



Australian Government

Australian Industry  
Participation Authority

# Australian Jobs Act 2013

AIP Plan reference code:

## Australian Industry Participation Plan Summary - Project Phase

**Nominated project proponent:** Sunwater Limited

### Project details

**Name:** Burdekin Falls Dam Improvement and Raising Project

**Location:** Burdekin Falls Dam Road, Mount Wyatt, Queensland, 4804

**Type:** Water supply facility

**Purpose:** Upgrade existing facility

**Capital expenditure:** \$500 million or more

**Description:** Burdekin Falls Dam (BFD) is owned and operated by Sunwater and is situated at AMTD 159.3km on the Burdekin River and by road, approximately 200km SSE of Townsville. The project proposes to raise the BFD to meet future water demand and support the dam's long-term viability. The proposed works involve raising the existing spillway by two metres, raising the left and right abutments – the walls either side of the spillway, raising and widening the saddle dams, and constructing a new saddle dam on the right bank. Raising the dam's height by two metres will deliver approximately 150,000 ML of additional water supply (medium-priority equivalent). A comprehensive forecast of future water demand was undertaken to inform the potential raising height. The independent assessment demonstrated that projected water demand may exceed current availability by 2031 and that a raising of two metres could address this future demand. Although BFD continues to operate, improvement works must be undertaken to bring the dam in line with modern engineering design and safety standards. The proposed dam raising provides an opportunity to increase water supply in the region and deliver the required safety upgrades to improve the dam's resilience to pass significant floods in the future. The key benefits of the proposed project will be: 1. Increased water supply supporting economic growth in the region 2. Increased resilience to extreme weather events 3. Bringing the dam in line with modern engineering design standards 4. Ensuring the dam meets the safety requirements set out in the Water Supply (Safety and Reliability) Act 2008 Qld. Planning for enabling works, geotechnical investigations and surveys have commenced, as well as consultation with key stakeholders and the community to progress an Environmental Impact Statement. Sunwater will be engaging both a Designer and Constructor as Non-Owner Participants to deliver the main works through an Alliance Contracting Model.

**Completion date:** 31 Dec 2031

### Key goods and services

Indicative list of key goods and services to be acquired for the project:

| Key goods and services       | Opportunities for Australian entities* | Opportunities for non-Australian entities | Explanation for no opportunities for Australian entities |
|------------------------------|--|---|--|
| Geotechnical Engineering     | Yes                                    | No  |  |
| Road Design                  | Yes                                    | No  |  |
| Traffic Impact Statement     | Yes                                    | No  |  |
| Road Construction            | Yes                                    | No  |  |
| Relocation of Energy cabling | Yes                                    | No  |  |

|   |     |     |
|---|-----|-----|
| Design and Construct Water Treatment Plant                        | Yes | No  |
| Design and Construct Sewerage Treatment Plant                     | Yes | No  |
| Design and Construction Camp Village                              | Yes | No  |
| Design and Construction of Batching Plant                         | Yes | No  |
| Transaction Manager   | Yes | No  |
| Main Dam Concrete Core Testing                                    | Yes | No  |
| Asphalt Supply including installation                             | Yes | No  |
| Communications and computer hardware                              | Yes | No  |
| Concrete - Active Anchors (post tensioned)                        | Yes | Yes |
| Concrete - Batch Plant  | Yes | No  |
| Cranes - Gantry   | Yes | No  |
| Fibre Optic and Communications Cables                             | Yes | No  |
| Food and Beverages  | Yes | No  |
| Formwork Supply   | Yes | No  |
| Fuel Bowser Facility  | Yes | No  |
| Fuel Supply   | Yes | No  |
| Furniture   | Yes | No  |
| GIS Support, Equipment and Software                               | Yes | No  |
| Handrails and Guardrails  | Yes | No  |
| Haulage Management Software                                       | Yes | No  |
| Hydraulic Infrastructure  | Yes | No  |
| Hydraulic Systems   | Yes | No  |
| Light Vehicles  | Yes | No  |
| Office Supplies   | Yes | No  |
| Personal Protective Equipment & Safety Systems                    | Yes | No  |
| Piling  | Yes | No  |
| Piled Foundations   | Yes | No  |
| Pipes and Valves  | Yes | No  |
| Plant Equipment (Dry Hire and Sales)                              | Yes | No  |
| Prefabricated Buildings   | Yes | No  |
| Pumps & Piping  | Yes | No  |
| Quarrying & Borrow Pits including Crushing and Screening          | Yes | No  |
| Reinforced Steel Supply   | Yes | No  |
| Reinforcing Steel Mesh  | Yes | No  |
| Retaining Walls   | Yes | No  |
| Road Header for Retrofit Gallery                                  | Yes | No  |
| Detailed Designer   | No  | Yes |
| Telecommunications Upgrade, Fibre Optic and Communications Cables | Yes | No  |

The Detailed Design package will be offered to both National and International Suppliers

\*An Australian entity is an entity with an ABN or ACN

Project standards:

Australian

International

## Supplier information and communication

Project proponent's contact person for supplier enquiries:

**Contact person name** Kate Gregson  
**Contact person position** Principal Procurement Advisor - Infrastructure  
**Phone number** 0731200265  
**E-mail** bfdprocurement@sunwater.com.au

Project proponent website: <https://www.sunwater.com.au/projects/burdekin-falls-dam-raising/>

Project opportunities website: ICN Gateway (<https://gateway.icn.org.au/project/8089/burdekin-falls-dam-improvement-and-raising-projects>) and QTenders.

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies on project opportunities and bid processes
- Conduct supplier information briefings on project opportunities and bid processes
- Issue media releases or ASX announcements on project developments and opportunities
- Develop and distribute a supplier information guide for the project

## Building Australian industry capability

Supplier capability development actions:

- Recommend suppliers undertake training and/or accreditation
- Provide market intelligence to suppliers

Global supply chain integration actions:

- Support suppliers to register with global supplier databases
- Provide references for high performing suppliers

Feedback process for unsuccessful bidders:

Supplier feedback will be delivered via the Project procurement team. The approach, including any recommendations, regarding relevant training, skills, capability and capacity development activities will be underpinned by section 3.4.8 of the Sunwater Procurement Source to Contract Guideline document, which states: "At the conclusion of the procurement initiative, the Procurement Advisor will verbally advise unsuccessful suppliers and then issue an Unsuccessful Notification Letter to all unsuccessful Suppliers via email or post. The contact details of the relevant Procurement Advisor are outlined within the letter and can be referred to by unsuccessful parties when seeking to receive feedback of further clarifications relating to their unsuccessful proposal. Sunwater offers feedback sessions to all unsuccessful Suppliers. Should the offer be taken up, the Procurement Advisor will set up and attend the feedback session with the unsuccessful Suppliers requestor. Feedback will be provided if appropriate with input from the Procurement Advisor and probity advisor (where applicable). Feedback provided to the unsuccessful Supplier will be based around the strengths and weaknesses of the unsuccessful application based on the noted evaluation criteria. Sunwater will not divulge specific content relating to the successful Supplier or any other unsuccessful application received. The feedback to the unsuccessful Supplier may also include ways the unsuccessful Supplier can improve their offer for subsequent invitations from Sunwater."