

STAFF REPORT

To: Mayor and City Council

Agenda Item: E.5
Date: **02-08-2012**

Thru: Andrew Clinger, City Manager

Subject:

Staff Report (For Possible Action): Approval of an Agreement with Stantec Consulting Services for Evaluation and Design Services for the Septage Receiving Facility and Headworks Building at the Truckee Meadows Water Reclamation Facility in the amount of \$377,884 with Reno's share being \$259,342 (Sewer Enterprise Fund).

From: Robert Lee, Senior Civil Engineer, Public Works

Summary: The Headworks and Septage Receiving facilities at the Truckee Meadows Water Reclamation Facility (TMWRF) have exceeded their anticipated service life and have deteriorated. These facilities must be replaced or renovated to assure reliability. The Scope of Work with Stantec Consulting Services (Stantec) will provide a complete design for the Septage Receiving Facility, evaluate the condition of the Headworks facility to determine if a renovation of the existing facility is sufficient and for how long, or if significant improvements are warranted. Staff recommends Council approve an agreement with Stantec Consulting Services in the amount of \$377,884 with Reno's share being \$259,242 to be paid out of the Sewer Enterprise Fund.

Previous Council Action: None

Background: Wastewater flows conveyed through the collection systems of the entire Truckee Meadows are delivered to TMWRF at the Headworks structure where it is screened for large debris, then the wastewater advances to the next unit treatment process. The mechanical, electrical and structural systems that are part of the Headworks have severely degraded by the harsh environment in which they operate. Headworks also receives wastes trucked to TMWRF such as septage i.e. generally wastes resulting from the pumping of septic tanks. Septage warrants pretreatment before entering the Headworks, hence the need for the Septage Receiving Facility. The existing Septage Receiving Facility, originally constructed in 1983, has degraded to a condition requiring replacement. Due to this diminished functionality, a temporary septage discharge station is now being used at TMWRF. TMWRF is the primary facility to receive septage within the region.

Discussion: Staff has worked with Stantec Consulting Services to develop a scope of work to perform a comprehensive condition assessment and evaluate alternative improvements to Headworks to maintain operational reliability. The scope also provides for a complete design of a new Septage Receiving facility. Once the design is complete, it is anticipated that the Septage Receiving Facility will go out to bid for construction.

This will be a relatively small project and therefore Stantec's scope also includes construction management assistance. With the completion of these services, TMWRF will have a plan for moving forward with either a renovation or a replacement of the Headworks facility and a new Septage Receiving facility that will provide reliable operations in the foreseeable future.

This work was anticipated and included in the Capital Improvement Program (CIP) for TMWRF as approved by the Joint Coordinating Committee. In accordance with the interlocal agreement between the Cities of Reno and Sparks, this consultant agreement must be approved by both entities.

Financial Implications: The City of Reno will administer the agreement and will be reimbursed for a portion of the costs by the City of Sparks through the current cost sharing agreement for TMWRF operation and maintenance. The City of Reno and the City of Sparks share the cost of this project based upon their ownership of TMWRF, which is 68.63% for Reno and 31.37% for Sparks, as shown in Table 1.

Table 1 - Cost Sharing Between Reno and Sparks

Total Cost of Contract	Reno Share	Sparks Share
\$377,884	\$ 259,342	\$ 118,542
Percentages	68.63%	31.37%

The City of Reno sewer enterprise fund has two components that fund capital projects for the expansion of treatment plant capacity and the upgrades to existing plant facilities. Projects that require replacement or repair of facilities are funded through the existing user fee fund. Sewer enterprise funds are budgeted for this work.

Table 2 – Reno Cost Sharing Between User Fee and Connection Fee Funds

Reno Share of Contract Amount	User Fee Share	Connection Fee Share
\$ 259,342	\$ 207,474	\$51,868
Percentages	80%	20%

Recommendation: Staff recommends Council approve the agreement with Stantec Consulting Services for design and engineering evaluation services as described in the attached proposal in the amount of \$ 377,342 (\$259,342 being Reno's share funded by the Sewer Enterprise Fund) and authorize the Mayor to sign.

Proposed Motion: I move to approve the staff recommendation.

Attachment: Agreement for Consultant Services with Stantec Consulting Services