

STAFF REPORT

Date: February 12, 2020

To: Mayor and City Council

Thru: Sabra Newby, City Manager

Subject: **B.13. Staff Report (For Possible Action): Approval of Agreement for Construction Management Services with AECOM Technical Services, Inc. for the Truckee Meadows Water Reclamation Facility (TMWRF) Raw Sewage Pump Station Switchgear and LVDC-1A Switchboard Rehabilitation Project in the amount of \$298,200 with Reno's share being \$204,654.66. (Sewer Fund)**

From: Matt Smith, Associate Civil Engineer

Summary: Construction management services are required for the Truckee Meadows Water Reclamation Facility (TMWRF) Raw Sewage Pump Station Switchgear and LVDC-1A Switchboard Rehabilitation Project. The replacement of this electrical equipment will help to maintain a reliable and redundant power supply to key TMWRF facilities. Staff recommends Council approve the Agreement for Consultant Services with AECOM Technical Services, Inc. (AECOM) for construction management services as described in the attached scope of work in an amount not to exceed \$298,200 with Reno's share being \$204,654.66 (Sewer Fund).

Previous Council Action: March 28, 2018 - Council approved agreement with AECOM Technical Services, Inc. (AECOM) for engineering design services for the TMWRF Raw Sewage Pump Station Switchgear and LVDC-1A Switchboard Rehabilitation Project in the amount of \$302,685 with Reno's share being \$207,732.72. (Sewer Fund)

Discussion: The Truckee Meadows Water Reclamation Facility (TMWRF) is jointly owned by the Cities of Reno and Sparks. The City of Reno oversees the Capital Improvement Program (CIP) for TMWRF, while the City of Sparks manages operations.

This CIP project includes the replacement of the 2400-volt Raw Sewage Pump Station Switchgear, LVDC-1A switchboard and transformer. Replacement of this electrical equipment will help to maintain a reliable and redundant power supply to key TMWRF process facilities.

A recommendation for the award of the construction contract for this project to Nelson Electric is scheduled to be considered by Council on February 12, 2020, as a separate, but related item.

This agreement will provide construction management services during project construction and includes engineering services during construction, inspection, testing, startup assistance and Operations and Maintenance (O&M) documentation. AECOM was selected from the City's approved list of engineering consultants.

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 as follows: 68.63 percent for Reno and 31.37 percent for Sparks, as shown in Table 1. Costs for the City of Reno are budgeted in the Sewer Fund. This project is included in the TMWRF Capital Improvement Plan approved by the Joint Coordinating Committee (JCC).

Table 1 - Cost Sharing Between Reno and Sparks

Total Cost of Agreement	Reno Share	Sparks Share
\$298,200	\$204,654.66	\$93,545.34
Percentages	68.63%	31.37%

Legal Implications: Legal review has been completed for compliance with City procedures and Nevada Law.

Recommendation: Staff recommends Council approve the consultant agreement with AECOM for construction management services for the Truckee Meadows Water Reclamation Facility (TMWRF) Raw Sewage Pump Station Switchgear and LVDC-1A Switchboard Rehabilitation Project in an amount not to exceed \$298,200, with the City of Reno's portion being \$204,654.66 (Sewer Fund), and authorize the Mayor to sign.

Proposed Motion: I move to approve staff recommendation.

Attachments:

- RSP Switchgear COR Agreement CM AECOM-signed (PDF)