Wastewater Treatment Plant Category

**Important information for applicants**

* Read the Applicant Guidelines before completing and submitting your application.
* You must answer all questions in the application form. Incomplete applications will not be considered. We may request additional information to support the evaluation process.
* Read the sample funding agreement template and answer the questions about the agreement on page 2 of the application.
* You must provide the current year’s financial statements and audited statements for the previous three years for the applicant. If the applicant is a new trading entity and financial statements are not available, the following may be considered:
* financial statements of another entity with a common directorate
* financial statement of the parent company (if the entity is a subsidiary company)
* an account prepared (by a CPA or CA qualified accountant) for the duration of the operation (if the entity has been operating for less than one year).
* Applications that do not include appropriate financial statements for the applicant will not be considered for funding as a complete due diligence assessment cannot be undertaken.
* Don’t forget to attach other supporting evidence you would like considered in your Application, such as supplier quotations, agreements, letters of support, and a project team capability statement to your email.

**How to submit your application**

* Applications must be submitted before **5 pm (AEST) on 2 June 2021**.
* Email your completed Application and other supporting documents to [hydrogen@qld.gov.au](mailto:hydrogen@qld.gov.au)
* You can submit your completed Application at any time but you must submit before the deadline.

# PART A: APPLICANT DETAILS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Applicant contact details | | | | |
| Name of legal entity | Click here to enter text | | | |
| Trading name (if different) | Click here to enter text | | | |
| ABN or ARBN | Click here to enter text | | | |
| Type of organisation | Choose an item | | | |
| Business street address | Street No | Street Name | | |
|  | Suburb | | Postcode | Choose an item |
| Business postal address | Click to enter PO Box or Locked bag number | | | |
|  | Suburb | | Postcode | Choose an item |
| Key contact person | Contact Name | | | |
| Contact Position | | | |
| Contact Phone Number | | | |
| Contact Email | | | |
| Organisation website | Organisation web site | | | |
| Organisation details  *Provide an overview of the structure, business activities, products and services of your organisation* | Enter organisational details | | | |

# PART B: PROJECT FUNDING AND AGREEMENT

|  |  |  |
| --- | --- | --- |
| Project funding arrangements | | |
| Total project cost | AUD $ 0.00 | |
| Total funding requested from HIDF Round 2 | AUD $ 0.00 | |
| Total received from other grant or funding programs\* | AUD $ 0.00 | |
| Total financial contribution from applicant | AUD $ 0.00 | |
| Total in-kind contribution from all sources\*\* | AUD $ 0.00 | |
| \* provide details of each grant or funding program | *Funding program* | *Amount received* |
| Click to enter text | AUD $ 0.00 |
| Click to enter text | AUD $ 0.00 |
| Click to enter text | AUD $ 0.00 |
| Click to enter text | AUD $ 0.00 |
| \*\* provide details for in-kind contributions | *Details of contributor and the contribution* | *Value of contribution* |
| Click here to enter text | AUD $ 0.00 |
| Click here to enter text | AUD $ 0.00 |
| Click here to enter text | AUD $ 0.00 |
| Click here to enter text | AUD $ 0.00 |

Identify any terms in the funding agreement template that the applicant does not accept, accepts in part or does not consider to be applicable. Applicants should be aware that low compliance with the terms in the funding agreement template may impact on the department’s assessment of project risk. Strong compliance with the funding agreement terms will generally increase the merit of a project in the project risk and mitigation criteria.

|  |  |  |  |
| --- | --- | --- | --- |
| Clause | Position | Reason / Qualification | Proposed alternative wording |
| clause | Choose an item. | Click or tap here to enter text | Click here to enter response |
| clause | Choose an item. | Click or tap here to enter text | Click here to enter response |
| clause | Choose an item. | Click or tap here to enter text | Click here to enter response |
| clause | Choose an item. | Click or tap here to enter text | Click here to enter response |
| clause | Choose an item. | Click or tap here to enter text | Click here to enter response |

