

STAFF REPORT

Date: 2/13/2019

To: Mayor and City Council

Thru: Sabra Newby, City Manager

Subject: Staff Report (For Possible Action): Approval of an Award of Contract to K.G. Walter Construction Co., Inc. for the Truckee Meadows Water Reclamation Facility (TMWRF) Spent Backwash & Primary Clarifier 1B 2019 Rehabilitation Project in an amount not to exceed \$865,700 with the City of Reno's share being \$594,129.91 (Sewer Fund).

From: David Kershaw, Associate Civil Engineer

Summary: Truckee Meadows Water Reclamation Facility (TMWRF) has 14 primary and secondary clarifiers which are critical infrastructure for the wastewater treatment process. As part of the annual Capital Improvement Program (CIP) for TMWRF at least one clarifier will be rehabilitated each year. Staff recommends Council to award K.G. Walter Construction Co., Inc. the Truckee Meadows Water Reclamation Facility (TMWRF) Spent Backwash & Primary Clarifier 1B 2019 Rehabilitation Project in an amount not to exceed \$865,700 with the City of Reno's share being \$594,129.91 (Sewer Fund).

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.

Discussion: Over years of continuous operation, the concrete tank structures and mechanical equipment require repairs and rehabilitation. The reliable operation of each of the 14 clarifiers and other concrete tanks at TMWRF are critical to the performance of the plant. Annual repair and rehabilitation of the clarifiers and other concrete tanks are included in the Joint Coordinating Committee approved TMWRF Capital Improvement Program. For this year's clarifier rehabilitation project the Primary Clarifier 1B and Spent Backwash tanks were selected.

The rehabilitation activities consist of rehabilitation of expansion joints, replacement of the steel roller wear ring, mechanical paddle system rehabilitation, providing minor repairs to concrete walls and some portions of the steel hardware, and re-coating of the steel hardware in the basin. This work is considered necessary to prevent further deterioration of aging concrete and steel components, which if not addressed could develop into more significant repair needs and compromise the treatment plant operations. The improvements for this project have been designed and bid.

Bids were opened on January 17, 2019. The lowest responsive and responsible bidder is K.G. Walters Construction 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 \$865,700.

Table 1 presents a summary of the bids received:

Table 1 – Bid Summary

Item	K.G. Walters Construction Co., Inc.	Farr Construction dba Resource Development Company
Bid with Force Account	\$865,700	\$898,768

The consideration of approval for an agreement with BJK Architecture & Engineering for construction management services for this project will also be considered by Council on February 13, 2019, as a separate, but related item

Financial Implications: The City of Reno will administer the construction contract and will be reimbursed for a portion of the cost 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 will share the cost of this project as follows: 68.63% for Reno and 31.37% for Sparks, as shown in Table 2. Funding from the City of Reno is budgeted in the Sewer Fund. This project is included in the TMWRF Capital Improvement Plan approved by the Joint Coordinating Committee. TMWRF plans to budget funds to design and implement one clarifier repair and rehabilitation project every year as part of its Capital Improvement Plan.

Table 2 – Cost Sharing Between Reno and Sparks

Total Cost of Contract	Reno Share	Sparks Share
\$865,700	\$594,129.91	\$271,570.09
Percentages	68.63%	31.37%

Legal Implications: The Contract was competitively bid in accordance with Chapter 338 of the NRS. NRS 338.147 provides that a local government shall award a contract for a public work for which the estimated cost exceeds \$250,000 to the contractor who submits the best bid pursuant to the requirements established in Chapter 338.147.

Recommendation:

Staff recommends Council to award K.G. Walter Construction Co., Inc. the Truckee Meadows Water Reclamation Facility (TMWRF) Spent Backwash & Primary Clarifier 1B 2019 Rehabilitation Project in an amount not to exceed \$865,700 with the City of Reno's share being \$594,129.91 (Sewer Fund), and authorize the Mayor to sign the contract.

Proposed Motion: I move to approve staff recommendation.