

TASMANIAN IRRIGATION TRANCHE II

Duck Irrigation Scheme

PROJECT AGREEMENT FOR TASMANIAN IRRIGATION TRANCHE II

1. This schedule has been developed consistent with clause 13 of the Project Agreement on Tasmanian Irrigation Tranche II.
2. The Duck Irrigation Scheme will provide 5,200ML of high surety irrigation water to the greater Smithton region.
3. Water will be pumped at a rate of up to 90ML/day from the Duck River during winter and stored in the Mill Creek Dam. During the summer irrigation season water will be released from the Dam and distributed to irrigators in the Irishtown, Mella, Forrest and Smithton districts. The Smithton Pump Station will extract the water released into the Duck River from the Mill Creek Dam and distribute through the pipeline system during the irrigation season. At full demand the scheme will provide water at a rate of up to 45.5ML/day to irrigators.
4. The Project will be completed by July 2018 and fully operational in November 2018.
5. Major work elements of this irrigation infrastructure scheme include construction of:
 - (a) 6,000 ML Mill Creek Dam;
 - (b) 615KW Edith Pump Station and a 2.95km rising main to the Dam;
 - (c) 615KW Smithton Pump Station; and
 - (d) 61km of distribution pipeline.
6. Prior to the commencement of major works elements, Tasmania will be responsible for providing the Commonwealth with evidence of completion of dam design preliminary works by 31 May 2017, including:
 - (a) a Dam Safety Emergency Management Plan;
 - (b) a seismic hazard assessment;
 - (c) evidence of the stability of the proposed design in relation to geotechnical investigations into the foundation conditions and potential landslide risks;
 - (d) 'wave run-up' calculations confirming that the design allows appropriate freeboard for the storage; and
 - (e) design of an appropriate spillway solution for the expected site and hydraulic conditions.

7. In accordance with clause 13 of the Agreement, milestones for projects, their relationship to outputs, expected completion dates, relevant reporting dates and expected payments are set out in Table 1.

Table 1: Milestones, reporting and payment summary

Outputs	Milestones	Report due	Payment
Duck Irrigation Scheme	Dam Construction <ul style="list-style-type: none"> 15% of detailed design review completed 10% by area of dam site clearing completed Pipeline & Pump Station <ul style="list-style-type: none"> 15% of detailed design review completed 	9/6/2017	\$1,424,399
	Dam Construction <ul style="list-style-type: none"> 100% of dam site clearing complete 85% of detailed design review completed Pipeline & Pump Station <ul style="list-style-type: none"> 85% of detailed design review completed 50% HDPE piping delivered 20% Valve supply delivered 10% of piping installed 	17/11/2017	\$4,747,999
	Dam Construction <ul style="list-style-type: none"> Detailed design complete 70% above ground works quantity based completed Pipeline & Pump Station <ul style="list-style-type: none"> 85% of piping installation completed 80% of Edith pump station completed 80% of Smithton pump station completed 	1/5/2018	\$6,330,666
	Dam Construction <ul style="list-style-type: none"> Practical completion achieved as defined under the design and construct contract and Clause 9 below Pipeline & Pump Stations <ul style="list-style-type: none"> Practical completion achieved as defined under the design and construct contract and Clause 9 below 	10/8/2018	\$3,323,602

8. The Commonwealth will provide an estimated total financial contribution to this project of \$15,826,666 in respect of this Agreement as shown in Table 2. All payments are GST exclusive.
9. The Tasmanian Government will also be responsible for ensuring that, for the purposes of the practical completion, the project will:
- (a) be complete and free from defects or omissions, except for defects or omissions that are minor in nature, that the Tasmanian Government cannot reasonably fix, or by fixing, will significantly inconvenience users of the works;

- (b) not cause any legal or physical impediment to the use and occupation of the property and the works for the designated use; and
- (c) be fit for the designated use.

Table 2: Estimated financial contributions

	2016-17	2017-18	2018-19	Total
Estimated total budget	2,692,089	23,380,242	3,907,669	29,980,000
Less estimated National Partnership payments	1,424,399	11,078,665	3,323,602	15,826,666
Balance of non-Commonwealth contributions	1,267,690	12,301,577	584,067	14,153,334

SIGN OFF

The Parties have confirmed their commitment to this Schedule as follows:

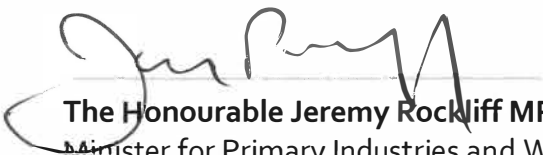
**Signed for and on behalf of the
Commonwealth of Australia by**



The Honourable Barnaby Joyce MP
Minister for Agriculture and Water Resources

Date: 6-1-17

**Signed for and on behalf of the
State of Tasmania by**



The Honourable Jeremy Rockliff MP
Minister for Primary Industries and Water

Date: 21/12/16