2020 Engineering Excellence Awards

CALL FOR ENTRIES
Each year the American Council of Engineering Companies (ACEC) of Idaho sponsors the Idaho Engineering Excellence Awards Competition. This competition is open to all engineering or surveying firms, whether or not they are a member of ACEC of Idaho. The competition is to give public recognition to those engineering achievements that demonstrate a high degree of merit and ingenuity, and that provide a major contribution to technical, economic, and social advancement.

Please take time to review your projects, or those projects completed by others that you feel are worthy of entering for this competition. EEA entries are accepted into one of 12 project categories: studies, research, and consulting engineering services; building/technology systems; structural systems; surveying and mapping technology; environmental; waste and storm water; water resources; transportation; special projects; small projects; energy; and industrial and manufacturing processes and facilities.

Non-member firms may participate in this competition, which the ACEC of Idaho sponsors and through which entries must be submitted to ACEC for the national competition (national deadline is January 3, 2020)

Achieving National Recognition

The American Council of Engineering Companies’ annual Engineering Excellence Awards (EEA) competition recognizes engineering firms for projects that demonstrate an exceptional degree of innovation, complexity, achievement and value.

Projects from all across the world are rated on the basis of: uniqueness and/or innovative application of new or existing techniques; future value to, and enhancing public awareness/enthusiasm for the engineering profession; social, economic, and sustainable development considerations; complexity; and successful fulfillment of client/owner’s needs, including schedule and budget.

Engineering Excellence is the cornerstone for enhanced business opportunities. ACEC’s 2020 EEA’s provides firms with local and national recognition and a platform to showcase their talent and expertise in a dramatic setting. A luncheon will be held on Monday, April 13, 2020 to recognize Idaho winners.

ACEC’s 2020 Engineering Excellence Awards competition showcases the year’s best engineering achievements to a national audience of clients’ industry leaders and decision-makers. All National Recognition Award Winners are recognized, and the top 36 winning projects are highlighted at the annual EEA Gala, the black-tie event known as the ‘Academy Awards’ of the engineering industry. This event will be held on Tuesday, April 28, 2020, at the Washington Marriott Wardman Park in Washington, D.C.
2020 Idaho Engineering Excellence Competition

**ELIGIBILITY:** Any engineering or surveying firm is eligible to enter the awards program, regardless of whether the firm is an ACEC of Idaho member.

**GENERAL CRITERIA:**

1. Both member and non-member firm entries must be submitted to ACEC of Idaho by December 2, 2019 to be eligible for the ACEC national competition.

Projects entered in this competition must have been “designed” in Idaho. Research and Studies (Category A) or Surveying and Mapping (Category D) must have been publicly disclosed by the client between November 1, 2017 and October 31, 2019. Construction of projects (Categories B through L – with the exception of D) must have been substantially completed and ready for use between November 1, 2017 and October 31, 2019.

The entering firm must select the one category which is most appropriate. A project may be entered only once in any category. However, after a project entered in Category A has been constructed, it may be entered in a different category – B through L – in the year when eligible.

Each entry must consist of three components:

I. **Electronic Entry (Only if you are going on to National—portal and passcode will be supplied by ACEC of Idaho)**

II. USB Flashdrive containing all submission materials.

III. Photographic display panel (see Preparing Your Entry for the 2020 Engineering Excellence Awards).

Non-compliance with the rules may disqualify an entry. Please read the requirements thoroughly.

ACEC of Idaho/ACEC will not be responsible for any damage or loss to entrant’s official entry materials or photographic display panel. The ACEC of Idaho Engineering Excellence Awards committee reserves the right to determine the eligibility and category classification for all entries.

**ACEC of Idaho Awards:** A Grand Concept Award may come from any of the categories, and will be presented to the top winner. Honor Awards may be presented to other selected entries of superior quality. The top projects in the other categories may, upon the judges’ discretion, be designated as Grand Awards, in lieu of Honor Awards.

