

Adit 4 Tunnel Spoils Stabilization Project North Fork Stanislaus River Hydroelectric Project



August 3, 2016
Facilities Committee Meeting

Background

- Project updates provided to the Facilities Committee on February 3rd, March 2nd, and July 6th in closed session
- Proceeding under accelerated timelines to stabilize site and prevent further erosion as required by State/Federal regulations and agreements
- Effectively ready to commence with design and permitting of the preferred alternative

Needed Resolution

- Requesting that the Commission delegate purchase order approval authority to the General Manager
 - Engineering
 - Potential environmental permitting support
- Public works construction bidding anticipated in Spring 2017
- Narrow seasonal construction window
- Expedited contract approvals above \$250,000 are needed to construct in 2017

Selection Process for Engineering

- Solicited proposals from five (5) qualified engineering firms
- Three (3) attended the mandatory pre-proposal job walk
- Received two (2) engineering proposals on August 2nd from GHD Engineering and GEI Consultants. We have existing Multi-Task Services Agreements with both firms.
 - Engineering Design Phase costs range from \$220,434 to \$397,807 depending on selected approach & options.
 - Engineering Services during the construction are estimated to be on the order of an additional \$300,000.

Selection Process for Engineering

- Anticipate negotiating and being ready to award the engineering design phase purchase order by mid-August.
- Scope of engineering services during construction may be modified and will be evaluated for award in Spring 2017 along with the construction contract.

Financial

- Preliminary Cash Flow Estimates \$4.5M
 - Remaining 2016 estimated at \$0.3M
 - Engineering consulting
 - Staff time (project management, permitting, bidding)
 - 2017 Construction estimated at \$4.2M
 - General contractor
 - Quality control and inspection
 - Level of insurance reimbursement to be determined

Resolution

- Authorize the General Manager to issue Purchase Orders for the not to exceed amount of \$500,000 against the previously approved Multi-Task Services Agreements for engineering and permitting support associated with the Adit 4 landslide