

Douglas County Board of County Commissioners

AGENDA ACTION SHEET

Title: For possible action. Discussion to approve and award a contract to CH2M Hill, Inc. for instrumentation, controls, and Supervisory Control and Data Acquisition (SCADA) improvements related to the North Valley Wastewater Treatment Plant Improvements project and water and sewer utility SCADA improvements, in the amount of \$394,000, and authorize the Public Works Director to sign change orders up to 10% of the contract amount.
(Nicholas Charles)

Recommended Motion: Approve and award a contract to CH2M Hill, Inc. for instrumentation, controls, and SCADA improvements related to the North Valley Wastewater Treatment Plant Improvements project and water and sewer utility SCADA improvements, in the amount of \$394,000, and authorize the Public Works Director to sign change orders up to 10% of the contract amount.

Financial Impact: The North Valley WWTP project has identified funding through a State Revolving Fund (SRF) loan, Redevelopment Agency (RDA) funds, and a Community Development Block Grant (CDBG) totaling \$10,392,939. The proposed construction contract exceeds available funding, creating a project budget deficit of \$1,204,588 to \$1,284,503 (depending upon the general contractor the project is awarded to). It is proposed that this deficit be covered through capital reserves. The available balance in capital reserves is \$2,399,633 with total reserves in the Sewer Fund of \$3,118,954.

Prepared by: Nicholas Charles, Civil Engineer

Meeting Date: January 18, 2018 **Time Required:** 10 Minutes

Agenda: Administrative

Background Information: In September 2015, the Board of County Commissioners adopted the North Valley Wastewater Treatment Plant (NVWWTP) Capacity Study and Facility Plan and directed staff to begin the process of upgrading the NVWWTP (Project). The facility plan reinforced wastewater treatment limitations at the existing NVWWTP, identified system deficiencies, and evaluated both short and long-term improvement alternatives to meet current and future wastewater demands. A preferred alternative was developed based on both financial and non-financial considerations. The preferred alternative includes constructing a new Sequencing Batch Reactor (SBR) for liquid stream treatment and an aerobic digester's and geotextile dewatering for solid stream treatment. To implement the recommended improvements, Douglas County entered into contracts with CH2M Hill (Redding, CA) and Keller Associates (Roseville, CA) to complete design of the

proposed improvements. In March 2017, Douglas County entered into a contract to purchase preselected SBR equipment required for the project. Permitting of the project occurred between July and September 2017. Bids to construct the proposed improvements were opened in November 2017. At this time several contracts are required to effectively construct the proposed improvements. Detailed information regarding these proposed contracts can be found in the attached memorandum.

Agenda Item # 5