

MEMORANDUM

TO: Donna Barron, City Manager

FROM: David Salmon, P.E., City Engineer

VIA: Eric Ferris, Deputy City Manager

DATE: November 20, 2018

SUBJECT: **Approval of Amendment #2 to the Professional Services Agreement with Halff Associates, Inc. Relating to Timber Creek Streambank Protection for Design and Engineering Services in the Amount of \$67,685.00; and Authorization for the City Manager to Execute the Amendment.**

BACKGROUND

Halff Associates conducted an erosion study on Timber Creek between Valley Parkway and Edmonds Lane in 2008 in which active erosion sites were identified and ranked in order of urgency. The most critical site was behind the homes on Regency Drive due to existing erosion resulting in property damage and potential for structural damage to homes. Staff hired Halff Associates to design streambank protection for Timber Creek behind the homes on Regency Drive and that project has been completed.

On December 4, 2017, City Council approved the Professional Services Agreement for the design phase services up to and including 90% construction documents for Phase 2 of the Timber Creek Streambank Protection project. Phase 2 of the project begins at the downstream end of the previous Phase 1 (Regency Drive) project and continues the erosion protection an additional 700 feet downstream. It is also one of the critical erosion sites identified by Halff Associates. Halff Associates has completed all tasks associated with the original PSA. Although this is part of one of the priority projects identified by staff to be funded through the Drainage Utility, the initial design funding for this project was approved as part of the 2017/18 General Fund budget to accelerate the project. PSA Amendment #2 includes the final design services as well as construction phase services to complete the project (funded through the Drainage Utility).

ANALYSIS

Staff has negotiated amendment #2 to the Professional Services Agreement with Halff Associates, Inc. in the amount of \$67,685 for final design services for Timber Creek Streambank Protection Project, Phase 2 to include final design and construction phase services. The total, maximum fee for all services for this contract will increase from \$138,910.00 to \$206,595.00. The negotiated fee is well within the customary fee for a project of this scope and size based on an estimated construction cost of \$1,907,000. Halff Associates has previously completed designs for Lewisville infrastructure including the erosion control behind Regency Drive and are familiar with the City standards and processes, completing them successfully and on time.

Subject: Second Amendment to the PSA with Halff Associates, Inc. for Timber Creek
Streambank Protection, Phase 2 Design
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Funding for professional services is available in the Timber Creek Erosion capital project accounts. The design timeline for completion of this portion of the design is 35 calendar days from notice to proceed exclusive of time for City staff reviews. During the final design, easements will be needed to be acquired prior to bidding the project. Currently the construction timeline is to bid the project in Spring of 2019 and complete the project by the end of 2019.

RECOMMENDATION

It is City staff's recommendation that the City Council approve Amendment #2 of the Agreement as set forth in the caption above; and authorize the City Manager to execute the amendment.