

*2008
Engineering
Excellence
Awards
Competition*



CALL FOR ENTRIES
DEADLINE: DECEMBER 19TH

ACEC OF IDAHO



P.O. Box 8224
Boise, ID 83707

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2008 Idaho Engineering Excellence Awards Competition

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 engineering for this competition. The categories are studies, research and consulting; building/technology systems; structural systems; surveying and mapping technology; environmental; water and wastewater; water resources; transportation; special projects and small projects.

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.

ACHIEVING NATIONAL RECOGNITION

The American Council of Engineering Companies' annual Engineering Excellence Awards (EEA) competition recognizes engineering firms for projects that demonstrate a high degree of achievement, value, and ingenuity.

For more than 40 years, engineering firms have entered their most innovative projects and studies in state and regional competitions conducted by ACEC Member Organizations. Firms that win recognition at the state level are eligible for the prestigious ACEC national competition.

EEA entries are rated on the basis of uniqueness and originality; future value to the engineering profession; social, economic, and sustainable development considerations; complexity; and exceeding the owner/client's needs, including schedule and budget.

Engineering Excellence is the cornerstone for enhanced business opportunities. EEA 2008 provides competition entrants an opportunity to obtain national recognition and to showcase their talent and expertise in a dramatic setting. All EEA national finalists and the 24 winning projects will be highlighted in a subsequent ceremony during the EEA Gala Evening, which will be held on Tuesday, April 29, 2008, at Grand Hyatt Hotel in Washington, D.C. This black-tie event has truly become the "Academy Awards" of the engineering industry.

More than 600 guests attended the 2007 EEA Gala Evening including several members of Congress, along with numerous international, federal, state and regional officials.

The EEA Gala Evening will again be held during ACEC's Consulting Congress Day events, which offer ACEC members an opportunity to lobby their elected representatives on Capitol Hill.

The Washington, D.C., gala will celebrate with great elegance and pride the outstanding achievements of the engineering profession.

ACEC's 2008 Engineering Excellence Awards competition offers the opportunity to showcase the year's best engineering achievements to an audience of peers, current and potential clients, and decision-makers at all levels.

For more information about this competition or ACEC of Idaho, please call **208-321-1502**.

CATEGORY A: Studies, Research and Consulting

Non-design services including, but not limited to:

- ◆ New Products, Materials and Technologies
- ◆ Basic Research and Studies
- ◆ Expert Testimony
- ◆ Computer/Software Technology
- ◆ Technical Papers

None of the projects entered in Category A are involved with the preparation of construction documents.

CATEGORY B: Building/Technology Systems

- ◆ Mechanical/Electrical
- ◆ Computer/Technology
- ◆ Communications
- ◆ Acoustics
- ◆ Software Systems

CATEGORY C: Structural Systems

- ◆ Foundations
- ◆ Tunnels
- ◆ Buildings
- ◆ Seismic Design
- ◆ Towers
- ◆ Bridges
- ◆ Sports Facilities

CATEGORY D: Surveying and Mapping Technology

- ◆ Geometrics, ALTA, Land Title and Rights Surveys
- ◆ Control, GPS, Monitoring, or Construction Surveying
- ◆ Survey Mapping, GIS/LIS, Photogrammetry

CATEGORY E: Environmental

- ◆ Hazardous Waste
- ◆ Solid Waste
- ◆ Restoration/Reclamation
- ◆ Air Quality
- ◆ Noise

CATEGORY F: Water and Wastewater

- ◆ Water Supply/Distribution/Treatment
- ◆ Wastewater Collection/Treatment and Disposal
- ◆ Industrial Waste
- ◆ Residuals Management

CATEGORY G: Water Resources

- ◆ Hydraulics, Hydrology
- ◆ Irrigation
- ◆ Flood Control, Dams
- ◆ Storm Water Management
- ◆ Erosion Control
- ◆ Recreational Facilities

CATEGORY H: Transportation

- ◆ Highways
- ◆ Railroads
- ◆ Airports
- ◆ Marine/Ports
- ◆ Public Transit
- ◆ Freight
- ◆ Intermodal Facilities

CATEGORY I: Special Projects

- ◆ Energy Production/Conservation
- ◆ Oil and Gas
- ◆ Nuclear
- ◆ Industrial Processes/Materials Handling
- ◆ Corrosion Protection
- ◆ Mining, Metallurgy, Mineralogy
- ◆ Safety and Security
- ◆ Program and Construction Management
- ◆ Land Development

CATEGORY J: Small Projects

- ◆ Total project construction budget does not exceed \$1 Million
- ◆ Projects under \$1 million not limited to small projects category—also eligible for different categories—B through I, at the entrant's discretion.

2008 Idaho Engineering Excellence Competition

ELIGIBILITY: Any engineering or surveying firm is eligible to enter the awards program, whether or not that firm is an ACEC of Idaho member.

GENERAL CRITERIA:

Both member and non-member firms' entries must be submitted by December 19th through ACEC of Idaho 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, 2005 and October 31, 2007. Construction of projects (Categories B through J – with the exception of D) must have been **substantially completed and ready for use between November 1, 2005 and October 31, 2007**.

