

## STAFF REPORT

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**Date:** July 22, 2015

**To:** Mayor and City Council

**Thru:** Andrew Clinger, City Manager

**Subject:** . **Staff Report (For Possible Action): Approval of Award of Contract to Gardner Engineering & Mechanical Services for construction of the Truckee Meadows Water Reclamation Facility (TMWRF) Heating, Ventilation and Air Conditioning Replacement (Chemical Building #3 and Cogeneration Building) in an amount not to exceed \$415,993.00, with the City of Reno's portion being \$285,496.00 (Sewer Enterprise Fund).**

**From:** Joe Coudriet, Associate Civil Engineer

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**Summary:** Staff recommends Council approve the award of contract to Gardner Engineering & Mechanical Services for construction of the Truckee Meadows Water Reclamation Facility Heating Ventilation and Air Conditioning (Chemical Building #3 and Cogeneration Building) Replacement Project in an amount not to exceed \$415,993.00.

**Previous Council Action:**

**November 6, 2013** Council approved a Consultant Agreement between CR Engineering and the Cities of Reno and Sparks for Phase I (evaluation) of the Truckee Meadows Water Reclamation Facility (TMWRF) Heating, Ventilation and Air Conditioning (HVAC) Evaluation and Improvement Project in the amount of \$100,000 with Reno's share being \$68,630 (Sewer Enterprise 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:** This project will replace aged HVAC facilities within the Chemical Building #3 and the Cogeneration Building. With the refurbishing and replacement of the polymer aging and delivery system underway in Chemical Building #3, and the new energy recovery system under construction (generator in the Cogeneration Building) the buildings are in need of improved and reliable HVAC systems. Aging and failing HVAC equipment is expensive to maintain and unreliable. The prior evaluation of TMWRF's HVAC system by CR Engineering noted the possibility of other equipment failure due to improper ventilation, temperature, humidity, water damage, and corrosive gases. Replacement of these systems will result in more efficient operation and will improve safety and working conditions for plant employees. Bids were

opened on June 16, 2015. The lowest responsive and responsible bidder is Gardner Engineering & Mechanical Services in the amount of \$415,993.00.

**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% for Reno and 31.37% 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 FY2015 Capital Improvement Plan that was approved by the Joint Coordinating Committee.

Table 1 - Cost Sharing Between Reno and Sparks

<b>Total Cost of Agreement</b>	<b>Reno Share</b>	<b>Sparks Share</b>
\$415,993.00	\$285,496.00	\$130,497.00
Percentages	68.63%	31.37%

**Legal Implications:** The contract was let pursuant to Chapter 338 of the Nevada Revised Statutes (NRS), and Gardner Engineering & Mechanical Services' response meets the legal requirements of Chapter 338 of the NRS.

**Recommendation:** Staff recommends Council approve the Award of Contract to Gardner Engineering & Mechanical Services for the Truckee Meadows Water Reclamation Facility Heating, Ventilation and Air Conditioning Replacement (Chemical Building #3 and Cogeneration Building) in an amount not to exceed \$415,993.00 (Reno's share being \$285,496.00 from the Sewer Enterprise Fund) and authorize the Mayor to sign.

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

**Attachments:**

- Bid Tabs Chem 3 and Cogen HVAC (PDF)