

STAFF REPORT

Date: June 12, 2019

To: Mayor and City Council

Thru: Sabra Newby, City Manager

Subject: **C.9. Staff Report (For Possible Action): Approval of Award of Contract to Triumph Electric for the Truckee Meadows Water Reclamation Facility (TMWRF) 120 Volt Electrical Equipment Replacement Project Phase I in an amount not to exceed \$392,720 with the City of Reno's share being \$269,523.74. (Sewer Fund)**

From: Kerri Lanza, Engineering Manager

Summary: Staff recommends Council award Triumph Electric the Truckee Meadows Water Reclamation Facility (TMWRF) 120V Electrical Equipment Replacement Project Phase I in an amount not to exceed \$392,720 with the City of Reno's share being \$269,523.74 (Sewer Fund). This project will replace select panel boards and transformers that are integral to miscellaneous low power operations of TMWRF processes and lighting.

Previous Council Action:

August 8, 2018 - Council approved an agreement with Farr West Engineering for design services for the 120V panel replacement project Phase I in the amount of \$96,620 with the City of Reno's share being \$66,310.31.

Background: 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 for TMWRF, while the City of Sparks manages operations. The 120V panels at TMWRF provide miscellaneous low power and lighting throughout the facility. Many of the panels need to be replaced and the availability of parts and proper servicing is getting more difficult.

Discussion: Following a plant-wide evaluation of electrical risk ranking at TMWRF, Farr West engineering designed for the replacement and rehabilitation of highest risked infrastructure. The 120V panels throughout the facility range in age from fairly newer (a few years old) to over 50 years old. Approximately 100 panels provide miscellaneous smaller loads and lighting with power throughout the facility. This construction effort will replace the high-risk ranked electrical infrastructure

Bids were opened on May 16, 2019. The lowest responsive and responsible bidder is Triumph Electric. The current CIP budget approved by the TMWRF Joint Coordinating Committee for the construction of this project will support the award of the base bid and the A and B alternate adds in the amount of \$392,720.

Table 1 presents a summary of the bids received:

Table 1 – Bid Summary

Item	Engineers' Estimate for Construction	Nelson Electric	Triumph Electric
Base Bid	\$298,011	\$264,905	\$272,910
Base Bid + A	\$384,995	\$344,205	\$338,360
Base Bid + A + B	\$456,795	\$398,405	\$392,720

The consideration of approval for an agreement with Farr West for construction management services for this project will also be considered by Council as a separate but related item.

Financial Implications: The City of Reno will administer the contract 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 Enterprise Fund. This project is included in the TMWRF Capital Improvement Plan that was approved by the Joint Coordinating Committee.

Table 1 - Cost Sharing Between Reno and Sparks

Total Cost of Contract	Reno Share	Sparks Share
\$392,720	\$269,523.74	\$123,196.26
Percentages	68.63%	31.37%

Legal Implications: The Contract was competitively bid in accordance with Chapter 338 of the NRS.

Recommendation: Staff recommends Council award contract to Triumph Electric the Truckee Meadows Water Reclamation Facility 120V Electrical Equipment Replacement Project Phase I in an amount not to exceed \$392,720 with the City of Reno's share being \$269,523.74 (Sewer Fund) and authorize the Mayor to sign.

Proposed Motion: I move to approve staff recommendation.