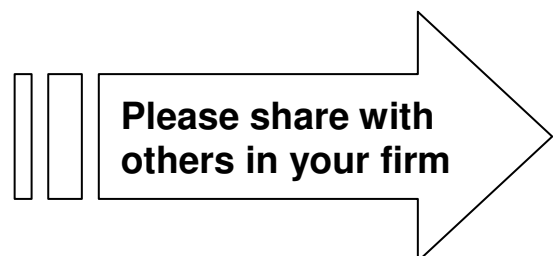




AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Iowa

Call To Excellence

Engineering Excellence
Awards – **2011**



Call to Excellence

The overall goal of the Engineering Excellence Awards program remains the same: to recognize outstanding engineering achievements in Iowa, and to provide an opportunity for recognition for your firm, your employees and your clients.

However, thanks to input from our members, we have implemented a number of changes. Entries will compete in five project categories, with the addition of an Energy Production category (see Categories of Entry). Also, to correlate with ACEC national competition requirements, the percentages under Criteria for Judging shown below have been adjusted to match.

Winners and their clients will be honored at an **awards banquet** on the evening of **May 5, 2011 in Des Moines** at the American Council of Engineering Companies of Iowa's annual meeting.

Criteria for Judging

Entries will be judged on the criteria below. (See Attachment E for more details.)

- Original or Innovative Application of New or Existing Techniques..... 20%
- Future Value to the Engineering Profession & Perception by the Public..... 20%
- Social, Economic, and Sustainable Design Considerations 20%
- Complexity..... 20%
- Exceeding Client/Owner Needs..... 20%

Total: 100%

Eligibility and Entry Deadlines

Projects may have been executed anywhere in the world. The entering firm must have an office in Iowa, but does not have to be a member of ACEC/Iowa. ~ Studies (submitted under Category D. Special Projects) must have been publicly disclosed by the client between **November 1, 2008** and **October 31, 2010**. Construction of all other projects must have been substantially completed and ready for use between **November 1, 2008** and **October 31, 2010**.

Deadlines:

- September 27, 2010** Submit the Intent to Enter form – Attachment D
- November 8, 2010** Submit Entry Form with Project Notebooks, Project CD-ROM, and Entry Fee – See Attachments A, B, C & E
- November 29, 2010** Notification of ACEC/Iowa Winners *(Call ACEC/Iowa if interested in national entry)*
- January 7, 2011** ACEC national competition entry deadline *(www.acec.org/awards/eea.cfm)*
- April 1, 2011** ACEC Awards Gala, Washington, DC *(Honoring national entries)*
- May 5, 2011** ACEC/Iowa Annual Meeting Awards Banquet *(Honoring Iowa entries)*

Categories of Entry

Applicants will identify the category in which their project belongs, but judges will have the prerogative of moving the entry to a more appropriate category if necessary. All entries will be judged in one of the following five categories, regardless of firm size or budget size. – *Please put both the Category and the specific bulleted sub-category on the Intent to Enter Form (Attachment D). List only the main Category on Attachment A.*

<u>A. Transportation</u>	<u>B. Water & Wastewater</u>	<u>C. Buildings & Systems</u>	<u>D. Special Projects</u>	<u>E. Energy Production</u>
<ul style="list-style-type: none">• Railroads• Highways• Airports• Marine• Public transit• Freight• Intermodal facilities• Bridges	<ul style="list-style-type: none">• Water supply/distribution/treatment• Wastewater collection/treatment & disposal• Industrial waste• Residuals Management	<ul style="list-style-type: none">• Acoustics• Buildings• Communications• Computer Technology• Energy conservation• Foundations• Industrial processes/materials handling• Software systems• Sports facilities• Towers	<ul style="list-style-type: none">• Air quality• Dams• Erosion control• Hazardous waste• Hydraulics & hydrology• Irrigation• Noise• Recreational facilities• Site development• Studies• Solid waste• Storm water management• Trails	<ul style="list-style-type: none">• Alternative energy• Oil• Gas• Nuclear• Coal• Energy distribution

Awards to be Presented

If sufficient entries are received, the following awards will be presented:

1. A single Grand Conceptor Award will be presented to the one project that stands out above all the other entries, regardless of project category.
2. A Grand Place Award will be presented to at least one project in all five categories.
3. An Honor Award will be presented to at least one project in all five categories.
4. An Engineering Achievement Award will be presented to as many entries in each category as determined by the judges.

Both the consulting engineering firm and their owner/client will receive awards. Plaques for the Grand Conceptor Award, Grand Place Awards and Honor Awards will be presented at the ACEC/Iowa Awards Banquet on **May 5, 2011**. Engineering Achievement Awards are announced at the Awards Banquet, and awardees present may pick up their Engineering Achievement Award certificates.

Firms may purchase additional plaques for themselves or their clients by contacting the ACEC/Iowa office. Additional award certificates may also be obtained.

Notification of Winners

All award winners will be notified by **November 29, 2010**. Winners will be given the opportunity to invite their employees and clients to attend the Awards Banquet that will be held on the evening of **May 5, 2011** at the American Council of Engineering Companies of Iowa's annual meeting. Banquet RSVP forms are sent along with the awards notifications.

