



## CITY COMMISSION STAFF REPORT

**DEPARTMENT:** Utilities Department

**DATE:** January 14, 2025

**SUBJECT:** Motion to approve a Change Order to Purchase Order No. 2024-8591 for Flamingo Gardens Water Service Line Replacement.

### **CITY MANAGER RECOMMENDATION:**

The City Manager requests approval of a Change Order No. 1 for the Flamingo Gardens Water Service Line Replacement capital project in the amount of \$46,255, which will increase the cost from \$322,715 to \$368,070, for additional work needed to complete the project.

### **BACKGROUND OF ITEM:**

On April 19, 2024 the City of Cooper City issued Purchase Order No. 2024-8591 for the Flamingo Gardens Water Service Line Replacement, following the City Commission approval on April 9, 2024. During the course of the project, the contractor encountered unforeseen issues that required extra labor and materials to resolve. The Contractor identified several problems that complicated his installation, including deeper excavations for a number of water services that were buried at greater depth than is standard (some were as deep as 5.5 feet deep), some water service saddles had bent saddle bolts from large boulders that were backfilled over the main, and some services required rerouting around tree root systems as well as some tree stump grinding services being required which encased one water meter. These problems required additional equipment, parts and labor to ensure the water service lines could be installed properly and meet all safety and performance standards.

### **ANALYSIS:**

This recommendation for approval of this item follows recognition and understanding that foreseen problems are often encountered in underground utility construction. The Contractor bases their bids on a design and contract documents specified and drawn to approximately represent the complete work to be delivered. It is not unusual to find the need for additional effort, materials, or application of equipment depending on actual and anticipated field conditions or record drawings. All additional effort, length and depth of materials and excavation can be correctly estimated by the Contractor once he/she knows the existing laying conditions, but these are not always known in order to complete the design. As a result there are some additional measures that are necessary to complete some portions of this project as found during the Contractor's progression of work delivery.

**STRATEGIC PLAN:**

This change order approval aligns with the City’s Strategic Goal of maintaining and improving the City’s infrastructure and in sustaining a high quality and term of service to the City’s residents.

**FISCAL IMPACT:**

There is sufficient funding available in the Water and Sewer CIP Fund and within this capital project to cover these additional expenses.

<u>General Ledger Acct. Number</u>	<u>Remaining Available</u>	<u>Requested Amount</u>	<u>Remaining Amount</u>
453-910-563610-533-14003	\$500,000.00	\$46,255.00	\$453,745.00

**ATTACHMENTS:**

1. Purchase Order 2024-8591
2. Change Order Form