



Agenda Statement

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Title: Approval of Professional Services Agreement with Day Engineering for the Sewer Force Main Replacement Design in the amount of \$586,300.

Sponsors:

Indexes:

Code sections:

Attachments: 1. Professional Service Agreement - Sewer Force Main Replacement Design

Date	Ver.	Action By	Action	Result
9/17/2019	1	City Council	approved	Pass

ITEM TITLE:

Approval of Professional Services Agreement with Day Engineering for the Sewer Force Main Replacement Design in the amount of \$586,300.

SUBMITTED BY: Lindy Vititow, Capital Facilities Project Manager II

FISCAL NOTES:

Expenditure Required: \$586,300
Unencumbered Balance: \$2,000,000
Funding Source: 310-2536-58000

RECOMMENDATION:

Approval of Professional Services Agreement with Day Engineering for the Sewer Force Main Replacement Design in the amount of \$586,300.

SUMMARY STATEMENT:

Project Background: The current force main system (Transite AC, 16 & 18-inch force main) was constructed in approximately 1970. The pipeline out of town begins at Lift Station 1, just off of Richardson Highway across from E. Pioneer Drive. The pump station moves sewage approximately 3.5 miles to the wastewater pond system for treatment. The current force main's route is within the utility corridor that runs through the tide flats south and east of the Richardson Highway and then parallels the west side of Mineral Creek Loop Road until it reaches the City's wastewater pond system. The system has experienced spot failures and is located within an environmentally sensitive part of Valdez. The intent of this project is to replace the system prior to significant failures and prep

the system for any potential future expansion.

Project Procurement: A Request for Proposals was posted for this project on June 18, 2019. The solicitation posted for nineteen working days. Three proposals were received and all three firms were interviewed. During the interview process, Day Engineering was chosen by the interview committee for their value to the city, similar project experience, design ideas, understanding the current sewer force main and its' ancillary systems, and understanding of operational needs.

Scope of Work: The Sewer Force Main Replacement project will focus primarily on modifications and upgrades at Lift Station #1 (adjacent the Animal Shelter), the replacement of the primary sewer force main from Lift Station #1 to the sewage ponds, and tie-ins at Lift Stations 3 & 4 along loop road. The design process consist of the following four phases:

Phase I - Feasibility (determine routing and feasibility of proposed alternatives)

Phase II - Preliminary Design and Permitting

Phase III - Final Design and Grant Submittals

Phase IV - Construction

Terms of Contract: This PSA will be for Phase I and II only. Phase I will begin upon approval of this contract and be completed on or before May 2020. Phase II will begin June 2020 and be completed on or before September 2021. Phases III and IV will be presented for approval once design and permitting reach a point of preliminary acceptance with the various governing agencies and will run concurrently with the final stages of Phase II. It is anticipated that construction will begin in 2021 or 2022. Please see attachment for more detailed project information & schedule.