



**AGENDA
BILL
Item 6.C**

**Geneva Reservoir and SVWTP
Booster Station Seismic Retrofits
Professional Services Agreement
Amendment Approval**

DATE SUBMITTED:	October 22, 2024	MEETING DATE:	October 30, 2024
TO: BOARD OF COMMISSIONERS		FROM: Greg Nicoll, District Engineer	
GENERAL MANAGER APPROVAL			
ATTACHED DOCUMENTS		1. Amendment No. 1 to Professional Services Agreement with Wilson Engineering	
TYPE OF ACTION REQUESTED		RESOLUTION <input type="checkbox"/>	FORMAL ACTION/ MOTION <input checked="" type="checkbox"/>
		INFORMATIONAL /OTHER <input type="checkbox"/>	

BACKGROUND / EXPLANATION OF IMPACT

In early 2024, the District was awarded a FEMA Hazard Mitigation Grant (HMG) to complete seismic retrofits to the Geneva Reservoir and the Sudden Valley WTP Booster Station building (also known as the “Pump House”). In May 2024, the Board approved execution of a professional services agreement with Wilson Engineering (Wilson) for preliminary design services. The scope of work for this contract was limited to preliminary evaluation of an alternative proposed by Wilson to replace the Geneva reservoir with two new concrete reservoirs rather than seismically upgrading the existing reservoir. Preliminary evaluation determined that the project cost for this option would be more than double the grant funds available and discussions with the HMG administrator, Washington State Emergency Management Division (WA-EMD) determined that additional grant funds could not be made available to fund the additional costs associated with the proposed reservoir replacement.

In light of the results of this preliminary evaluation, District staff directed Wilson to immediately stop all work on the original scope of work and requested a contract amendment proposal to complete preliminary design for the originally planned scope of work to structurally retrofit the Geneva reservoir to meet current seismic standards. The proposed amendment will reallocate the remaining budget from the original scope of work (reservoir replacement) to the revised scope (seismic upgrade) supplemented by additional budget needed to complete the revised scope of work.

The revised scope of work, which is described in further detail in the attached fee proposal, will complete a seismic and structural evaluation of the existing Geneva reservoir and Pump House, complete geotechnical evaluation of the soils supporting and surrounding the reservoir and Pump House and provide a conceptual design and construction cost estimate for the recommended improvements.

Following completion of the scope of work included in Amendment 1, District staff will develop with Wilson a second amendment to the contract to add final design and bidding assistance for both the Geneva reservoir and the Pump House for the Board’s consideration.

FISCAL IMPACT

The authorized budget for the Professional Services Agreement with Wilson Engineering will be revised as follows:

Original Contract Amount	\$ 46,938.00
Total Additional Authorized budget	\$ 83,912.25
Revised Total Authorized Contract Amount	\$ 130,850.25

As discussed in the Background section above, this project is funded by a FEMA Hazard Mitigation Grant that funds 95% of eligible project costs. Funding for Phase 1, which includes design and permitting for the project, is summarized in the table below:

Project Budget - Phase 1 (Design and Permitting)		\$ 248,000.00
<i>District Funds</i>	5%	\$ 12,400.00
<i>FEMA HM Grant</i>	90%	\$ 223,200.00
<i>EMD HM Grant</i>	5%	\$ 12,400.00
Revised Total Authorized Contract Amount - Amendment 1		\$ 120,150.00
Remaining Balance - Phase 1		\$ 117,149.75

The remaining Phase 1 balance will be used to fund final design for the project.

APPLICABLE EFFECTIVE UTILITY MANAGEMENT ATTRIBUTE(S)

- Product Quality
- Infrastructure Strategy and Performance
- Community Sustainability

RECOMMENDED BOARD ACTION

Staff recommends that the Board authorize the General Manager to execute Amendment No. 1 to the Professional Services Agreement with Wilson Engineering.

PROPOSED MOTION

Recommended motion is:

“I move to authorize the general manager to execute Amendment No. 1 to the professional services agreement with Wilson Engineering for seismic evaluation and conceptual design for the Geneva Reservoir and SVWTP Booster Station Seismic Retrofits Project as presented.”