

PROJECTS OF EXCELLENCE

OCTOBER 25, 2024 | 6PM - 9PM

NEW INFORMATION!

UPDATES:

- The objective judging criteria for project categories is now available. The People's Choice category is subjectively judged by event attendees and does not have published criteria.
- The Project submission deadline is extended to September 6th, 2024.



REMINDERS:

- Early bird ticket discounts end on September 6th.
- Send project submissions to poe.submissions.2024@gmail.com
- Send questions to jason.hu@hdrinc.com
- Tickets and details are available on eventbrite.

EVENTBRITE QR CODE



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Project Category: Collaboration

A design and/or construction project that vividly demonstrates collaboration through a series of coordinated efforts among various stakeholders, each bringing unique skills and perspectives to achieve a common goal. Here are the ways the category of collaboration will be judged with examples:

1. Cross-Disciplinary Teamwork (20%), such as:

- Architects: Design the project, conceptualizing the structure and aesthetics.
- Engineers: Ensure structural integrity, functionality, and compliance with regulations.
- Contractors/Subcontractors: Execute the construction, handling everything from groundwork to finishing touches.

2. Communication Channels (20%), such as:

- Regular meetings (onsite and/or virtual) facilitate information exchange, updates, and decision-making.
- Digital tools such as Building Information Modeling (BIM) ensure all parties have access to up-to-date plans and project status.
- Continuous feedback from all stakeholders helps identify improvements and innovations, leading to more efficient processes and better outcomes.

3. Shared Goals and Resources (20%), such as:

- Teams align on common objectives, such as completing phases of design and/or construction or meeting articulated safety standards.
- Milestones and deadlines are set collaboratively and adhered to, ensuring synchronized progress.
- Equipment, materials, and human resources are allocated based on the project's needs, ensuring efficient use of available assets.

4. Problem-Solving and Conflict Resolution (20%), such as:

- Collaborative problem-solving sessions are held to address any issues that arise, leveraging the diverse expertise available.
- Conflicts are resolved through negotiation and compromise, focusing on the project's best interests.

5. Client Interaction (20%), such as:

- Regular updates and consultations with the client ensure their vision and requirements are being met throughout the project.
- Owners & Clients Project Managers: Actively oversee and are engaged in the project, ensuring timelines, budgets, goals, and objectives are met.
- Multiple layers of quality checks involve various team members to ensure the final product meets required standards expected by the client.

GOAL: Through these collaborative efforts, a design and/or construction project results in a cohesive process that transforms a conceptual idea into a tangible, functional design and/or structure. The synergy among diverse teams not only ensures the project's success but also often leads to innovative solutions and enhanced relationships among professionals, their clients, and project owners as applicable.





Project Category: Innovation

Innovation in design and/or construction projects can manifest in various ways, often setting the project apart through creative problem-solving, technological advancement, sustainability, or improved functionality. Here are the ways the category of innovation will be judged with examples:

1. **Use of Advanced Technology (20%)**, such as:
 - Building Information Modeling (BIM): Employing BIM for enhanced collaboration and decision-making processes.
 - Automated Construction: Utilizing robotics, 3D printing, or drones for building tasks to increase efficiency and safety.
 - Smart Materials: Integrating new materials that have better properties (e.g., self-healing concrete or advanced insulation).
2. **Sustainability and Environmental Impact (20%)**, such as:
 - Green Building Techniques: Implementing LEED or BREEAM standards, using renewable energy systems like solar panels or geothermal heating.
 - Waste Reduction: Innovative waste management practices like recycling construction materials or using modular construction to minimize waste.
 - Eco-Friendly Materials: Using sustainable, locally-sourced, or recycled materials to reduce the environmental footprint.
3. **Design Innovation (20%)**, such as:
 - Unique and eye-catching design that pushes the boundaries of traditional architecture. Advanced Engineering incorporating technology and applications still in the “proving stage” of development and/or use in actual applications
 - Creating multi-purpose or flexible spaces that can adapt to different needs over time.
 - User-Centric Design: Prioritizing the needs and experiences of users in the design process, ensuring accessibility, comfort, and usability.
4. **Project Management and Processes (20%)**, such as:
 - Applying LEAN principles to minimize waste and optimize all processes within the construction project.
 - Using Integrated Project Delivery (IPD) and/or Early Contractor Involvement (ECI) to enhance collaboration between stakeholders from the project's inception to its completion.
 - Incorporating agile practices to allow for a more adaptive and iterative progress.
5. **Economic and Financial Models (20%)**, such as:
 - Using non-traditional funding sources like crowd-funding, public-private partnerships, or green bonds.
 - Employing cost-saving yet efficient construction techniques or materials without compromising quality.

GOAL: By integrating one or more of these innovations, a construction or design project can significantly boost its impact, efficiency, sustainability, and user satisfaction, setting a new benchmark within the industry.





Project Category: Complexity

To demonstrate the complexity of a past design or construction project, submissions can highlight a range of techniques and tools that vividly illustrate the multifaceted nature of the work that was undertaken. Here are the ways the category of complexity will be judged with examples:

1. Detailed Project Documentation (20%), such as:

- Presenting the original blueprints, architectural drawings, and schematics to showcase the intricate planning involved.
- Including comprehensive documents detailing materials used, structural requirements, and compliance with building codes and applicable standards.
- Highlighting the project's objectives, constraints, requirements, and deliverables to convey its vast scale.