# PART C: PROJECT DETAILS

1. Project description

|  |  |
| --- | --- |
| Provide a detailed description of the proposed project under each heading below. | |
| 1. Detailed description of the project\*   *\* a summary description may be published by the department if your project is successful* | Click here to enter response |
| 1. Project objectives | Click here to enter response |
| 1. Key project activities | Click here to enter response |
| 1. Intended project outcomes | Click here to enter response |

|  |  |
| --- | --- |
| Strategic alignment with Queensland’s hydrogen policy framework | |
| 1. Describe how your project aligns with Queensland’s hydrogen strategy[[1]](#footnote-2) objectives. | Click here to enter response |
| 1. Describe how your project increases the supply of renewable hydrogen in Queensland. | Click here to enter response |
| 1. Describe how your project aligns with HIDF Round 2 objectives to scale up hydrogen production and create demand that will support industry investment. | Click here to enter response |

|  |  |
| --- | --- |
| Carbon emissions reduction | |
| 1. Does the project result in a net reduction in carbon emissions? Quantify the reduction achieved. | Click here to enter response |
| 1. Describe any assumptions or limitation in the method for calculating the reduction in carbon emissions achieved through the project | Click here to enter response |

1. Plant and equipment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Plant and equipment | | | | |
| 1. Complete the table for each item of hydrogen equipment that will be purchased for the project | *Item* | | *Capacity / Size* | *Manufacturer and/or Supplier* |
| Item | | Capacity/Size | Manufacturer / Supplier |
| Item | | Capacity/Size | Manufacturer / Supplier |
| Item | | Capacity/Size | Manufacturer / Supplier |
| Item | | Capacity/Size | Manufacturer / Supplier |
| Item | | Capacity/Size | Manufacturer / Supplier |
| Item | | Capacity/Size | Manufacturer / Supplier |
| Item | | Capacity/Size | Manufacturer / Supplier |
| 1. Describe why you chose the equipment listed above and why it is suitable for your project | Click here to enter response | | | |
| 1. Provide status of discussions with suppliers of the equipment above | Click here to enter response | | | |
| 1. Describe any procurement issues or constraints that are known for specific items of equipment and describe how they may affect your project | *Item* | *Description of issue and affect on project* | | |
| Item | Click here to enter response | | |
| Item | Click here to enter response | | |
| Item | Click here to enter response | | |
| Item | Click here to enter response | | |
| Item | Click here to enter response | | |
|  | Item | Click here to enter response | | |
|  | Item | Click here to enter response | | |
| 1. Describe any general procurement matters that are important for the project, for example, delivery lead times, deposit requirements and payment schedules. | Click here to enter response | | | |

# PART D: MERIT ASSESSMENT

1. Project Location

|  |  |
| --- | --- |
| Project site | |
| 1. Provide the site address and real property description for all sites that are part of the project | Click here to enter response |
| 1. Ownership status i.e. owned by the applicant, leased, under contract or identified but not yet secured | Click here to enter response |
| 1. Describe the site including dimensions, zoning, native title status, current or historical use, existing infrastructure and surrounding land uses. | Click here to enter response |
| Provide a location plan showing surrounding land uses, sensitive places, infrastructure and significant natural features  Click here to insert attachment name for the location plan | |
| 1. Describe the approvals required for the construction and operation of the project.   Identify existing approvals and describe the key conditions. Note if new or amended approvals will be required.  *Where planning and development approvals are to be obtained, you need to demonstrate a clear understanding of the local, regional & state planning requirements and provide a plan to obtain them.* | Click here to enter response |
| 1. Is an environmental authority required for the activity, or if one is already in place, are amendments required to accommodate the project? For existing EA’s provide the authorised activities and key conditions that apply. | Click here to enter response |

|  |  |
| --- | --- |
| Major Hazard Facility | |
| 1. Does the project require Major Hazard Facility (MHF) approval? If so, provide details of the project aspects triggering MHF requirements | Click here to enter response |
| 1. Briefly describe the major incident hazards and corresponding control measures for the project to assist preliminary review | Click here to enter response |

|  |  |
| --- | --- |
| Infrastructure requirements | |
| 1. Does the project require electricity approvals, such as a generation authority, distribution authority or transmission authority? If so, what are the timeframes for obtaining the approval | Click here to enter response |
| 1. Does the project require electricity connection? If so, provide details on demand and source of power for the project. | Click here to enter response |
| 1. Does the project require water? If so, provide details on volumes and sources. | Click here to enter response |
| 1. Provide detailed information on the status of negotiations with service providers (e.g. power, water, gas) including the status of commitments (e.g. ‘in discussion’, executed non-disclosure agreement, memorandum of understanding, etc). | Click here to enter response |

