**PWI Design Award 2024**

**To be judged in January 2025 with the awards night February 2025**

* Established 2022

The PWI Design Award recognises design leadership of multi-disciplinary rail project studies or designs. The study or design should demonstrate excellence in influencing benefit to the community alongside, building a pipeline of talent and treading carefully on the earth. The award will be assessed on key criteria including:

* Benefits of the project to the community and industry
* Demonstrated uplift of culture, collaboration and partnerships in the rail industry
* Approach to solving design challenges including use of best practice, innovation and digital

There are two categories for the PWI Design Award which are: Engineering studies or designs to inform or shape a rail project in the calendar year 2024.

* Category 1: consultant engagement fees less than $1M
* Category 2 consultant engagement fees over $1M

The criteria for an award includes:

* Entrants must be a member of the PWI NSW
* If a study or report, then the report should have been completed in 2024
* If a design project, the concept or reference design should have been completed in 2024;
* If a design & construct project, the design should have substantially been completed in 2024
* If a design & construction project, the construction can be in progress, so long as the Approved for Construction phase documents were being prepared in 2024.

PWI Design Awards milestones:

* Submissions close noon 21 January 2025
* Judging panel convenes 23 January 2025
* PWI Awards Event to be celebrated on 22 February 2025

**Design Criteria – Category 1 – consultant fees less than $1M**

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| --- | --- |
| **Criteria** | **Scoring** |
| **Mandatory Criteria** |
| Confirm that the entrant is a member of the PWI NSW | Pass/fail |
| If a study or report, then confirm that the study, or report was completed in 2024. | Pass/fail |
| If the subject is a concept or reference design, then confirm that the design was completed in 2024 | Pass/fail |
|  If the subject is a design & construct project, then confirm that the design has been substantially completed in 2024.  |   |
| **Project Description** |
| Describe the rail project including the key design objectives  | Upto 300 words | 10 |
| **Benefits to the community, end-user and rail industry.** |
| Describe the key benefits of the rail project for the end-user(s) which might include community, freight operators or passengers. | 350 words | 10 |
| Describe the key benefits to the rail industry which may include:* Building capacity
* Building capability
* Improving design methodology
* Improving rail industry culture
* Improving diversity outcomes

   |  500 words | 15 |
| **Approach to solving design challenges** |
| Describe the key risks, opportunities and challenges of the project. Describe how were these addressed in the report or design.   You might like to consider safety in design; environmental constraints; customer and community concerns and sustainability outcomes.Were there any unknowns and how did you address these? | 400 words | 20 |
| Describe any processes or approaches to solve the challenges.  On reflection, would you have done anything differently, and if so what was it? You might like to consider the use of innovation or digital approaches applied.  |  500 words | 15 |
| Describe the team culture and how the following were considered:* Diversity
* Developing pipeline of talent in the rail industry
* Working across regions to deliver the design
* Creating a team
* Enhancing team culture

  | 350 words | 20 |
| **Additional Supporting Information** |
| Opportunity to provide additional information to support your submission.  | 3 pages | 10 |
| **Total Score** | 100 |

**Design Criteria – Category 2 – consultant fees greater than $1M**

|  |  |
| --- | --- |
| **Criteria** | **Scoring** |
| **Mandatory Criteria** |
| Confirm that the entrant is a member of the PWI NSW | Pass/fail |
| If a study or report, then confirm that the study, or report was completed in 2024. | Pass/fail |
| If the subject is a concept or reference design, then confirm that the design was completed in 2024 | Pass/fail |
|  If the subject is a design & construct project, then confirm that the design has been substantially completed in 2024.  | Pass/Fail |
| **Project Description** |
| Describe the rail project including the key design objectives.  | 300 words | 10 |
| **Benefits to the community, end-user and rail industry.** |
| Describe the key benefits of the rail project for the end-user(s) which might include community, freight operators or passengers. | 350 words | 15 |
| Describe the key benefits to the rail industry which may include:* Building capacity
* Building capability
* Improving design methodology
* Improving rail industry culture
* Improving diversity outcomes

   | 500 words | 15 |
| **Approach to solving design challenges** |
| Describe the key risks, opportunities and challenges of the project. Describe how were these addressed in the report or design.  You might like to consider safety in design; environmental constraints; customer and community concerns and sustainability outcomes.Were there any unknowns and how did you address these? | 400 words | 20 |
| Describe any processes or approaches applied to solve the challenges.  On reflection, would you have done anything differently, and if so what was it? You might like to consider the use of innovation or digital approaches applied.  |  500 words | 15 |
| Describe the team culture and how the following were considered:* Diversity
* Developing pipeline of talent in the rail industry
* Working across regions to deliver the design
* Creating a team
* Enhancing team culture
* Communicating
* Managing and solving for clashes
* Asset management data for future operations and maintenance needs

  | 350 words | 20 |
| **Additional Supporting Information** |
| Opportunity to provide additional information to support your submission.  | 3 pages | 10 |
| Total Mark | 100 |