2. Visual Representations (20%), such as:

- Utilizing computer-generated models and renderings to provide a visual and spatial understanding of the project's scope and complexity.
- Showing the before-and-after transformation from the initial state to the completed project to emphasize the extensive work involved.
- Creating virtual or recorded tours to give an immersive view of the project.

3. Stakeholder Involvement (20%), such as:

- Detailing the various roles and number of professionals involved, such as architects, engineers, contractors, and subcontractors.
- Showing how different stakeholders and teams interacted and coordinated, indicating the complexity of communication and management.

4. Challenges and Solutions (20%), such as:

- Discussing specific challenges faced during the project, such as technical difficulties, unexpected site conditions, or regulatory hurdles.
- Describing the innovative solutions and adaptive strategies employed to overcome problems.
- Providing detailed financial data to illustrate cost management complexity and adherence to budget constraints.

5. Technological Integration (20%), such as:

- Mentioning the advanced technologies and software used in the project, such as CAD programs, BIM (Building Information Modeling), and project management tools.
- Highlighting any cutting-edge construction techniques or sustainable practices implemented.
- Using Gantt Charts and digital tools to illustrate the project's schedule, highlighting key phases, critical milestones, and overlapping tasks.

GOAL: By combining these elements, you can create a comprehensive narrative that effectively demonstrates the complexity and scale of a past design and/or construction project.





Project Category: Environmental Stewardship

A design or construction project can display environmental stewardship through various practices and strategies that reduce its impact on the environment and promote sustainability. Here are the ways the category of environmental stewardship will be judged with examples:

1. **Energy Efficiency (20%)**, such as:

- Incorporating energy-efficient HVAC systems, lighting, and appliances.
- Utilizing passive design strategies, such as proper building orientation, natural ventilation, and daylighting.
- Integrating renewable energy sources like solar panels or wind turbines.

2. **Materials (20%)**, such as:

- Selecting sustainable, recycled, or locally sourced building materials.
- Using non-toxic, low-VOC (volatile organic compounds) materials to improve indoor air quality.
- Opting for materials with a long lifespan and those that can be easily maintained or recycled.

3. **Waste Reduction (20%)**, such as:

- Developing a comprehensive construction waste management plan to minimize landfill contributions.
- Reusing or recycling construction and demolition debris.
- Designing for adaptability and disassembly to reduce future waste.

4. **Environmental Impact (20%)**, such as:

- Conducting thorough environmental impact assessments to understand and mitigate the project's impact on local ecosystems.
- Planning to protect or enhance local biodiversity and natural habitats.
- Implementing rainwater harvesting systems and greywater recycling for irrigation and flushing.

5. **Green Certifications and Standards (20%)**, such as:

- Aiming for certification from recognized green building programs such as LEED (Leadership in Energy and Environmental Design), BREEAM (Building Research Establishment Environmental Assessment Method), Green Globes, or the Living Building Challenge.
- Following local building codes that promote sustainability.

GOAL: By implementing these strategies, a design or construction project can demonstrate a commitment to environmental stewardship and contribute positively to the sustainability of the built environment.





AWARD CATEGORIES

COLLABORATION

INNOVATION

COMPLEXITY

ENVIRONMENTAL
STEWARDSHIP

PEOPLE'S CHOICE

*ATTENDEES WILL BE VOTING FOR THEIR
FAVORITE PROJECT AT THE EVENT*

**EACH SUBMISSION CATEGORY HAS A LARGE AND SMALL
BUSINESS SUBCOMPONENT*

SUBMISSION REQUIREMENTS

PROJECT LOCATION MUST BE IN
WA, OR, ID, MT, AK

MUST HAVE CLIENT / END CLIENT PERMISSION

DESIGN OR CONSTRUCTION MUST BE
SUBSTANTIALLY COMPLETE, OR COMPLETED
WITHIN THE LAST THREE YEARS

FEDERAL, STATE, AND LOCAL PROJECTS ARE
WELCOME TO SUBMIT

ADDITIONAL INFORMATION

SUBMISSION PERIOD
EXTENDED TO SEPTEMBER 6TH, 2024

PROJECTS WILL BE JUDGED BY A THRID PARTY
COMMITTEE

ALL SUBMISSIONS WILL BE ASKED TO PREPARE A
POSTER TO BRING TO THE EVENT

AWARDS WILL BE ANNOUNCED AT THE EVENT

SEND QUESTIONS TO JASON.HU@HDRINC.COM

SUBMISSION PACKAGE

- MINIMUM 1 PROJECT PHOTO
- PROJECT SUMMARY
 - MAX 4 PAGES (INCLUDING PHOTOS) (PDF)
 - DOLLAR VALUE
 - LOCATION
 - CLIENT
 - FULL AE TEAM (IF APPLICABLE)
 - FIRM'S SCOPE - GENERAL PROJECT OVERVIEW
 - IMPACT TO COMMUNITY
 - AWARD CATEGORY
 - DESCRIBE HOW/WHY IT FITS IN CATEGORY
- SUBMIT TO PoE.Submissions.2024@gmail.com

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