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 2\textsuperscript{nd} 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