



STAFF REPORT
11/13/2024

TO: Honorable Mayor and City Council Members

FROM: Cástulo R. Estrada, Utilities Director

SUBJECT: Authorize Contract Amendment #1 for Coachella Sanitary District Headworks Screening Improvement Project S – 29 in the Amount not to Exceed \$53,050.00

STAFF RECOMMENDATION:

Authorize the City Manager to execute contract amendment #1 for Coachella Sanitary District Headworks Screening Improvement Project S – 29 in the Amount not to Exceed \$53,050.00

BACKGROUND:

On February 28, 2024, City Council authorized the execution of a Professional Service Agreement with Dudek in the amount of \$144,825.00 for final engineering plans, construction specifications and cost estimates for Coachella Sanitary District Headworks Screening Improvements.

DISCUSSION/ANALYSIS:

The initial contract covered the design of headworks screening improvements including the addition of a new screening device, screening conveyance device, dewatering device and associated combined control panel. The project has completed the 50% design submittal of the project and is in the process of completing the 100% design submittal for the project.

During the progressing of the design to 100%, it was determined that the area pre-selected for the installation of the combined control panel is a Class 1 Div 2 classification as per NFPA-820. This classification requires NEMA 7 control panel enclosures, the NEMA 7 control panel in this location will experience temperatures that exceed the safe working temperatures of the PLC components inside of the enclosures.

City staff and the project team propose that the conflict can be abated by relocating the proposed location for the control panel into the existing MCC building. In addition to the relocation of the Control Panel, changes must be made to the design documents that were not captured in the original scope of work, including the starters for the screens, conveyor, and washer/compactor being in the MCC, not in the vendor control panel. Dudek will provide additional schematic drawings and additional design time spent on the conduit block diagram and P&IDs.

FISCAL IMPACT:

An additional allocation of \$53,050.00 is requested from the Sewer Connection Fund (361) to CIP Project S-29 – 361-21-449-60-737-000

ATTACHMENTS:

1. Contract Amendment #1 Proposal for Coachella Sanitary District Headworks Screening Improvement Project