If the judges determine that no entry merits singling out within a category, all awards in that category will be Honor Awards. Firms submitting the winning entries will receive awards. Firms wanting awards for owners/clients and other participants on the winning design team may order duplicate awards at their expense. ACEC of Idaho Engineering Excellence awards will be presented at ACEC of Idaho’s EEA Luncheon **April 13, 2020.**

State winners may proceed to the ACEC National Competition (see additional requirements for ACEC at www.acec.org).

**National Entry DEADLINE is January 3, 2020.**

**CATEGORY G: Water Resources**
- Hydraulics, hydrology
- Surface and groundwater supply development
- Treatment
- Transmission, distribution and storage
- Watershed Management
- Water use reduction
- Flood risk management
- Climate adaptation
- Coastal & eco-system restoration
- Locks/dams/water control structures
- Irrigation

**CATEGORY H: Transportation**
- Highways
- Rail
- Airports
- Marine/ports
- Public transit
- Intermodal facilities

**CATEGORY I: Special Projects**
- Safety and security
- Corrosion protection/cathodic protection
- Program and construction management
- Land development
- Trenchless technologies/directional boring
- Recreational facilities
- Subsurface engineering

**CATEGORY J: Small Projects**
- Total project construction budget does not exceed $2.5 million. At the entrant’s discretion, except for entries in Category A, projects under $2.5 million are not limited to this category.

**CATEGORY K: Energy**
- Transmission and distribution
- Power generation
- Renewable energy
- Cogeneration
- Energy storage technologies
- Energy usage reduction programs
- Demand side management

**CATEGORY L: Industrial & Manufacturing Processes and Facilities**
- Petrochemical
- Biotech
- Manufacturing
- Heavy industry
- Industrial waste
- Materials handling
- Mining, metallurgy, mineralogy
RATING GUIDELINES FOR JUDGING

1. Uniqueness and/or Innovative Applications of New or Existing Techniques .................................................. 20%
2. Future Value to the Engineering Profession and Enhanced Public Awareness/Enthusiasm of the role of engineering .................................................. 20%
1. Social, Economic, and Sustainable Development Considerations .................................................. 20%
2. Complexity .......................................................................................................................... 20%
3. Successful Fulfillment of Client/Owner needs .................................................. 20%

Total ........................................................................................................................................ 100%

RATING GUIDELINE DEFINITIONS

1. Uniqueness and/or Innovative Application of New or Existing Techniques:
   ♦ Does the entrant’s contribution to the project demonstrate the use of new science or breakthrough in the general knowledge of engineering?
   ♦ Does the entrant’s contribution to the project represent a unique application of new or existing technology, techniques, materials, or equipment?

2. Future Value to the Engineering Profession and Enhanced Public Awareness/Enthusiasm of the role of engineering:
   ♦ Will the entrant’s contribution to the project redefine current engineering thinking?
   ♦ Does the entrant’s project increase public awareness/enthusiasm about the role of engineering in their everyday lives?

3. Social, Economic and Sustainable Development Considerations:
   ♦ Do the solutions identified produce secondary benefits of value to the community environment?
   ♦ Does the entrant’s approach provide society with social, economic, or sustainable development benefits?
   ♦ Does the entrant’s contribution to the project improve the health, safety, or welfare of the public or affected environment?

4. Complexity:
   ♦ Did the entrant’s efforts successfully address highly complex criteria or unique problems?
   ♦ Were extraordinary problems of site, location, hazardous conditions, project requirements or similar elements present?
   ♦ Did the entrant’s solutions require the use of out-of-the-ordinary technology or ingenuity for achievement of the project’s goals?

5. Successful Fulfillment of Client/Owner Needs:
   ♦ Did the entrant successfully engage the client/owner in the overall project development process?
   ♦ Did the entrant introduce an economical and cost-effective solution?
   ♦ How did the final cost compare to the original budget estimate?
   ♦ How closely does the entrant’s solution meet the total goals of the client/owner?
   ♦ Did the entrant meet the client’s time schedule?
PREPARING YOUR ENTRY

This section describes all required submission materials for entering the 2020 ACEC of Idaho EEA Competition. All materials must be submitted exactly as designated below. Digital files must be PC compatible and appropriate to the information being submitted (i.e. Microsoft Word for text, JPEGs for photos or other images, Adobe PDFs, etc.)

