



Water & Wastewater Commission Review and Recommendation

Commission Meeting Date:	January 14, 2021	COA Strategic Direction:	Health and Environment
Council Meeting Date:	January 27, 2021		
Department:	Capital Contracting Office		
Client:	Shay Ralls Roalson		
Agenda Item			
Recommend approval for additional contingency funding for the construction contract with PLW Waterworks, LLC, for the Walnut Creek WW Treatment Plant Sludge Thickener Rehabilitation project in the amount of \$457,795 for a total amount not to exceed \$10,529,285. (District 1)			
Amount and Source of Funding			
Funding is available in the Fiscal Year 2020-2021 Capital Budget of Austin Water.			
Purchasing Language:	Original contract was awarded through a competitive Invitation for Bid solicitation process.		
Prior Council Action:	January 23, 2020 - Council awarded a construction contract to PLW Waterworks, LLC, for the Walnut Creek WW Treatment Plant Sludge Thickener Rehabilitation project.		
Boards and Commission Action:	January 14, 2021 — To be reviewed by the Water and Wastewater Commission.		
MBE/WBE:	This request is for additional contingency funding only. MBE/WBE participation to date information will be provided if a change order is requested.		

The Walnut Creek Wastewater Treatment Plant (the plant) is permitted to treat and discharge an average daily flow of 75 million gallons per day (MGD) with a peak flow of 165 MGD. The plant currently averages approximately 60 MGD with peak flows in excess of 165 MGD during large rain events. The plant thickens the sludge produced by the treatment process prior to pumping it to the Hornsby Bend Biosolids Management Plant for further treatment. The thickening process has become increasingly unreliable over time. The existing gravity sludge thickener and equipment were constructed in 1977, are in very poor condition, and are beyond their useful life. In order to maintain an effective treatment process, replacement of the existing gravity sludge thickener and the equipment is necessary. Temporary thickening units are required to allow the existing gravity sludge thickener and associated equipment to be taken offline for rehabilitation. An additional unit is required to meet increased sludge flows at the plant, which will consume the majority of the project's contingency funds.

The original Council authorization allowed for a 10% contingency to cover unknown risks associated with the project. It is anticipated that the 10% contingency limit will not be sufficient for the project based on change orders currently under consideration relating to the required temporary thickening units. Therefore, a 5% additional contingency is requested to ensure timely and efficient change order processing for a successful project completion. Approval of this request will increase the total project contingency to 15%.

Prompt action is requested on this item to ensure an effective treatment process is maintained and project delays do not occur. Failure to complete this project in a timely manner may result in process failures or delay of other planned projects at the Walnut Creek Wastewater Treatment Plant that may negatively affect the facility's ability to meet the City's stringent wastewater effluent requirements.

The contract allows 500 calendar days for completion of this project. This project is located within zip code 78724 (District 1).

PLW Waterworks, LLC is located in Houston, Texas.

AUTHORIZATION HISTORY

AMOUNT	DATE	DESCRIPTION
\$9,155,900.00	01/23/2020	(Council) – Authorize award and execution of a construction contract
\$915,590.00	01/23/2020	(Council) – 10% Contingency
\$62,000.00	01/23/2020	(Administrative Authority) – Description of use of funding
\$457,795.00	01/27/2021	Proposed (Council) – Additional Contingency (5%) for future Change Orders
\$10,591,285.00	<i>Total Contract Authorization</i>	

CONTRACT HISTORY

AMOUNT	DATE	DESCRIPTION (CO%/CUMULATIVE CO%)
\$10,071,490.00	01/23/2020	Authorize award and execution of a construction contract and 10% Contingency
\$0.00	07/28/2020	CO # 1 - Administrative changes only (0.00%/ 0.00%)
\$51,119.88	11/23/2020	CO # 2 - Feeds for temporary thickeners (0.56%/ 0.56%)
\$457,795.00	Proposed	Council – Additional Contingency (5.00%/ 5.56%)
\$10,580,404.88	<i>Total Contract History</i>	