



MEMORANDUM

Council Agenda
Item No. X. I
9/26/2023

The City of OKLAHOMA CITY

TO: Mayor and City Council

FROM: Craig Freeman, City Manager

Concurrence with the Oklahoma City Water Utilities Trust in approving Amendment No. 1 to the Contract for Engineering Services with CP&Y, Inc. dba STV Infrastructure, Project ST-0161, Deer Creek Wastewater Treatment Plant Electrical Improvements, fee increase of \$1,431,930.

Location:

Deer Creek Wastewater Treatment Plant

Background:

This project provides for upgrades to the electrical infrastructure to ensure permit compliance will be maintained and the systems are reliable with safe operation of processes.

The engineer has completed the Electrical Phasing Plan, and the original contract allowed for a future amendment to engage the engineer's services for preparation of a preliminary report, final plans and specifications, bidding, construction administration, and other services related to this project. It has been determined to direct the engineer to proceed with preparation of a preliminary report, final plans and specifications, and bidding services for Phase I, which includes medium voltage system improvements, Transformer T1 area improvements, Transformer T4 area improvements, Structure 26 feeder improvements, and the standby power generation facilities. Construction administration, as-builts, and inspection services for Phase I and all services related to Phase II will remain possible through future amendments.

The engineer will also prepare a Design Guideline Document to standardize the design approach and provide consistency across projects. Additionally, the engineer will update the software model of electrical systems, perform initial short circuit calculations based on the medium voltage and low voltage 90 percent electrical design, and update the system model to account for the design change related to Phase 1.

The estimated construction cost of Phase 1 Improvements is approximately \$10,500,000; however, the expected value of the improvements is approximately \$14,000,000 as the improvements will allow for re-purposing of existing generators located at North Canadian Wastewater Treatment Plant and the Deer Creek Wastewater Treatment Plant.

Engineer:

CP&Y, Inc. dba STV Infrastructure

Engineering Fee:

Original Contract Amount	\$ 489,960
Amendment No. 1	<u>1,431,930</u>
Revised Contract Amount	\$1,921,890

Estimated Construction Cost:

\$10,500,000 (an increase of \$500,000) for Phase I

Source of Funds:

OCWUT - Sewer Facility Fund - OCWUT WW Trust Capital - Deer Creek Plant - Project ST0161
- Architect & Engineering (360-3560-3801600-07751-ST-0161-54040001)

Review:

Public Works Department

Recommendation: Concur with the Oklahoma City Water Utilities Trust in approving the Amendment.