If the submission does not meet the requirements listed, it may be disqualified.

If any part of an entry does not meet requirements listed, that portion of the entry may not be presented for judging.

No reference to other awards is permitted in your submitted materials. Please follow the guidelines.

SUBMISSION REQUIREMENTS

The following two main components must be submitted with the ACEC of Idaho EEA competition entry:

I. OFFICIAL ENTRY

All project information shall be submitted via USB Drive (National applications shall be submitted electronically at www.acec.org/award-programs/engineering-excellence-awards). The official entry application is enclosed and may be submitted via PDF or Word. NOTE: You must submit entry fee payment with application ($150 for ACEC members; $300 for non-ACEC members.) Payments can be made online at www.acecofidaho.org, yellow 'pay your invoice' button or by check made payable to ACEC of Idaho. See National requirements for fees for those who enter National competition. Original completed entry form must be signed by both the entrant and the client/owner (senior executives/officials), stating that the submitted project was substantially completed and ready for use between Nov. 1, 2017 and Oct. 31, 2019. The following project information must be included with your Engineering Excellence Awards submittal.

1. CLIENT/OWNER LETTER (one page max.) Letter addressed to ACEC on your letterhead describing the relationship of the client/owner and entrant in the development of the project and how it exceeded the client/owner’s needs. PDF or Word format.

2. EXECUTIVE SUMMARY (one page max.) Overview of project. Describe the problem and solution; project title and entry category must appear at the top of the page. Specifications: 8.5” x 11”; 1” side margins; single-spaced text; 12 pt. minimum size font; PDF or Word format.

3. PROJECT DESCRIPTION (six pages max.) Tell the story of the project. Address items a, b, c, and d as listed below; project title, entry category, and page number must appear at the top of each page. Entrants may use text, photos, graphics, or charts as needed. Specifications: 8.5” x 11”; 1” side margins; single-spaced text; 12 pt. minimum size font; PDF or Word format. Text must include the following:

   a. ROLE OF ENTRANT’S FIRM in the project.
   b. ROLE OF OTHER CONSULTANTS participating in the project.
   c. ENTRANT’S CONTRIBUTION TO THE PROJECT: A brief description of the entrant’s contribution addressing each of the following Rating Guidelines (refer to “Rating Guideline Definitions” for detailed rating and judging information):

      ♦ Uniqueness and/or innovative application of new or existing techniques.
      ♦ Future value to the engineering profession and enhanced public awareness/enthusiasm of the role of engineering.
      ♦ Social, economic, and sustainable development considerations.
      ♦ Complexity.
      ♦ Successful fulfillment of client/owner needs.

   Include total project budgeted cost, total project actual cost, entrant’s portion of the budgeted cost, entrant’s portion of the actual cost, and scheduled and actual dates of completion.

d. SUMMARY: Describe in layman’s terms why this project is worthy of special recognition (word count between 100 - 500 words). Explain all factors that comprise the project’s uniqueness and complexity, such as innovative engineering, challenges faced and overall social impact. NOTE: This summary will provide the basis for all ACEC publicity on the project.

4. KEY PARTICIPANTS: List the key participants on the project including firm name, address, phone number, website, and e-mail address of each participant. Include contractors, subcontractors, other engineers, architects and designers significantly involved in the project. Specifications: 8.5” x 11”; PDF or Word format.

