

SUBJECT

BOARD RESOLUTION NO. 16-245

Pertaining to an agreement with GEI Consultants, Inc. to provide a structural assessment of McCarrons Water Treatment Plant.

BACKGROUND INFORMATION

Staff is seeking approval of a \$59,000 professional services agreement (PSA) with GEI Consultants, Inc. (GEI) to provide a detailed structural assessment of the treatment plant foundation and important integral assets within the plant. The assessment of the treatment plant foundation was identified as a high priority in the 40-year Master Plan completed by CH2M in the fall of 2014.

Following Board approval, City Contracts and Analysis will prepare and execute a Professional Services Agreement, which will include the City's standard terms and conditions, liability and insurance language, and the following:

Proposed Work

- 1) Work with SPRWS staff to collect design drawings, specifications, and construction photos for review.
- 2) Inspect the superstructure and install groundwater monitoring wells.
- 3) Test pit exploration and timber pile examination (optional task).
- 4) Perform structural assessment and provide final reporting.

Cost: Not to exceed \$59,000

Term: March 1, 2016 - March 31, 2017

See attached Report and pertinent sections of the GEI Proposal.

RECOMMENDATION

Approval is recommended.

REPORT

Structural Assessment of the McCarrons Water Treatment Plant

January 22, 2016

Previously completed 40-year Master Plan

SPRWS completed a Master Plan for the McCarrons Water Treatment Plant (WTP) and other production facilities in August 2014. The purpose of the Master Plan was to identify the major capital improvements required over the next 40 years and provide a roadmap for orderly implementation. Since the WTP will remain in service for many years to come, it is important to conduct a detailed condition assessment of the building foundations and pilings to identify any major deficiencies.

As part of the 40-year outlook, SPRWS is considering some significant changes to the facility. Within the next 10 years, it is anticipated that new softening basins, new recarbonation basins, and a new ozone treatment system will be added. This large investment is another reason to identify and repair any structural issues as soon as possible.

A Request For Proposal (RFP) was advertised by the City of Saint Paul Contracts and Analysis Services (CAS). Three proposals were received from local consulting firms AECOM, GEI Consultants, Inc. and Wiss, Janney, Elstner Associates, Inc. All three were reviewed and scored by a SPRWS selection committee.

Scoring:

<u>Criteria</u>	<u>Max Points</u>	<u>AECOM</u>	<u>GEI</u>	<u>WJE</u>
Staff Qualifications	20	18.7	19.7	20.0
Related Experience	20	18.7	19.7	20.0
Approach	30	22.0	22.3	25.3
Compensation	20	7.0	20.0	15.0
Project Schedule	10	10.0	10.0	10.0
Total	100	76.4	91.7	90.3

Final Results:

	<u>Cost</u>	<u>Score</u>
AECOM	\$175,800	76.4
GEI	\$ 59,000	91.7
WJE	\$ 78,010	90.3

The selection committee found that GEI's project team demonstrated the expertise and understanding to perform the structural assessment for SPRWS. GEI's related project experience and approach to the project aligns with the RFP's Scope of Work.