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 J – in the year when eligible.

Each entry must be accompanied by an official entry notebook, envelope containing submission materials, and photographic display panel (see *Preparing Your Entry for the 2008 Engineering Excellence Awards*). Please read the requirements thoroughly.

ACEC of Idaho/ACEC will not be responsible for any damage or loss to entrant's notebook, envelope, electronic media, supplementary report, or photographic display panel.

ACEC of Idaho Awards: The Grand Concept or 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 the ISPE Convention in the spring of 2008.

The following material is divided into notebook and panel **requirements** that are mandatory in order to enter the competition. If the submission does not meet these requirements, **it will not be judged**.

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

Rating Guidelines for Judging

1. Original or Innovative Application of New or Existing Techniques.....	20%
2. Future Value to the Engineering Profession and Perception by the Public.....	20%
3. Social, Economic, and Sustainable Design Considerations.....	20%
4. Complexity.....	20%
5. Exceeding Client/Owner Needs.....	20%
Total.....	100%

Rating Guideline Definitions

- 1. Original or Innovative Application of New or Existing Techniques:**
 - ◆ Does the entry demonstrate the use of new science or breakthrough in the general knowledge of engineering?
 - ◆ Does the entry represent a unique application of different technology techniques, materials, or equipment?
- 2. Future Value to the Engineering Profession:**
 - ◆ Will the entry redefine current engineering thinking?
 - ◆ Does the entry advance a positive public image of engineering excellence?
- 3. Social, Economic and Sustainable Design 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?
 - ◆ Is the public's health, safety, or welfare significantly improved as a result of the entrant's, and/or affected environment's, contribution to the public?

PREPARING YOUR ENTRY FOR THE 2008 ENGINEERING EXCELLENCE AWARDS COMPETITION

Entry material must be submitted to ACEC of Idaho in a special notebook provided by ACEC of Idaho

Entries must conform to the official notebook format. Extraneous material will not be allowed and will be discarded.

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

I. Official Entry Form

II. Envelope Containing Submission Materials

III. Photographic Display Panel

NOTEBOOK REQUIREMENTS

(black, 3-ring, 1/2" binder)

Notebook must include ONE COPY of the following (these copies are in addition to those that must be included in the Envelope)

1. **Official Entry Form** (with entry fee attached)
2. **Signed Letter From Client/ Owner**
3. **Executive Summary**
4. **Project Description**
5. **Six Different Photos or Graphics** (w/ captions and labeled: Photo 1, Photo 2, etc.)
6. **Photographic Display Panel** (small version)
7. **CD-ROM**
8. **Supplemental Report**– mandatory for Category A only (*insert inside back cover*)
9. **Entry Fee** (\$125 for ACEC of Idaho Members and \$250 for non-ACEC of Idaho Members **must be attached to the Official Entry Form** in Notebook).

ENVELOPE Containing Submission Materials

The large envelope must have a label affixed to the outside which indicates **the firm name, the project name, and the category** in which it shall be judged. **The envelope must be large enough to contain originals and copies as indicated below:**

1. Original and 3 copies of a completed **Official Entry Form**. The engineer or surveyor and client/owner **must sign the original Official Entry Forms**, stating that the submitted project was substantially completed and ready for use between November 1, 2005 and October 31, 2007. (include CD-ROM)
2. Original and 3 copies of a one-page signed **Client/Owner Letter**, addressed to the ACEC of Idaho describing the relationship the client/owner had with the entrant in development of the project and how it exceeded the client/owner needs.
3. Original and 3 copies of an **Executive Summary**- one page - 8.5" x 11" with 1" side margins; **minimum 12 pt. type**, double-spaced - describing the problem and solution. Project title and entry category must appear at the top of the page (include CD-ROM).
4. Original and 3 compiled copies of a **Project Description**, not to exceed five pages - 8.5" x 11" with 1" side margins - addressing a, b, and c as listed below. Project title, category, and page number must appear at the top of each page. Entrant may use text (**minimum 12 pt.**), photos, graphs, etc. An additional page at the back of the project description shall include the information requested below in item e listed below.
 - a) Role of the entrant's firm in the project.
 - b) Role of other consultants participating in the project.
 - c) Brief description of the entrant's contribution to the project addressing each of the following rating guidelines:
 - Original or Innovative Application of New or Existing Techniques
 - Future Value to the Engineering Profession
 - Social, Economic and Sustainable Design Considerations
 - Complexity
 - Exceeding Owner/Client Needs. Include total project budgeted cost, total project actual cost, entrant's portion of the budgeted cost, entrant's portion of the actual cost, scheduled and actual date of completion information from the **Official Entry Form**
 - d) Describe in 50 words or less and in layman's terms, why this project is unique.
 - e) Provide a list of key participants on the project. Provide firm name, address, phone number, website and email address of each participant. Key participants should include contractors, subcontractors, other engineers, architects and other designers involved in the project.
5. Three copies each of six different photos or graphics (18 total) of high quality 8" x 10" printed from digital files. All photographs or graphics must have captions (describe what the photo or graphic illustrates) on the back and labeled: Photo 1, Photo 2, etc. (include on CD-ROM: the required photos or graphics must be prepared as JPEGs, RGB, 300 dpi, sized to 7.5" x 10"; captions do not need to be included in the CD-ROM).

