



Meeting Date: January 22, 2018

Agenda Item No. 2c

Report No. SUA-18-05

Purpose: Request authorization of Contract Amendment No. 1 (CA1) to the Professional Services Agreement (PSA) with Freese and Nichols, Inc. for final design, bidding and construction services for phase 2 of Project 16SG01 – WWTP Miscellaneous Improvements Project.

Budget Impact: Appropriation of an additional \$401,697 is necessary for the recommended action. Upon the SUA Trustees' approval of the recommended action, the required funds will be appropriated administratively from the Wastewater Fund, which has sufficient funds for this request. Expenditures in the amount of \$330,952 for phase 1 (professional services and construction) were authorized by SUA as part of the fiscal year 2016 budget (\$200,000) and a subsequent SUA action on December 4, 2017 (\$130,952). With previous project authorizations, approval of this request will bring the total project expenditure authorization to \$732,649. Funding for phase 2 construction will be requested after the design has been completed and contractor bids received.

Prior Council Action or Part of an Approved Project: Yes

Related Items: FY16 Approved Budget
[SUA-17-08](#) Authorization of PSA with Freese and Nichols, Inc

Alternatives: The following alternatives are available:

- Approve CA1. Design services for needed improvements at the WWTP will continue.
- Reject CA1. Based on guidance from the Trustees, staff will renegotiate the scope and fee with Freese and Nichols.
- Postpone the Project. Postponing the project will delay needed improvements at the WWTP.

Recommendation: Staff recommends that the Trustees authorize additional expenditures in the amount of \$401,697 (includes \$365,197 for professional services (CA1) and \$36,500 for permitting and contingency) for phase 2 of the WWTP Miscellaneous Improvements Project.

Prepared by: David Barth, WR Senior Project Manager

Reviewed by: William Millis, WR Director **Reviewed by:** Dan Blankenship, Deputy City Manager

Submitted by: Norman McNickle, City Manager

Background Information: In April 2017, the SUA Trustees authorized a Professional Services Agreement (PSA) with Freese and Nichols, Inc. (FNI) to evaluate multiple facilities at the Waste Water Treatment Plant (WWTP) and to design an automatic transfer switch (ATS) replacement (Phase 1). During Phase 1, FNI evaluated the digester covers, the digester gas collection system, grease accumulation at the headworks, improper mixing at the wet well outside the sludge building as well as fencing and roofing that is in disrepair. The evaluation was completed in December 2017 and an Engineering Report outlining several recommendations was submitted to Water Resources (WR) staff. The recommended improvements include a new fixed cover for Digester A, gas collection/handling and safety equipment for all three digesters, a grease handling system at headworks, aeration basin access and drainage improvements, new perimeter fencing surrounding the sludge fields and plant facilities and new roofing on four buildings at the WWTP. A scope and fee for the phase 2 services (final design, bidding and construction administration) for the recommended improvements has been negotiated and are included in contract amendment No. 1 (CA1).

The ATS replacement (Phase 1) bid was awarded by the Trustees on December 4, 2017 and construction will begin soon.