1. System specifications

*Complete the tables below for any proposed hydrogen production or refuelling systems for the project.*

|  |  |
| --- | --- |
| Hydrogen Production Systems - technical specifications | |
| 1. Provide details of the hydrogen production system, including electrolyser and balance of plant (i.e. water treatment, cooling system, gas purification) | Click here to enter response |
| 1. Provide details of the hydrogen compression and storage system | Click here to enter response |
| 1. Provide the nominal power, system efficiency and nominal hydrogen output (kg/day) of the electrolyser. | Click here to enter response |
| 1. Provide a conceptual site diagram showing proposed plant and equipment and dimensions of the proposed development footprint. | Click here to enter response |

|  |  |
| --- | --- |
| Hydrogen Refuelling System - technical specifications (if applicable) | |
| 1. Describe the refuelling system proposed, including method of hydrogen supply for refueller, the compression, pre-treatment and dispensing equipment, and the physical dimensions. | Click here to enter response |
| 1. Provide details of the dispensing pressure/s and storage capacity of the refuelling station. | Click here to enter response |
| 1. Provide a description of operations, i.e. mobile storage units, onsite decanting proposals, likely frequency of delivery, etc | Click here to enter response |
| 1. Provide a conceptual site diagram showing proposed plant and equipment and dimensions of development footprint (Include file name of site diagram in answer). | Click here to enter response |

1. Project delivery

|  |  |
| --- | --- |
| Project plan | |
| Provide a project GANTT chart that includes:   * start and end dates and durations for the project and each project stage and milestone * key tasks in each project stage and task dependencies * stop/go points for project * periods where the project is expected to be dormant (for instance, due to a key resource being unavailable)   Click here to insert attachment name for the GANTT Chart | |
| 1. Describe any dependencies that are outside of the control of the applicant, such as resources or approvals from third parties that are needed to start or complete the project. | Click here to enter response |
| 1. Provide a summary of skills required for the project, and if they are available in-house or will be engaged externally. | Click here to enter response |
| 1. Provide any other information that may affect the project. If parts of the project are to occur outside of Queensland, identify those parts and the reasons here. | Click here to enter response |
| 1. Describe the procurement strategy for the project.   *Projects seeking funding of more than $2.5 million from the Queensland Government (exclusive of GST) will include a special condition requiring the recipient comply with the Queensland Charter for Local Content. The Charter can be accessed at* [*https://www.statedevelopment.qld.gov.au/industry/industry-support/qld-charter-for-local-content*](https://www.statedevelopment.qld.gov.au/industry/industry-support/qld-charter-for-local-content) | Click here to enter response |

|  |  |
| --- | --- |
| Project risks and mitigation | |
| Provide a risk management plan that describes the key risks for the project and proposed mitigation for each risk identified. Include technical, regulatory, cost, procurement and construction, scheduling, operational and market risks where relevant to your project.  Click here to insert attachment name for the risk management plan | |
| 1. Describe any risks identified from the proposed project location and/or surrounding land uses. | Click here to enter response |
| 1. Describe how you will address the identified locational, community and social risks | Click here to enter response |
| 1. Describe the approach to procuring key technical services for the project.   *You should consider how expertise required for the project will be sourced, i.e. licenced inspectors required for plant certification.* | Click here to enter response |

1. Priority project category merit criteria

|  |  |
| --- | --- |
| **WWTP category specific questions** | |
| 1. Describe the general configuration of the hydrogen system and production process as it links to the WWTP facility. | Click here to enter response |
| 1. Provide details and quantities for all inputs and outputs for the hydrogen plant. A process diagram indicating input and output flows can be attached (insert diagram file name in answer) | Click here to enter response |
| 1. Are any novel or alternative equipment or processes to be employed? If so, describe the novel aspect and provide a justification for inclusion in the proposed development. | Click here to enter response |
| 1. Describe the hydrogen products that will be produced, how they will be stored, distributed and/or dispensed to the end users. | Click here to enter response |
| 1. Describe the offtake arrangements for the project and provide details on the nature and status of discussions and major parties engaged. | Click here to enter response |
| 1. Describe how your project considers the end to end hydrogen ecosystem from production to use | Click here to enter response |
| 1. Describe how your project will maximise local content opportunities | Click here to enter response |

1. Capability and capacity of applicant

|  |  |
| --- | --- |
| Applicant experience and capability | |
| 1. Provide details of the applicant’s experience and capability to deliver the project. Include details for:  * Management, commercial, professional and technical expertise of the applicant * Examples of experience for the applicant and its personnel in delivering similar projects on time and budget * Details of any relevant accreditations, quality standards and benchmarks | Click here to enter response |
| 1. Confirm resources are in place to successfully manage the project to completion.   For example, provide details of your access to technical and engineering expertise and or qualified consultants. Include details of physical resources and facilities that you will need to deliver the project including confirmation they will be available at the times necessary during the project to successfully achieve the proposed outcomes | Click here to enter response |

1. Value for money

|  |  |
| --- | --- |
| Project benefits and value for money | |
| 1. Describe the local, regional and state-wide benefits from the project. Include benefits that will accrue from capital expenditure, employment for construction and operation of the project, skills development and training, and ongoing project expenditure. | Click here to enter response |
| 1. If the project provides additional benefits not captured above, describe them here | Click here to enter response |
| 1. Describe any potential adverse economic, environmental or social impacts that are likely to have a significant detriment, including the likelihood of occurrence and extent of the impact | Click here to enter response |

Please complete the **project data template** provided. The template requires details of the project budget, employment, and estimates of capital and operating costs and revenues for the project.

