

**It's real.**

## MEMORANDUM

**To:** Mayor and City Council Members  
Douglas Faseler, City Manager

**From:** Timothy J. Howe, Director – Water / Wastewater Utilities

**Through:** Rick Cortes, Assistant City Manager

**Subject:** Water / Wastewater Treatment Plant Improvements – CHANGE ORDER #4

**Date:** January 29, 2019

On April 3, 2018, City Council awarded a contract to RP Constructors, Inc. for Water / Wastewater Treatment Plant improvements in the amount of \$7,103,316.00. Staff is requesting Change Order #4, for \$166,080.00, to provide the necessary funding to accomplish the items listed in the table below.

Item	Item Description	Amount of Increase
1	Repair / replace piping and slide gates at Walnut Branch WWTP	\$44,748.00
2	Installation of sanitary sewer service connections	\$18,028.00
3	Installation of potable water transfer pipe / appurtenances and filter control technology	\$94,399.00
4	Install electrical concrete pad	\$8,905.00
<b>Net Contract Increase</b>		<b>\$166,080.00</b>

**Item 1** – This change provides for the repair of four of six slide gates in the aeration basin at Walnut Branch Wastewater Treatment Plant. The recent failure of three of six slide gates, and the condition of a fourth gate requires the need for this repair. These gate failures places our biological treatment process at risk due to short-circuiting the biological treatment step.

These repairs were not included in the original scope of the project as they occurred recently. Allowing RP Constructors, who is currently working onsite, to make these repairs saves mobilization costs associated with other contractors and expedites the repair thus eliminating this risk to the treatment process.

## WATER UTILITIES

**Item 2** – This change provides service connections for the properties along Pecan Orchard, east to the end of the street and north along Business 123. Providing these service connections during this construction sequence provides economic benefit for the City versus mobilizing a contractor in the future.

**Item 3** – This change provides the installation of potable water piping and valves that makes available two existing transfer pumps which are necessary to meet future water demands and provides protection against damage to the new air scour backwash system due to increased pressures. Additionally, this change includes the installation of filter controls which allows backwash frequencies based on differential pressures as one method required by the Texas Commission on Environmental Quality.

**Item 4** – This change provides for the installation of a concrete foundation at the base of an electric control panel. This addition offers staff a safe working environment while performing electrical maintenance and repair.

City Council originally approved an award of \$7,103,316.00. Due to a significant “deduct” change order, the current contract with all approved change orders is \$6,785,494.00. If approved the new contract amount will be \$6,951,574.00. This will become a supplement to the contract and all provisions will apply. Funding is provide through 2017 Utility Revenue Bonds. Staff recommends approval of Change Order #4 in the amount of \$166,080.00 and will be available to answer any questions at the Tuesday, February 5, 2019 City Council Meeting.