2014

To all registered teams and teams planning to participate

RE: Associated Schools of Construction - Student Competition
Open Problem Statement – Sustainable Building & LEED
Request for Prequalification Statement – Due 2pm PST, January 19, 2015

Congratulations! Your Team has been selected to participate in the Sustainable Building & LEED problem statement at the Associated Schools of Construction Student Competition. This year's project is of a transit center in a major US city. Skanska is representing the Owner of this project during this competition.

Skanska requests a response in two parts to complete the competition. The first part is an initial Prequalification Statement and the second part is the Problem Statement and Oral presentation in Sparks, NV.

Prequalification Statement (5 Points)

The Prequalification Statement shall be based on actual resumes and experiences of the individuals on the project team. The prequalification shall include, at the minimum, the following information:

- ✓ Cover letter and introduction
- ✓ Main contact person and email address for all electronic correspondence, notifications and other instructions. Note: it is anticipated that some instructions will be provided over the holiday break.
- ✓ List of your team members. Include their role on the competition team, LEED accreditation and training, Living Building Challenge training and knowledge and each individual's information in form of a résumé.
- ✓ List your team's green achievements, applicable work or school experience, and any other sustainable awards of note.
- ✓ Provide your team's approach to the solution of the problem statements to be provided and the value that each member of your team brings to overall project.

Problem Statement Solution and Oral Presentation (95 Points)

The second part of the Project Statement will be provided at the Sparks competition location. Following attendance at the pre-proposal problem statement meeting, the Problem Statement will be issued and will require all proposal teams to be versed in the following:

- LEED-BD&C 2009
- LEED-BD&Cv4
- Development and implementation of the LEED Scorecard
- Living Building Challenge, www.ilbi.org
- General understanding of construction documents.
- Calculation of energy costs and payback analysis of alternative energy systems, including incentive programs and restrictions.
- Evaluation, calculation and feasibility of the following during construction and operation: water usage, efficiency and reduction methods; wastewater generation and disposal; and stormwater pollution prevention.
- Means and methods of civil and structural construction and temporary works and supports.
- Evaluation and calculation of life cycle analysis as it pertains to sustainability.
- Understanding, evaluation and calculation of aspects of Site Sustainability and a construction project's affect on the ecosystem.
- Understanding of sustainable material sourcing, bid reviews and evaluation.
- Understanding of carbon imbedded in a system or process.
- Development and approval of innovation credits.
- Other related subjects and scopes pertaining to larger issues of Sustainability.

Format Requirements – Prequalification Statement

In keeping with sustainable practices, all proposers will provide an electronic submission of the Prequalification Statement. Email attachments are the only acceptable means of submission materials. All electronic submissions must be in the form of a PDF, MS Imaging file, JPG, TIF or other electronic format. PDF is the preferred file format for submission.

The following proposal format must be adhered to:

1. 12-point Times New Roman font
2. 1-1/4" border around all documents, left justified
3. All text single spaced
4. Maximum submission of 20 pages, including cover letter, resumes, schedules or other documentation necessary to support your submission.

General Requirements

All Teams must come prepared to the Problem Statement event with the following materials in order to complete a first rate submission:

- LEED (2009) Green Building Design and Construction Reference Guides or online equivalent.
- LEED (v4) LEED Reference Guide for Building Design and Construction
- Living Building Challenge Standard.
- Means Construction Cost Data, current edition.
- Construction take-off software or calculator.
- Financial analysis software or calculator.
- Use of the internet is allowed and may be necessary during the competition.
- Any other materials the team deems necessary to finish their submission. (i.e. computers, scanners, wireless access equipment etc.)
- Means Green Building: Cost Planning and Cost Estimating Reference Manual current edition. (recommended; not required)
- Membership authorization to www.USGBC.org to provide access to CIR's and other reference materials (recommended; not required).
- Living Building Community Subscription, www.ilbi.org, to provide access to additional reference materials (recommended; not required).

Teams will be provided with the project-specific materials necessary to complete their problem responses at the competition location.

In preparation for the competition, the selection committee requests that your team submit the Prequalification Statement detailed above **by January 19, 2015**, 2 pm Pacific Standard Time to ASC2015@skanska.com. It is important to note that this statement is considered part of your overall selection criteria and is a part of the scoring for the Problem Statement. Failure to submit this Prequalification **will not** disqualify your team from further participation.

Skanska looks forward to your response on January 19, and the competition in February 2015.

Sincerely,



Anthony Spinelli
Project Manager