



AGENDA MEMORANDUM

Future Item for the City Council Meeting of October 30, 2018
Action Item for the City Council Meeting of November 13, 2018

DATE: October 12, 2018

TO: Keith Selman, Interim City Manager

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Professional Services Contract Amendment No. 1
Greenwood Wastewater Treatment Plant
Flood Mitigation
(Capital Improvement Program)

CAPTION:

Motion to authorize execution of Amendment No. 1 to a contract for professional services with Alan Plummer Associates, Inc. of Corpus Christi, Texas in the amount of \$339,895 for a total restated fee of \$389,595 for the Greenwood Wastewater Treatment Plant Flood Mitigation project.

PURPOSE:

This amendment provides for preliminary engineering services to determine the most cost effective and sustainable flood mitigation strategy to protect the Greenwood Wastewater Treatment Plant from flooding during major storm events.

BACKGROUND AND FINDINGS:

The Greenwood Wastewater Treatment Plant (WWTP) was constructed in 1957 adjacent to La Volla Creek. During major storm events, the plant experiences damages to equipment forcing treatment units to be shut down.

The initial small engineering contract provided a preliminary evaluation of soils being excavated in the La Volla drainage improvement project to determine if the soil could be used for levee

construction. This contract amendment will use the soil report and other data to prepare preliminary design with various flood protection strategies to determine the most cost-effective and sustainable alternative. The scope includes assessing existing and future plant structures and systems for susceptibility of damages from flooding. Scope also includes evaluating extending the existing Greenwood WWTP effluent discharge outfall from La Volla Creek directly to Oso Creek.

This project is being coordinated with four major projects at Greenwood WWTP. The three additional projects are summarized below:

1. UV System improvements – Under design
2. Headworks Rehabilitation – Under design
3. Process Improvements – Under preliminary design for a future CIP project to convert Greenwood WWTP from Anaerobic to Aerobic to match the other five existing WWTP's

A future amendment is anticipated that will require City Council approval to prepare construction plans and specifications for bidding and construction for the recommended alternative.

ALTERNATIVES:

1. Authorize execution of Amendment. (Recommended)
2. Do not authorize execution of Amendment. (Not Recommended)

OTHER CONSIDERATIONS:

APAI was selected for this project through Request for Qualifications No. 2017-03.

CONFORMITY TO CITY POLICY:

Complies with statutory requirements for professional services contracts. Conforms to FY 2018-2019 Capital Improvement Planning (CIP) Budget.

EMERGENCY / NON-EMERGENCY:

Non-Emergency

DEPARTMENTAL CLEARANCES:

Water Utilities Department

FINANCIAL IMPACT:

☐ Operating ☐ Revenue ☒ **Capital** ☐ Not applicable

Fiscal Year 2018-2019	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Budget		1,500,000	7,900,000	9,400,000
Encumbered / Expended Amount		49,700		49,700
This item		339,895		339,895
Future Anticipated Expenditures This Project		663,000		663,000
BALANCE		447,405	7,900,000	8,347,405

Fund(s): Wastewater CIP No. 6.

RECOMMENDATION:

City staff recommends approval of Amendment No. 1 to a professional services contract with Alan Plummer Associates, Inc.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Presentation
Amendment No. 1