

MEMO

To: Honorable Mayor and City Council

From: Maria D'Andrea, Director of Public Works

Subject: **Amendment to Professional Services Agreement for Engineering Services with Core Consultants, Inc. for the Tower Road Widening Project**

Date: March 19, 2018

As a part of the Tower Road Widening Project, the City awarded a change order to Flatiron Constructors, Inc. to construct regional drainage improvements also referred to as T88 Drainage Improvements. The goal of this effort is to provide a “backbone” of storm water infrastructure so that storm water detention and storm water quality are provided for both the roadway and the adjacent properties, in a cohesive and cost-efficient manner.

During construction of these improvements, the contractor has encountered significantly more groundwater than was anticipated when the change order was approved. This additional groundwater requires the construction of an underdrain system to convey the water through the northern channel area. The contractor has proposed value engineering changes to the project in order to partially offset the cost to construct the underdrain.

The underdrain system is proposed to be designed by the engineering consultant, Core Consultants, Inc., who designed the original T88 improvements. An amendment to their contract is necessary for \$28,000 to complete this work as the City has expended all funds previously authorized under their contract.

Core Consultants, Inc. will modify the channel design and revise plans to incorporate the underdrain and the value engineering changes, as well as update the channel hydraulic modeling and amend the drainage report. The additional costs will be covered through a portion of the contingency which was part of the reimbursements due from the property owners.

Financial Impact

Core's proposed estimate of services \$25,380

<u>Contingency</u>	<u>\$2,620</u>
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Total	\$28,000
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Funding will come from the Tower Road Widening Project. Adequate funding is available within the project budget for these costs.

Staff Recommendation

Staff recommends approving the attached resolution, Resolution No. 2018-23.

