



City Council Report

Date: July 10, 2023
To: City Council
Through: Marc Heirshberg, Deputy City Manager
From: Beth Huning, City Engineer
Marc Ahlstrom, Assistant City Engineer
Subject: Water Transmission Main Improvements Phase 1
City Project No. CP0832WR09
Council Districts – Citywide

Ratification of Emergency Purchase to Increase an Individual Job Order for City Project No. CP0832WR09 from \$4,000,000 to \$4,510,000

Purpose and Recommendation

The purpose of this report is to request City Council ratification of the emergency purchase resulting in an increased Job Order Contracting (JOC) contract limit from \$4,000,000 to \$4,510,000 for an individual Job Order for the Water Transmission Main Improvements Phase 1b project, due to an Emergency Purchase Order issued for the project on June 1, 2023 in the amount of \$560,000.

Background

This project involves inspecting and improving several large diameter water transmission pipes at various locations across the City.

During the inspection of the 42-inch Brooks Pump Station Water Transmission Main (see Area 7 of the attached Exhibit A - Council Map), the contractor discovered excessive corrosion of the pipe, which was originally installed in 1974. This Emergency Purchase Order authorized the Contractor to proceed with inspecting and testing five (5) additional areas along the pipe. These additional inspections were necessary to provide the City with adequate information regarding the extent of the corrosion and determine if the pipeline could be put back into service. The emergency purchase also included funds for pipeline repair work, as encountered during the inspections. The project was currently past the scheduled shutdown period for the pipeline. It was urgent that the pipe was put back in service as quickly as possible to maintain redundancy and maintain adequate pressures in the water system over the hotter summer months when demand is higher.

Discussion

To avoid construction delays and mitigate the risk of having the pipeline out of service for an extended amount of time, an emergency purchase was issued on June 1, 2023 to increase the contract amount and the JOC limit to \$4,510,000. The justification for this emergency is:

- 1) The City's water system is designed for a certain level of redundancy to meet water demands, fire flow requirements, and provide safe drinking water to customers. With the 42-inch pipeline out of service, the level of redundancy is reduced and exposes the City to safety and water distribution issues if not resolved. It was in the City's best interest to place the pipeline back in service quickly. It was particularly important as summer temperatures were approaching.
- 2) This large pipeline was drained and excavated for the testing process. The trenches are in the street and are over 10-feet deep. They are barricaded. A typical procurement for this change order would have extended the schedule at least four weeks for the barricading and exposed trench. This affects business access for the adjacent industries as well as significantly increases project costs for the barricading and other safety equipment such as trench shoring.

This emergency procurement was approved by the City Engineer and Deputy City Manager, to minimize these risks.

Fiscal Impact

This emergency purchase increases the contract by \$560,000.

This project is funded by Utility Obligation Funds.

Coordinated With

The Water Resources Department concurs with this recommendation.