Note: Firms are responsible for inviting client representatives to the Banquet, and for paying their meal costs. The Iowa Ethics and Campaign Disclosure Board has advised ACEC/Iowa this type expenditure is allowed under Iowa law for public officials attending an award ceremony. Public officials attending the award ceremony will be given an opportunity to comment on the project.

To Enter

To participate in the Engineering Excellence Awards competition, entrants must submit the items below. **See Entry Requirements (Attachment B) for specifics.**

1. Submit the **Intent to Enter form (Attachment D)**. Please include both the project's main Category and the specific bulleted sub-category where the project best belongs. Note: Returning this form does not obligate a firm to enter. The purpose is to help ACEC/Iowa select appropriate judges for the competition based on the types of projects mentioned. **The Intent to Enter form must be received back at ACEC/Iowa by September 27, 2010.**
2. Submit **three Project Notebooks** meeting the specifications listed in the Entry Requirements (Attachment B). Notebooks must include a completed Entry Form (Attachment A) and a signed Client Release Letter (Attachment C), along with photographs and/or graphics with captions, and various written descriptions of the project.
3. Submit a **Project CD-ROM** meeting the specifications listed in the Entry Requirements (Attachment B). The CD-ROM is to include project images with captions, the project press release, and media list (optional).
4. Submit payment of the **Entry Fee** of **\$175** for ACEC/Iowa members, or **\$325** for non-members.

The completed Project Notebooks, Project CD-ROM and Entry Fee (Items 2 through 4 above) must be **RECEIVED by 5:00 pm at ACEC/Iowa **by Monday, November 8, 2010**.**

Entry Form

Attachment A

American Council of Engineering Companies of Iowa
2011 Engineering Excellence Awards

To be **RECEIVED** by
November 8, 2010

***Ship Entries to:** ACEC/Iowa *(To arrive by 5:00 pm on November 8, 2010)*
100 Court Avenue, Suite 203
Des Moines, IA 50309

Entry Checklist:

- Enclosed are the **three Project Notebooks**
- Enclosed is the **Project CD-ROM**
- Enclosed is the **Entry Fee** check payable to ACEC/Iowa in the amount of **\$175 for ACEC/Iowa members, or \$325 for non-members**

Firm Name: _____

Project Contact Person *(Use PE suffix if applicable):* _____

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

Email: _____

Project Title: _____

Location of Project: _____

Owner/Client Name: _____

Owner/Client Address: _____

City/State/Zip: _____

Other Consultants: _____

Check the Category of Entry below. See the listing on Page 3 of this flyer for more specifics. All entries will be judged in one of the following five categories, regardless of firm size or budget size. Judges have the prerogative of changing an entry's category to a more appropriate one if necessary. *(Sub-category not needed here.)*

- A. Transportation**
- B. Water or Wastewater**
- C. Buildings and Systems**
- D. Special Projects**
- E. Energy Production**

Entry Requirements

Attachment B

Projects may have been executed anywhere in the world. The entering firm must have an office in Iowa, but does not have to be a member of ACEC/Iowa. ~ Studies (submitted under Category D. Special Projects) must have been publicly disclosed by the client between **November 1, 2008** and **October 31, 2010**. Construction of all other projects must have been substantially completed and ready for use between **November 1, 2008** and **October 31, 2010**.

The following items **must** be submitted for all entries. All items **must** be **RECEIVED** by **November 8, 2010**.

I PROJECT NOTEBOOKS: Each entry must include **three identical Project Notebooks** containing the following sections **in the sequence shown below**. Only notebooks will be considered. No display boards will be reviewed.

1. A completed ACEC/Iowa **Entry Form** (Attachment A)
2. A signed **Client Release Letter** (Attachment C) – Photocopies are acceptable.
3. **Project Photographs or Graphics:** Please provide up to eight different photographs and/or graphics with captions, to give an initial overview of the project. (*Section I-3 images and captions must also be submitted on the Project CD-ROM. See Section II requirements below.*)
4. **Written documentation of Sections I-4a. through I-4i. below.** – Note: Each of the following sections must begin on a separate page with identifying headlines. Each should not exceed 500 words, and each may include up to eight photographs and/or graphics with captions. (*Section I-4a. through I-4i. images and captions do not have to include those submitted in Section I-3 above, but they may.*)
 - a. Project description
 - b. Role of your firm in the project
 - c. Role of other engineers or architects
 - d. Description of how your project addresses Judging Criteria A. (see Attachment E)
 - e. Description of how your project addresses Judging Criteria B. (see Attachment E)
 - f. Description of how your project addresses Judging Criteria C. (see Attachment E)
 - g. Description of how your project addresses Judging Criteria D. (see Attachment E)
 - h. Description of how your project addresses Judging Criteria E. (see Attachment E)
 - i. Project press release, which should not exceed 500 words. Clearly and concisely describe the project, your firm's role in the project, and focus on the five factors listed in the Judging Criteria (see Attachment E). Include the value of the project to the community and identify the number of people served, cost savings, etc. – Notes: Write the press release for a non-engineer audience. Award specifics will be added by ACEC/Iowa once final results are available. ~ ACEC/Iowa sends out press releases the day after the awards are officially presented at the banquet. (*Include your press release on the Project CD-ROM, even if you prefer sending it out yourselves. See below.*)