5. PHOTOS OR GRAPHICS: Six different photos or graphics (one per page) with captions describing the subject matter (refer to “Photograph Guidelines” below). Captions shall begin with: Photo 1, Photo 2, etc. Specifications: JPEG file; RGB format; High Resolution (300dpi). Photo Captions: Once photos are uploaded, type in the captions in the small box under each photo on the online submittal site. USB: Provide six captions in a PDF or Word format.
Photograph Guidelines: Because the photographs will be projected on a large screen during the EEA Gala, it is very important to submit sharp, high quality, high-resolution images. Three of the photographs must show the completed project and provide the highest level of visual impact for publicity. Three of the photographs must display the planning, startup, and/or construction phases of the project. Please specify the one you would like to appear on any award you may receive.

6. PHOTOGRAPHIC DISPLAY PANEL: Small-size copy of the photographic display panel. Specifications: JPEG file; RGB format; High Resolution (300dpi)

7. SUPPLEMENTARY REPORT Include a supplementary report containing the findings portrayed with text, graphs, or photos, as needed. NOTE: This report is ONLY required for Category A submittals. Specifications: PDF format.

USB FLASH DRIVE USB Contents & Specifications: One USB flash drive (to be sent to ACEC with Photographic Display Panel). Include labels on USB and Photographic Display Panel with firm name, project name and category. Test the USB flash drive on different computers to ensure that it is not machine-dependent. Include each of the following items in the file type indicated, in the order given, and with the titles shown: 01 Electronic Project Submission Form 02 Client/Owner Letter 03 Executive Summary 04 Project Description 05 Key Participants 06 Six Photos or Graphics (Photo Captions: Type separately in a Word document) 07 Photographic Display Panel 08 Supplemental Report

A MEDIA LIST, PRESS RELEASE and POWERPOINT PRESENTATION is required if you go onto Nationals (details are available at www.acec.org/award-programs/engineering-excellence-awards)

II. PHOTOGRAPHIC DISPLAY PANEL:
Panel text and photos should demonstrate the challenges, solutions, innovation, complexity and unique aspects of key project elements. The panel should be prepared with high quality photos and graphics with minimal text. Photographic panel requirements:

1. PANEL SIZE: 30” x 30” square, with a matte finish, laminated front and back as follows:
   a. Front lamination thickness: 5 mil
   b. Back lamination thickness: 5 mil
   c. Panel stock thickness before lamination: no more than 5-6 mil
   d. Total panel (with lamination) thickness: 15-16 mil NOTE: Framed or mounted panels will NOT be accepted.

2. VELCRO ATTACHMENTS: Four, 9-inch long strips of Velcro (the hook side only) must be placed vertically on the back, near each corner of the panel.

3. PHOTOS/GRAPHICS: Maximum of 6 photos and/ or graphics shall be used on the panel. Each image shall be a minimum of 7” x 5” or 35 square inches in area. A background photo is not considered a photograph.

4. TEXT/FONTS: Panel text may not exceed 250 words total, not including captions. Font sizes: 32 pt. minimum font for text or descriptions; 28 pt. minimum font for captions and graphics.

5. REQUIRED ELEMENTS: The front of the panel shall also include the ACEC National and EEA logos (download from ACEC website), title and location of the project or study, client/ owner’s name and location, and entering firm’s name and location (minimum 32 pt. font size).

6. CORNER SPACE: Leave a 2”x 2” space in the upper right-hand corner of the panel that is free of text or images. Do not leave the “blank” space as a white square; the background scheme should continue, but will be partially covered by the review committee’s coding label.

7. BACK OF PANEL LABEL: Add a label to the back of the panel with the name of the entrant’s firm, the firm address, the project name, and the entry category.

**All items must be received no later than December 2, 2019.**
Shipping of USB Drives and Panels

1. All USB drives and panels must be shipped or delivered.
2. All materials should be addressed or delivered to:

ACEC of Idaho
5460 W. Franklin Rd., Ste. A
Boise, ID 83705
Phone: 208-321-1502

Dates to Remember

December 2, 2019—ACEC of Idaho deadline to submit entry

January 3, 2020—ACEC National deadline to submit entry

January 16, 2020—The entrant’s company representative, as listed on the entry form, must be available by phone for National entries only.


