



CRID Piping Network Design

Major Piping Investigation Underway

11 May 2020. Following a recent Expression of Interest (**EOI**) programme undertaken by Harvey Water for the design of a piped irrigation system for the Collie River Irrigation District (**CRID**), a shortlist of design organisations has been established.

The CRID, largely located in the Shire of Dardanup, comprises over 200 kilometres of open irrigation channels. Some of the channels are over 80 years old with around 30% of water passing through these channels being lost to leakage, seepage, evaporation, or inefficient delivery practices.

The CRID is the last remaining open channel district in the irrigated area now stretching from Waroona to Dardanup, operated by Harvey Water.

The replacement of the ageing open channel system with a new piped network, to be undertaken as part of Collie Water's Myalup–Wellington Project, would see the delivery of significant on-farm efficiencies and opportunities for agriculture and horticulture in the region.

Harvey Water received interest from a strong field of EOI applicants seeking to tender for the design and engineering of the CRID piping project contract. Collie Water and Harvey Water have shortlisted the following teams (shown in alphabetical order):

- GHD;
- Jacobs;
- Tonkin, Plexus Water & Energy and WML Consulting Engineers consortia.

Harvey Water's CEO, Bradd Hamersley, commented "Each of the firms shortlisted bring a strong pedigree in irrigation and mechanical infrastructure. We were pleased to see organisations with a strong West Australian and local presence participate".

The next stage of the CRID piping scheme will see these shortlisted firms invited to submit a proposal for the design scope.

About the Myalup–Wellington Project

The Myalup–Wellington Project is an industry developed initiative led by Collie Water, in response to increased salinity in the Wellington Dam catchment and in the dam itself, and inefficiency in the water distribution network below the dam. Increased salinity and reduced reliability of groundwater has restricted high yield fruit and vegetable production in the Myalup Irrigated Agriculture Precinct (MIAP), and has impacted agricultural activity in Harvey Water’s Collie River Irrigation District (CRID), as growers return water entitlements.

The project is a significant economic development project involving Collie Water, the State Government and the Commonwealth and key stakeholders, to substantially increase production capacity, create jobs and allow economic uplift in the region.

The project will be majority funded by Collie Water. In addition, the State Government has committed \$35 million in grant funding and the Commonwealth will contribute \$140 million from the National Water Infrastructure Development Fund.

The project’s construction programme includes ‘above the dam’ works (ie a new water treatment plant in Collie and associated pipe and pump infrastructure) and ‘below the dam’ works (to upgrade the open channel water delivery system in the CRID and to extend the new system to the MIAP).

About Collie Water

Collie Water is the trading name of Myalup Wellington Water Corporation Pty Ltd. Collie Water is a special-purpose company formed to implement and operate the Project. Collie Water was established by WA water solutions provider Aqua Ferre.

Aqua Ferre was founded by corporate advisory group Pendulum Capital and agri-supplier Regal Grange Group, to develop water projects across the state.

About Harvey Water

Harvey Water is an irrigator cooperative which delivers non-potable water to its members and a broad customer base, located in the premium south west growing districts, 100 kilometres south of Perth.

Harvey Water draws its water from local dams through a licensing agreement with the Department of Water and Environmental Regulation and delivers through gravity flow in a network of channels and pipes to the Harvey, Waroona and Collie River districts.

Harvey Water's 720 irrigator members and 350 non-member customers receive a sustainable and efficient water supply for agriculture, industrial, mining, construction, hobby farming, garden, fire attenuation and community use.