Photographic Guidelines

- a) Photographs will be projected on a large screen during award presentation. Therefore, it is extremely important to submit high-quality, high-resolution images
- b) Three of the photographs must be of the completed project and provide the highest level of visual impact for publicity.
- c) Three of the photographs should display the planning, start-up, and/or construction phases of the project.
6. **E-Mail Addresses** of local newspapers, TV stations, and radio stations in Excel format that you wish a media release to be sent to. If the MO or the entrant intends to handle all local and national publicity for the project, include a statement to this effect (include on CD-ROM).

7. One copy of a **Media Release** (up to two pages, double-spaced) clearly and concisely describing the project and the entrant's participation, reflecting on those factors listed in item # 4. In addition, point out the value of the project to the community, identify the number of people served, cost savings, and etc. No reference to other awards should be included in the submitted materials.
8. An **Entry Fee of \$125** for ACEC of Idaho Members and \$250 for Non-members must be submitted for each entry sent to the ACEC of Idaho competition.

III. **PHOTOGRAPHI DISPLAY PANEL**

Panel text and photos should demonstrate the challenges, solutions, and innovative uniqueness of the key project elements. The panel should be prepared with **high-quality photos and graphics, with minimal text** (250 words maximum)

The photographic panel should meet the following requirements:

1. Panel shall be 30" x 30" square display material, which has a matte finish and laminated over the front and back as follows:
 - a) front lamination is 5 mil;
 - b) back lamination is 5 mil; and
 - c) panel is no more than 5-6 mil for a total of 15-16 mil in thickness

Framed or mounted panels will NOT be accepted.
2. **Four 9-inch long strips of Velcro** (the hook side only) must be placed on the back of the panel, at the top and bottom near each corner of the panel
3. **Maximum of six photos and/or graphics** shall be used on the panel. Each image should be a minimum 7" x 5" or 35 sq. in. A background photo is not considered a photograph.
4. Minimum **32 pt. type** size for text or descriptions and a minimum **28 pt. type** for captions and graphics.
5. ACEC of Idaho Logo (downloaded from ACEC website), title and location of the study or project, client/owner's name and location, and entering firm's name and location (minimum 32 pt. type) shall be indicated **on the front of the panel.**
6. Leave 2" x 2" space in the upper right-hand corner of the panel that is free of text or images but carries the panel's background scheme through this space. This blank space should not be left as a white square. This space will be used for the national ACEC judging coding so any words or graphics in this area will be hidden once the panel is coded.
7. The firm name, the firm address, the project name, and the category shall be indicated **on the back of the panel.**

Shipping of Notebooks and Panels

1. **All panels must be shipped in a mailing tube.**
2. All materials should be addressed or delivered to:

ACEC of Idaho
5440 W. Franklin Rd., Ste. 108
Boise, ID 83705



All items must be received no later than December 19, 2007.

ACEC Deadline is January 11, 2008.

Additional Notebook Requirements ONLY if applying to ACEC National Competition

(Please call the ACEC of Idaho office for official ACEC requirements)

OFFICIAL ENTRY FORM

Furnish all information requested below for each entry (both signatures 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 \$125 per entry for ACEC of Idaho Members (\$250 for non-members) **must be attached** to the copy of this form included in the Official Entry Notebook. **Please make checks payable to ACEC of Idaho.** (May be reproduced)

ABOUT THE PROJECT

Project Name _____
Address (No P.O. Box) _____
City _____ State _____ Zip _____

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

- | | |
|--|--|
| <input type="checkbox"/> A. Studies, Research and Consulting
Engineering Services | <input type="checkbox"/> F. Water and Wastewater |
| <input type="checkbox"/> B. Building/Technology Systems | <input type="checkbox"/> G. Water Resources |
| <input type="checkbox"/> C. Structural Systems | <input type="checkbox"/> H. Transportation |
| <input type="checkbox"/> D. Surveying/ Mapping Technology | <input type="checkbox"/> I. Special Projects |
| <input type="checkbox"/> E. Environmental | <input type="checkbox"/> J. Small Projects |

Project Location: City _____ State _____

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

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

Completion/Use dates: Scheduled _____ Actual _____

Category "A" costs: Budgeted \$ _____ Actual \$ _____

Construction Costs: Total Project Budget \$ _____ Total Project Actual \$ _____

Entrant's portion of the Total Project Budget \$ _____ Entrant's portion of Total Project Actual \$ _____

ABOUT THE FIRM(S) SUBMITTING THE PROJECT

Entering Firm (s) _____

Firm CEO _____

Firm Representative _____

Must be available by phone on Wednesday, January 16, 2008

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' 2008 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 2008 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, 2005 and October 31, 2007.

Client/Owner Representative _____

Title _____ Signature _____ Date _____

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

Phone(____) _____ Fax(____) _____

E-mail _____