



MEMORANDUM

EUGENE WATER & ELECTRIC BOARD



TO: Commissioners Brown, Mital, Helgeson, Manning and Simpson
FROM: Mel Damewood, Engineering Manager
DATE: May 22, 2014
SUBJECT: Hayden Bridge Intake Improvements – Phase 2
OBJECTIVE: Board approval granting EWEB’s General Manager the authority to award the Hayden Bridge Intake Improvements – Phase 2 Construction Contract

Issue

EWEB recently advertised the Hayden Bridge Intake Improvements – Phase 2 project to obtain construction bids. The project includes in-water work that is permitted by the Army Corps of Engineers to begin on July 30th, 2014. The project and bidding schedule was developed to have a construction contract awarded following Board approval at the July 1st, 2014 Board meeting. The July Board meeting has been rescheduled to July 22, 2014 which will not allow sufficient time for a contractor to mobilize to the site and meet the in-water work permit requirements. Staff is requesting the Board grant the General Manager the authority to award the Phase 2 construction contract

Background

EWEB has two water intake structures which draw water from the McKenzie River and pump it to the Hayden Bridge Filtration Plant. Intake Structure 1 was constructed in the late 1940s and Intake Structure 2 was constructed in the late 1950s.

In 2014, EWEB completed improvements to Intake 1 which included significant structural and seismic improvements; new mechanical equipment including piping, valves, and two new pumps; new electrical equipment, a new electrical/compressor building, and new intake screens to meet current regulatory requirements. This project was phase 1 of a two phase project. Phase 2 was scheduled to be constructed in 2014.

Discussion

In May 2014, staff completed design of the Hayden Bridge Intake Improvements - Phase 2. The project scope includes:

- Significant seismic upgrades for Intake 2.
- New mechanical systems include pump discharge piping, valves and a new de-silting system.

- A new 54-inch pump discharge pipe across Marcola Rd.
- Two new water intake screen systems to meet current regulatory requirements.

The Engineer's estimate for the construction contract is \$2,500,000. The project includes underwater construction and rock excavation, two items that are difficult to estimate and have significant affects on the construction cost. The estimated amount listed was based on the costs incurred for the Phase 1 Improvements and represents our best estimate of the most probable construction cost.

There is \$2,722,000 budgeted for 2014, this includes the contract, EWEB labor and overheads. An additional \$300,000 is in the budget for 2015. Construction is to begin in July 2014 and be completed by January 2015, with the in-water work being completed between July 30th and September 14th, 2014.

TBL Assessment

A triple bottom line assessment was not completed for this work. This work is rehabilitation/renewal work and also brings our intake screens within fish/fry velocity standards per federal requirements.

Recommendation

Staff recommends that the Board grant authority to EWEB's General Manager to award the contract for the Hayden Bridge Intake Improvements – Phase 2 to the lowest responsible bidder on July 1st, 2014 for a contract amount up to \$2,700,000.

Requested Board Action

Staff requests that the Board approve granting the General Manager the authority to award the Hayden Bridge Intake Improvements – Phase 2 construction contract. If you have any questions or need further information please contact Mel Damewood at 541-685-7145 or email mel.damewood@eweb.org.