A project budget identifying all project costs by line item must be provided for all applications. The budget is to include all eligible and ineligible project costs and be sufficiently detailed for the Department to confirm:

* that each item included as an eligible project cost meets the HIDF Round 2 criteria as eligible
* the eligible and ineligible costs incurred for each deliverable (or discrete activity or project stage) to confirm co-contributions and enable development of project deliverables and an instalment schedule
* the total costs for the project.

Applicants are required to provide supporting evidence, such as supplier quotations, to verify and confirm project costs. An example showing how to calculate project funding contributions is provided in the HIDF Round 2 guidelines Appendix A.

# Checklist

|  |  |
| --- | --- |
| Ensure all boxes are checked before submitting your application | |
|  | To the best of my knowledge, I am eligible to submit an application |
|  | I have read the funding agreement template and answered the questions in Part B in relation to the funding agreement |
|  | I have read the HIDF Round 2 applicant guidelines and my project is eligible under one of the priority project categories |
|  | My application includes information responding to each merit criteria |
|  | I have completed the project data template with project costs by line item and attached supporting documentation for the project costings |
|  | I have attached all mandatory documents |
|  | In the case of a trust company, I have attached the deed of trust |
|  | The declaration has been completed by a person with authority to make the declarations on behalf of the applicant |

# Applicant Declaration

*This page must be completed and returned with the application.*

In this declaration, a reference to:

**Applicant** means the applicant for financial assistance under the Hydrogen Industry Development Fund Round 2

**Application** means the application (or any part of an application, supporting information or any other document) submitted by the applicant for financial assistance under the Hydrogen Industry Development Fund Round 2

**Department** means the Department of State Development, Infrastructure, Local Government and Planning

**Guidelines** means the published guidelines for the Hydrogen Industry Development Fund Round 2

**Project** means the project for which funding is sought and which is the subject of the application

**State** means the State of Queensland.

|  |  |  |  |
| --- | --- | --- | --- |
| Full name | | Click or tap here to enter text |  |
| Title | | Click or tap here to enter text |  |
|  | | | |
| I am authorised to make these declarations on behalf of the applicant. | | | |
| I declare that I have read and understood the guidelines, including the terms and conditions, confidentiality and privacy provisions. | | | |
| I declare that the proposed project outlined in this application and any associated expenditure has been endorsed by the applicant’s board/ management committee or a person with authority to commit the applicant to this project. | | | |
| I declare the applicant can fund the total project costs as set out in this application that are not covered by the Hydrogen Industry Development Fund Round 2 funding. | | | |
| I declare that the information contained in this application together with any supporting information provided is, to the best of my knowledge, accurate, complete and not misleading and can be relied on by the Department in determining whether or not to provide financial assistance to the applicant under the Hydrogen Industry Development Fund Round 2. | | | |
| I acknowledge that I may be requested to provide further clarification or documentation to verify the information in the application and the Department may, during the assessment process, consult with other government agencies about the project, and may also engage external technical or financial advisors to advise on information provided in the application. | | | |
| I permit the Department to undertake due diligence and credit checks on the applicant and related companies and directors, and to seek further information relevant to the assessment of the application. | | | |
| I declare that the applicant will comply with and require that its subcontractors and independent contractors comply with, all applicable laws. | | | |
| There are no matters related to the business interests of the applicant or any individual related to the project, which give rise to, or have the potential to give rise to, a conflict of interest, or cause any reputational issues for the Queensland Government. | | | |
| I undertake to promptly notify the Department if the applicant becomes aware of any change in circumstances that cause the information in the application or this declaration to be inaccurate. | | | |
| I declare that I am authorised to complete this form and acknowledge that by including my name in this application I am deemed to have signed this application. | | | |
|  | By checking this box, I agree to all of the above declarations and confirm all the above statements to be true | | |

1. The Queensland Hydrogen Industry Strategy can be downloaded from www.qld.gov.au/advancinghydrogen [↑](#footnote-ref-2)