



## **AGENDA MEMORANDUM**

Action Item for the City Council Meeting of March 25, 2025

**DATE:** March 18, 2025

**TO:** Peter Zaroni, City Manager

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### **Construction Change Orders**

#### **Mary Rhodes Pipeline Phase I Pump System Improvements (Re-Bid)**

#### **CAPTION:**

Motion authorizing the approval of Change Order No. 1 with H&S Constructors, Inc., of Corpus Christi, TX, for the Mary Rhodes Pipeline Phase I Pump System Improvements Project, in the amount of \$1,854,197 for a total amount not to exceed \$14,029,172 with FY 2025 funding available from the Raw Water Capital Fund.

#### **SUMMARY:**

This change order authorizes additional funding for additional upgrades consisting of the addition of one new booster pump and one new variable frequency drive (VFD) as well as associated electrical and mechanical components at the Mary Rhodes Pipeline Pump Station located in Woodsboro.

#### **BACKGROUND AND FINDINGS:**

In October 2024, the City Council awarded a construction contract to H&S Constructors, Inc., of Corpus Christi, TX, for the Mary Rhodes Pipeline Phase I Pump System Improvements Project.

The purposes of this project were to upgrade the Bloomington and Woodsboro Booster Pump Stations of Mary Rhodes Pipeline Phase I system to transport more raw water from Lake Texana

to the City. The major project scope included adding one booster pump and two VFDs at the Bloomington Pump Station, one VFD at the Woodsboro Pump Station, and upgrading the associated electrical, mechanical and instrumentation components.

With the increasingly severe drought conditions, the operation of Mary Rhodes Pipeline with reliable redundancy is getting more and more critical to the City's water supply. For this reason, City staff requested the Contractor to add one more redundancy booster pump, VFD, and electrical and mechanical improvements to the Bloomington Pump Station through a construction change order. The implementation of this change order provides necessary operational redundancy for the Bloomington Pump Station while the City will bring 75 MGD water from Lake Texana to the City under the Operational Schedule 4 of Mary Rhodes Pipeline.

H&S Constructors, Inc. is currently engaged in construction on the Mary Rhodes Pipeline Phase I Pump System Improvements Project. The contractor is performing well and is currently completing the planned work on schedule.

#### **PROJECT TIMELINE:**

Change Order No. 1 doesn't add any additional calendar days to the construction contract. The anticipated substantial completion date of the project is May 2026.

#### **ALTERNATIVES:**

City Council could choose not to approve the Change Order No. 1 with H&S Constructors, Inc. Not approving the change order will lead to a lack of redundancy in the system which could remove the ability to keep the MRP pump station and pipeline online if existing equipment experiences an issue. This could result in negative impacts to the water treatment process, and lead to increased downtime if the system experiences an issue affecting water supply to the entire region. There would be additional time and expenses to bid this work, additional cost for new contractor mobilization, and an increased risk of receiving a higher bid or a lower-performing contractor.

#### **FISCAL IMPACT:**

The fiscal impact for Corpus Christi Water in FY 2025 is \$1,854,197.00, with funding available from the Raw Water Capital Fund. The capital budget includes \$1,854,197.00 for the addition of one new booster pump and one new variable frequency drive (VFD) at the Mary Rhodes Pipeline Pump Station and utilize the allocated funding outlined in the CIP.

#### **FUNDING DETAIL:**

Fund:	<b>Raw Water Supply Development Chg CIP (Fund 4481)</b>
Department:	Water (45)
Organization:	Grants & Capital Projects Funds (89)
Project:	Mary Rhodes Pipeline Phase 1 System Improvements Rebid (Project No. E13037)
Account:	Construction (550910)
Activity:	E13037-01-4481-EXP
Amount:	\$1,854,197.00

**RECOMMENDATION:**

Staff recommend approval of this Change Order No. 1 in an amount up to \$1,854,197.00 for the Mary Rhodes Pipeline Phase I Pump System Improvements Project with H&S Constructors, Inc. to reduce the risk of equipment failure and increase the reliability of the system providing constant water supply through the Mary Rhodes Pipeline.

**LIST OF SUPPORTING DOCUMENTS:**

CIP Page

Location and Vicinity

Map Change Order No. 1