April 13, 2020—ACEC of Idaho Awards Luncheon

April 28, 2020—EEA Dinner and Gala Awards Program in Washington, D.C.

All materials submitted for judging become the property of ACEC and may be used in ACEC of Idaho and/or ACEC National publications. Panels may be used for displays or other promotional or education purposes. Submitted materials will NOT be returned.

Those from ACEC of Idaho who will be submitting entry to the National Competition must complete an electronic entry form that can be found at https://www.accc.org/awards-programs/engineering-excellence-awards/

For questions regarding Idaho entries please contact Teri Ottens at 208-321-1502 or by email at tottens@amsidaho.com

For questions regarding National entries please contact Daisy Nappier at 202-347-7474 or by email dnappier@acec.org
OFFICIAL ENTRY FORM—ACEC of Idaho

Furnish all information requested below for each entry (signatures by the submitting firm(s) and the client(s) are required). Firm, project, and client/owner’s name should be typed or printed as they are to appear on the award. Please limit the project name to 45 characters. A fee of $150 per entry for ACEC of Idaho Members ($300 for non-members). Please make checks payable to ACEC of Idaho.

ABOUT THE PROJECT

Project Name

Judge this Entry in the Following Category (check one):

<table>
<thead>
<tr>
<th>Project Location: City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Studies, Research and Consulting</td>
<td>I. Special Projects</td>
</tr>
<tr>
<td>B. Building/Technology Systems</td>
<td>J. Small Projects</td>
</tr>
<tr>
<td>C. Structural Systems</td>
<td>K. Energy</td>
</tr>
<tr>
<td>D. Surveying and Mapping Technology</td>
<td>L. Industrial and Manufacturing Processes and Facilities</td>
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<tr>
<td>E. Environmental</td>
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<tr>
<td>F. Water and Storm Water</td>
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<tr>
<td>G. Water Resources</td>
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<tr>
<td>H. Transportation</td>
<td></td>
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</tbody>
</table>

U.S. Congressional Representative’s name in district where entering firm is located

U.S. Congressional Representative’s name in district where project is located

Member Organization Sponsoring Entry __ACEC of Idaho__

What was the Entrant’s Role in the project?

(Budgeted and/or actual costs may not apply to some studies in Category A)

<table>
<thead>
<tr>
<th>Completion/Use dates:</th>
<th>Scheduled</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category A costs:</td>
<td>Budgeted $</td>
<td>Actual $</td>
</tr>
<tr>
<td>Construction Costs:</td>
<td>Total Project Budget $</td>
<td>Total Project Actual $</td>
</tr>
<tr>
<td>Entrant’s portion of the Total Project Budget $</td>
<td>Entrant’s portion of Total Project Actual $</td>
<td></td>
</tr>
</tbody>
</table>

Check here if project was awarded through QBS process.

ABOUT THE FIRM(S) SUBMITTING THE PROJECT

Entering Firm(s) _____________

Firm CEO

Address (no P.O. Box) City State Zip

Phone ( ) Cell ( ) Fax ( )

E-mail

I hereby authorize submission of this project into American Council of Engineering Companies’ 2020 Engineering Excellence Awards competition.

Senior Executive/Principal _____________ Title _____________

Signature Date

Address (no P.O. Box) City State Zip

Phone ( ) Fax ( )

E-mail

ABOUT THE CLIENT/OWNER(S) OF THE PROJECT

Client/Owner(s) _____________

I currently believe the work of the engineer meets the intended uses and expectations for the project and hereby grant permission to enter this project in the ACEC 2020 Engineering Excellence Awards competition, and authorize publications of its outstanding features, unique aspects, or innovations. I confirm that the project was substantially completed and ready for use between November 1, 2017 and October 31, 2019.

Client/Owner Representative _____________

Title _____________ Signature _____________ Date _____________

Address (no P.O. Box) City State Zip

Phone ( ) Fax ( )

E-mail _____________
