



# WASHOE COUNTY

Integrity Communication Service

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## STAFF REPORT

BOARD MEETING DATE: April 23, 2019

**DATE:** March 22, 2019

**TO:** Board of County Commissioners

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**THROUGH:** Dwayne Smith, P.E., Division Director, Engineering and Capital Projects  
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**SUBJECT:** Recommendation to approve the Agreement for Professional Consulting Services between Washoe County and Brown and Caldwell for the Cold Springs Water Reclamation Facility Headworks and South Truckee Meadow Water Reclamation Facility Clarifier Coating Project [\$159,800]. (Commission Districts 2 and 5.)

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### **SUMMARY**

This requested agreement is to provide specialized construction inspection and professional engineering services for a Washoe County Utilities project. This project combines work at the Cold Springs (CSWRF) and South Truckee Meadows Water Reclamation Facilities (STMWRF) located in Cold Springs and South Reno, respectively.

The project's scope of work consists of repairing deteriorating concrete and installing a protective coating on portions of the headworks, wet wells, and sewer conveyance appurtenances at CSWRF. The scope of work at STMWRF consists of applying a protective coating to two of the wastewater clarifiers and their appurtenances.

This agreement, if approved, would have Brown and Caldwell provide engineering and construction inspection services during the 21-week construction phase of the recoating project.

Strategic Objective supported by this item: Safe, secure and healthy communities.

### **PREVIOUS ACTION**

On February 12, 2019, the Board of County Commissioners (Board) awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the Combined South Truckee Meadows and Cold Springs Water Reclamation Facilities Coating Project to SoCal Pacific Construction Corp. dba National Coating and Lining Co., in the amount of \$979,935.

On May 22, 2018, the Board approved the Capital Improvements Plan for Fiscal Years 2019-2023.

AGENDA ITEM # \_\_\_\_\_

## **BACKGROUND**

A structural inspection was performed at CSWRF when concrete deterioration was noticed in the headworks, wet well, and other areas that convey sewage during the 2017 Cold Springs Facility Plan condition assessment. A recommendation was made to repair deteriorating areas of concrete and apply a protective coating to maintain structural integrity, serviceability, and safety at the treatment facility.

The 2016 STMWRF Facility Plan update also noted failing coatings on portions of some of the clarifiers and their appurtenances and made recommendations to recoat these assets to maintain their integrity and extend their useful life.

Brown and Caldwell consultants were contracted to provide design and construction documents to address the repair and recoating recommendations at both sites. The Utility determined that greater efficiencies and cost savings would be achieved by combining the two similar projects into one public works package.

## **FISCAL IMPACT**

The STMWRF coating site and the CSWRF coating site were identified and approved by the Board in the 2017-2018 Capital Improvement Program and the 2018-2019 Capital Improvement Program, respectively. The Professional Consulting Services Agreement of \$159,800 for the combined project will be allocated between the STMWRF site (\$112,510) and the CSWRF site (\$47,290). Sufficient funds and budget authority exist in the Utilities Fund (566). Authority for the STMWRF portion exists in project WR495123 account 710100 (Professional Services). Authority for the CSWRF portion exists in cost center 664950 account 710205 (Repairs and Maintenance). Revenues in support of this project are provided from monthly sewer rate charges.

## **RECOMMENDATION**

It is recommended that the Board of County Commissioners approve the Agreement for Professional Consulting Services between Washoe County and Brown and Caldwell for the Cold Springs Water Reclamation Facility Headworks and South Truckee Meadow Water Reclamation Facility Clarifier Coating Project [\$159,800].

## **POSSIBLE MOTION**

Should the Board agree with staff's recommendation, a possible motion would be: "Move to approve the Agreement for Professional Consulting Services between Washoe County and Brown and Caldwell for the Cold Springs Water Reclamation Facility Headworks and South Truckee Meadow Water Reclamation Facility Clarifier Coating Project [\$159,800]."