



# MEMORANDUM

Council Agenda  
Item No. X. D  
1/2/2024

## 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. 6 to the Contract for Engineering Services with Carollo Engineers, Inc., Project WT-0159, Various Improvements to Strengthen the Redundancy and Resiliency for Water Treatment and Storage, Draper Water Treatment Plant, fee increase of \$223,064. Ward 4.

**Location:**

Draper Water Treatment Plant

**Background:**

This project consists of various improvements to strengthen the redundancy and resiliency for water treatment and storage at the Draper Water Treatment Plant. This project includes studies, preparation of plans and specifications, bidding services, construction administration and management, inspection, and as-built drawings for the improvements. These improvements include the addition of two new clearwells (10 million gallons total capacity) to the north of the new high service pump station, a new filtered water flume to convey filtered water from the east side of the existing filter building to the new clearwells, improvements to the plant water loop system, and replacement of the plant ammonia piping system.

Subsequent to execution of the original contract as previously amended, due to issues encountered with filter effluent and backwash waste flumes, and the subsequent emergency construction work, the start-up, testing and commissioning activities for WT-0159 have been placed on hold. As a result, the time of completion for construction of the project was extended a total of five months (from 55 months to 60 months). The Engineer will provide an additional construction administration and inspection services due to the project's extended time of completion.

The Engineer will also be required to provide Non-Compliance Notices (NCNs) to the Contractor, which require additional meetings, on-site visits, documentation, and submittal reviews. The notices were issued for the following items: 1) NCN-002, HOBAS Pipe; 2) NCN-004, Ammonia Feeders; 3) NCN-005, Clearwell Nos. 4 and 5 Cracking; 4) NCN-007 Emergency Loop Pumps; and 5) NCN-009, Excessive Submittals – Control Panels. Per the Special Provisions of the construction Specifications, (Item 12.E.4. Contractor Responsibility for the Work, Item 37.D.1. Defective Work, and Section 01330, Submittal Procedures, Item 1.07, B.4.a) costs associated with the NCN's shall be reimbursed to the Trust by the Contractor.

**Engineer:**

Carollo Engineers, Inc.

**Engineering Fee:**

Original Contract Amount	\$4,378,108
Amendment No. 1	75,650
Amendment No. 2	215,000
Amendment No. 3	696,735
Amendment No. 4	451,245
Amendment No. 5	410,713
Amendment No. 6	<u>223,064</u>
Revised Contract Amount	\$6,450,515

**Source of Funds:**

OCWUT-Water Facility Fund-Water Trust Capital-Draper Treatment-Project WT-0159-Architect & Engineering (360-3060-3901600-06610-WT-0159-54040001)

**Review:**

Public Works Department

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