II PROJECT CD-ROM: Each entry must include a CD-ROM formatted to be readable on any Windows PC, and **labeled with the firm name and project name**. Only **one** CD-ROM is needed per project. It is for ACEC/Iowa use. The judges will not see your CD-ROM. ~ **Include the files listed below:**

1. Include the **project photos and graphics** from Section I-3 above only. (*Do not include Sec. I-4a. – I-4i. images.*) Name the files Image 1, Image 2, etc. These overview images should be of high enough resolution so they may be shown in a PowerPoint presentation at the awards banquet, and for possible publication in *The EXPONENT*. Image file formats can be .jpg, .tif, .pdf, or any combination thereof.
2. Include a single file in Microsoft Word or similar text format with the **captions for the images**. List the name of each image file as it appears on the CD-ROM, then its caption. A thumbnail of the image is helpful but not required.
3. Include the Section I-4i. **project press release** in Microsoft Word or other similar text format.
4. **Optional:** If you would like ACEC/Iowa to send press releases on behalf of your firm, include your **media list**. It **must** be formatted as a **database table** in Microsoft Excel or other delimited format with a header row. Include a separate row for each Company, and separate columns for Company Name, contact's First and Last Name (if known), Address, City, State, Zip, etc. ****We now require both postal and email addresses, but you may include columns for other information as well, such as Phone for example.** (*A printout of the media list is not needed in the Project Notebooks.*)

III ENTRY FEE: Enclose a check payable to ACEC/Iowa in the amount of **\$175** for ACEC/Iowa member firms, or **\$325** for non-member firms.

Call Gigi Oerter at ACEC/Iowa at 515-284-7055 with any questions.

Attachment C

Client Release Letter

A signed Client's Release Letter must be included in the notebooks for each project entered. Photocopies are acceptable. Retain the original letter for your records.

Suggested wording for this letter is shown below:

"As client (owner), I (we) believe the work of (name of firm) meets the intended uses and expectations of the project. I (we) hereby grant permission to enter this project in the American Council of Engineering Companies of Iowa's 2011 Engineering Excellence Awards competition. I (we) authorize publication of its outstanding features, unique aspects or innovations, and confirm that the project was substantially completed and ready for use between November 1, 2008 and October 31, 2010."

Intent to Enter

Attachment D

Please return this form by **September 27, 2010**

To help us better select judges for the entries, please let us know if you intend to enter a project, and what type of project you are considering. Please submit a separate "Intent to Enter" form for each project your firm may enter.

Returning this form does not obligate you to enter

Firm Name: _____

Project Contact Person: _____

Address: _____

City/State/Zip: _____

Phone: _____ **Fax:** _____

E-mail: _____

Category of Entry

Please check the appropriate Project Category below and write in the specific bulleted sub-category from the Category of Entry listing on Page 3 of this flyer (i.e., Highway, Bridge, Water Supply, Buildings, Communications, Hazardous Waste, Solid Waste, etc.)

A. Transportation: _____

B. Water and Wastewater: _____

C. Buildings and Systems: _____

D. Special Projects: _____

E. Energy Production: _____

Please fax or email **by September 27, 2010** to:

American Council of Engineering Companies of Iowa

100 Court Avenue, Suite 203 ~ Des Moines, IA 50309

Fax: 515-284-7301 ~ Email: info@cec-iowa.org ~ Phone: 515-284-7055

Definition of Judging Criteria

A. Original or Innovative Application of New or Existing Techniques (20%):

1. Does the entry demonstrate use of a new science or a breakthrough in the general knowledge of engineering?
2. Does the entry represent a unique application of different technology, techniques, materials or equipment?

B. Future Value to the Engineering Profession and Perception by the Public (20%):

1. Will the entry redefine current engineering thinking?
2. Does the entry advance a positive public image of engineering excellence?

C. Social, Economic, and Sustainable Design Considerations (20%):

1. Do the solutions identified produce secondary benefits of value to the community environment?
2. Does the entrant's approach provide society with social, economic, or sustainable development benefits?
3. Is the public's health, safety or welfare significantly improved as a result of the entrant's, and/or affected environment's, contribution to this project?

D. Complexity (20%):

1. Did the entry successfully address very complex criteria or unique problems?
2. Were extraordinary problems of site, location, hazardous conditions, project requirements or similar elements present?
3. Did the entry require the use of out-of-the-ordinary technology or ingenuity for achievement of projects' goals?

E. Exceeding Client/Owner Needs (20%):

1. Did the engineer or entrant successfully engage the client/owner in the overall project development process?
2. Is it an economical and cost-effective solution?
3. How did final cost relate to original budget estimate?
4. How closely does the entrant's solution meet the total goals of the client/owner?
5. Did the entrant meet the client's time schedule?