

## STAFF REPORT

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**Date:** January 23, 2019

**To:** Mayor and City Council

**Thru:** Sabra Newby, City Manager

**Subject:** Staff Report (For Possible Action): Approval of an Award of Contract to Nelson Electric Co., Inc. for the Truckee Meadows Water Reclamation Facility (TMWRF) Top Deck Lighting Rehabilitation Project in an amount not to exceed \$683,798 with the City of Reno's share being \$469,290.57 (Sewer Fund).

**From:** David Kershaw, Associate Civil Engineer

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**Summary:** The project consists of the construction of new top deck lighting around the primary/secondary treatment systems, which encumbers open water clarifier and aeration tanks at the Truckee Meadows Water Reclamation Facility (TMWRF), and removal of the existing lighting system that is at the end of its useful life. Staff recommends Council to award Contract to Nelson Electric Co., Inc. for the Truckee Meadows Water Reclamation Facility (TMWRF) Top Deck Rehabilitation Project in an amount not to exceed \$683,798 with the City of Reno's share being \$469,290.57 (Sewer Fund).

**Background:** The existing top deck lighting system around the open primary clarifiers, secondary clarifiers and aeration tanks is approximately 50 years old and is in need of replacement. The existing structural and electrical infrastructure for the lighting system is corroded beyond repair, does not operate reliably, and requires significant staff time to repair and maintain. Maintenance and replacement of the existing lighting system presents a fall hazard in the immediate vicinity of open water tanks. In addition, the lighting system does not provide adequate lighting for 24-hour safe staff operations around open tanks containing sewage.

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.

**Discussion:** Based on the previously completed top deck lighting rehabilitation evaluation, and in concurrence with TMWRF staff review and input, key improvements in the system were identified as being needed to provide reliable and safe lighting conditions across the entire top deck. The improvements for the top deck lighting system were designed and issued for bidding.

Bids were opened on December 13, 2018. The lowest responsive and responsible bidder is Nelson Electric Co., Inc. The current CIP budget approved by the TMWRF Joint Coordinating Committee for the construction of this project will support the award of the Bid in the amount of \$683,798.

Table 1 presents a summary of the bids received:

**Table 1 – Bid Summary**

Item	Nelson Electric Co., Inc.	PAR Electric Contractors, Inc.	K.G. Walters Construction Co., Inc.	Triumph Electric, Inc.
Bid	\$683,798	\$685,810	\$720,175	\$803,885

The consideration of approval for an agreement with Construction Materials Engineers, Inc. for construction management services for this project will also be considered by Council on January 23, 2019 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% for Reno and 31.37% for Sparks, as shown in Table 2. Costs for the City of Reno are budgeted in the Sewer Fund. This project is included in the TMWRF Capital Improvement Plan that was approved by the Joint Coordinating Committee (JCC).

Table 2 - Cost Sharing Between Reno and Sparks

Total Cost of Contract	Reno Share	Sparks Share
\$683,798	\$469,290.57	\$214,507.43
Percentages	68.63%	31.37%

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

**Recommendation:** Staff recommends Council to award Contract to Nelson Electric Co., Inc. for the Truckee Meadows Water Reclamation Facility (TMWRF) Top Deck Rehabilitation Project in an amount not to exceed \$683,798 with the City of Reno's share being \$469,290.57 (Sewer Fund), and authorize the Mayor to sign.

**Proposed Motion:** I move to approve the staff recommendation.

**Attachments:**