



Information for Industry and Contractors

Project/Bundle	Potential Value	Scope	Strategy	Timing to Market
Pilbara Wastewater Treatment Upgrades	\$200 million	Upgrade of existing WWTP at Karratha and relocation of South Hedland WWTP.	Bundle	October 2011

The Water Corporation is seeking to establish a Competitive Alliance for the delivery of its Pilbara Wastewater Treatment Plants in the locations of Karratha and Port Hedland. It is anticipated that the Request for Proposal documentation will be issued to the market in October 2011 with a 6 week proposal period. Proponents will be sought to form an Alliance with the Water Corporation to deliver the amplification of South Hedland Wastewater Treatment Plant and Karratha Wastewater Treatment Plant No.1 to 10MI/day capacity.

The scope of works for both locations is broadly as follows:

- Wastewater Treatment Plant (WWTP) Upgrade – consisting of inlet works (screens & odour control), new anaerobic ponds (2000m², 8m deep) and alterations to the existing treatment ponds. Wastewater is pumped via the wastewater system to the WWTP. Treated wastewater is then transferred to the Water Recycling Plant with the surplus treated wastewater directed to a land based disposal site.
- Water Recycling Plant (WRP) – consisting of new algae removal (DAF), membrane filtration and disinfection facilities (UV & chlorine). The WRP receives treated wastewater from the WWTP and further treats it to a standard suitable for non-potable water recycling.
- Treated wastewater disposal - consisting of pump station, conveyance pipework and distribution of surplus treated wastewater to a land based disposal system.

It is anticipated that short listing of the Proponents will be completed by December 2011 and the final award of the Alliance will be made by mid 2012. The date for practical completion of the works is June 2014.

For further details please contact Mark Donoghue, Principal Project Manager, at mark.donoghue@watercorporation.com.au

Project/Bundle	Potential Value	Scope	Strategy	Timing to Market
Pilbara Wastewater Conveyance	\$34.5 million	Upgrade of existing Pump Stations and new pressure mains for Karratha and Port Hedland.	Bundle	January 2012
Onslow Source and Distribution Upgrades	\$18 million	Construct new storage and upgrade existing distribution mains to Onslow.	Bundle	March 2012

North West Projects



Project/Bundle	Potential Value	Scope	Strategy	Timing
Harding Water Treatment Plant Upgrade	\$6 million	Increase production capacity – additional filtration and chemical dosing systems.	Design and construction	March 2012
East Pilbara Water Supply – Yule Source Upgrade	\$64 million	Replace 21km of existing supply main from Yule to South Hedland and upgrade existing distribution system to Post Hedland.	Bundle	June 2012
West Pilbara Water Storage Upgrades	\$19 million	Refurbish existing water tank at Karratha and build new Yannery Tank.	Design and construction	August 2011/ March 2012
Hedland Supply Upgrade	\$15.7 million	Pump station upgrades at Port Hedland and South Hedland and water pipeline upgrades.	Bundle	December 2012

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