



WASHOE COUNTY

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STAFF REPORT

BOARD MEETING DATE: August 28, 2018

DATE: July 23, 2018
TO: Board of County Commissioners
FROM: Alan Jones, P.E., Sr. Licensed Engineer, Engineering & Capital Projects, Community Services Department, 954-4651, ajones@washoecounty.us
THROUGH: Dwayne Smith, P.E., Division Director, Engineering & Capital Projects, Community Services Department, 328-2043, desmith@washoecounty.us
SUBJECT: Recommendation to approve an Agreement for Consulting Engineering Services between Washoe County and Carollo Engineers Inc., commencing August 28, 2018 through January 31, 2020, to provide final engineering design and bidding services for the Pleasant Valley Reach 3 Sanitary Sewer Interceptor project within the South Truckee Meadows Water Reclamation Facility service territory [\$838,797]. (Commission District 2.)

SUMMARY

The Community Services Department is recommending approval of a professional services agreement with Carollo Engineers Inc. (Carollo) to provide final design engineering and bidding services for the Pleasant Valley Reach 3 Sanitary Sewer Interceptor project within the South Truckee Meadows Water Reclamation Facility (STMWRF) service territory.

Based upon the recently completed preliminary design, staff recommends finalizing the design for the Pleasant Valley Reach 3 Sanitary Sewer Interceptor project and bidding the project for construction. The project consists of approximately 12,700 lineal feet of gravity sanitary sewer, a 700,000 gallons-per-day capacity sewage pump station and approximately 2,140 lineal feet of sanitary sewer force main.

Washoe County staff conducted a qualifications-based selection process for an engineering consultant team to conduct the work. Carollo, a consulting firm with extensive wastewater treatment facility engineering expertise, was ranked highest amongst several other highly qualified regional engineering firms.

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

PREVIOUS ACTION

On May 22, 2018, the Board of County Commissioners (Board) approved the Capital Improvements Plan for Fiscal Years 2019-2023.

On June 13, 2017, the Board approved an agreement for consulting engineering services with Carollo to provide to provide facility planning and engineering design services for sanitary sewer interceptors within the STMWRF service territory.

On March 10, 2015, the Board approved an agreement for consulting engineering services with Carollo to provide facility planning services for the South Truckee Meadows Water Reclamation Facility.

On February 13, 2007, the Board approved an agreement for consulting engineering services with CH2M Hill Inc. to provide facility planning and preliminary engineering services for the South Truckee Meadows Water Reclamation facility.

On August 20, 2002, the Board adopted the South Truckee Meadows Water and Wastewater Facility Plan.

BACKGROUND

Washoe County owns and operates STMWRF, which provides sewer treatment to approximately 15,000 homes and businesses within southern Washoe County, including portions of the City of Reno.

The Pleasant Valley Interceptor project was identified several years ago as a project necessary to expand the service territory south in response to new development. The Reach 3 project will expand sewer service for the South Truckee Meadows from the Damonte Parkway to the vicinity of Town Drive.

Improvements to the existing Washoe County sanitary sewer infrastructure will also be included in this work, including expanding the existing reclaim system and improving the existing sewer collection system in the Brookside Mobil Home Park area.

The final design adds further detail to the alignments and lift station design and will include obtaining an encroachment permit from Nevada Department of Transportation and special use permits from the City of Reno. It is anticipated that several new easements will be needed along the alignment including some existing easements that will need to be re-aligned. A new parcel for the lift station will also be needed.

FISCAL IMPACT

The Pleasant Valley Reach 3 sanitary sewer interceptor project was approved by the Board in the Capital Improvement Plan for FY 2019-2023. Sufficient funds and budget authority exist in the Utilities Fund (566). A Budget adjustment will be processed in FY19 to move authority into project WR842017 account 710100 (Professional Services). Revenues in support of this project are provided from developer sewer connection fees.

RECOMMENDATION

It is recommended that the Board of County Commissioners approve an Agreement for Consulting Engineering Services between Washoe County and Carollo Engineers Inc., commencing August 28, 2018 through January 31, 2020, to provide final engineering design and bidding services for the Pleasant Valley Reach 3 Sanitary Sewer Interceptor project within the South Truckee Meadows Water Reclamation Facility service territory [\$838,797].

POSSIBLE MOTION

Should the Board agree with staff's recommendation, a possible motion would be: "Move to approve an Agreement for Consulting Engineering Services between Washoe County and Carollo Engineers Inc., commencing August 28, 2018 through January 31, 2020, to provide final engineering design and bidding services for the Pleasant Valley Reach 3 Sanitary Sewer Interceptor project within the South Truckee Meadows Water Reclamation Facility service territory [\$838,797]."