# Austin WATER

## Water & Wastewater Commission
## Review and Recommendation

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| **Commission Meeting Date:** | August 8, 2018 |
| **Council Meeting Date:** | August 30, 2018 |
| **Department:** | Public Works |
| **Client:** | Gareth Nicely, Janet Atkinson, and Chris Chen |

| Agenda Item |
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| Authorize additional contingency funding for the construction contract with **Santa Clara Construction Ltd,** for the Tanglebriar System Improvements Project in the amount of $66,500 for a total amount not to exceed $1,041,047.50. (District 6) |

| Amount and Source of Funding |
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| Funding is available in the Fiscal Year 2017-2018 Capital Budget of Austin Water. |

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| **Purchasing Language:** | Original contract was awarded through a competitive Invitation for Bid solicitation process. |
| **Prior Council Action:** | June 22, 2017– Council awarded construction contract with Santa Clara Construction Ltd, for the Tanglebriar System Improvements Project. |
| **Boards and Commission Action:** | August 8, 2018 - To be reviewed by the Water and Wastewater Commission. |
| **MBE/WBE:** | This request is for additional contingency funding only. MBE/WBE goals will be established if a change order is requested. |

In 2007, the City annexed the Anderson Mill Municipal Utility District ('District').  In 2015, the Northwest C elevated storage tank and pump station project, located just north of the Anderson Mill Road and Ranch Road 620 intersection, was completed.  In June 2017, Council approved a construction contract allowing Austin Water to provide water and wastewater service to the former District area serviced by aged and deteriorated facilities that were at the end of their life cycle. Through hydraulic analysis and long-range planning for the area, Austin Water developed a set of system enhancements, which became the components of the Tanglebriar System Improvements project. The project included improvements for converting the Old Anderson Mill pressure zone. The benefits of which include improved fire flow duration, improved system reliability, retirement of deteriorated undersized facilities, improved operational strategies, and reduction of day-to-day maintenance costs associated with these facilities.

During the construction, Austin Water identified a need to connect an existing water line from the to-be-abandoned Lakecreek Pump Station to the nearby water distribution network at two locations, Rustic Manor and Deerbrook Trail, to form a looped distribution network to enhance the system reliability and improve fire flow in the service area. Public Works Department and Austin Water are currently evaluating the feasibility to include the needed modifications to the Tanglebriar System Improvements Project.

This request is for authorization that will allow the execution of future change orders in a timely manner for the above identified additional system improvements and cover other unforeseen conditions on work to be performed for successful completion of the Tanglebriar System Improvements Project so as not to impact or prolong the construction contract.

This project is located within zip code 78750 in District 6. This project is managed by the Public Works Department.

Santa Clara Construction Ltd is located in Austin, Texas.

**AUTHORIZATION HISTORY**

| AMOUNT | DATE | DESCRIPTION |
|---|---|---|
| $833,225.00 | 06/22/17 | (Council) – Award of Construction Contract |
| $83,322.50 | 06/22/17 | (Council) – 10% Contingency |
| $58,000.00 | 06/22/17 | (Administrative Authority) **–** Administrative Authority |
| $66,500.00 | 08/23/18 | Proposed (Council) – Additional Contingency |
| $1,041,047.50 | | *Total Contract Authorization* |

**CONTRACT HISTORY**

| AMOUNT | DATE | DESCRIPTION (CO%/CUMULATIVE CO%) |
|---|---|---|
| $833,225.00 | 06/22/17 | Award of Construction Contract |
| $52,676.53 | 03/30/18 | CO #1- Additional Connection and Pipe, Unexpected Conditions (6.32%/ 6.32%) |
| $87,262.00 | 06/21/18 | CO #2- Additional Connections and Valves, Unexpected Conditions (10.47%/ 16.79%) |
| $973,163.53 | | *Total Contract Expenditures* |

HILLSIDE OAK LN

BURLYWOOD TRL

SPLIT RAIL PKWY

MELLOW MEADOWS

RUSTIC MANOR LN

DEERBROOK TRL

Lakecreek Pump Station and Ground Storage Tank

Proposed Connection to Distribution System

Proposed Connection to Distribution System

COBBLESTONE LN

DOUBLE TREE LN

DOUBLE TREE CV

WIPPLE TREE CV

SCHOOL HOUSE CT

RUNNING BUCK LN

SCHOOL HOUSE LN

LAKE CREEK PKWY

| Distribution System Engineering | | |
|---|---|---|
| TANGLEBRIAR SYSTEM IMPORVEMENTS | | |
| OVERVIEW | EX | 1 of 1 |

Austin WATER

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