



Legislation Text

File #: 20-0038, **Version:** 1

Consider and take action on a resolution authorizing a professional services agreement with ARKK Engineers, LLC for the design and construction phase services related to the Main Street Waterline Replacement Project (WT1904B) in an amount not to exceed \$307,250 (Director of Budget and Project Management)

Approval of this resolution will authorize funding for the professional services agreement with ARKK Engineers, LLC for design and construction phase services related to the Main Street Waterline Replacement Project (WT1904B). This project is part of the Annual Waterline Upgrades and Replacement project which consists of replacing aging waterlines and upsizing waterlines to meet demand.

The scope consists of providing engineering design and construction phase services associated with the replacement of the existing 10-inch diameter water line along the northwest side of FM518, from Interstate 45 to State Highway 3, with a new 12-inch diameter water line. The total footage of water line to be replaced is estimated to be approximately 5,400 linear feet of 12-inch water mains, plus 1,050 linear feet of branching lines, included cased water line crossings of FM518. The project includes three (3) drainage channel crossings that are anticipated to be crossed using horizontal directional drilling methods. Based on preliminary cost estimates performed by ARKK, the estimated construction cost for the water line replacement is \$2.5 million. Based on information available the proposed water line is anticipated to be installed within the general alignment area of the existing water line. At this time, no additional easements are anticipated to be required for this project. However, a budget for easement document preparation if determined to be necessary is included in this proposal.

The design will take 420 days, with 120 of those days required for topographic survey. Construction is programmed in the FY2020-2024 CIP for FY2022 to allow for completion of design and land acquisition, if needed.

Attachments:

1. Data Sheet
2. Proposed Resolution
3. Exhibit A - Agreement ARKK Engineers
4. CIP Project Sheet and Aerial
5. Vendor Report Card

CONTRACT ORIGINATION: Professional Services Agreement with ARKK Engineers, LLC has been reviewed and approved by City Attorney's office

FUNDING

{X} Funding in the amount of \$307,250 is available from Utility Capital Projects Fund 1055, with expenses charged to project expense string WT1904B-PLAN DESIGN - DESIGN- RS CASH

STRATEGIC PLANNING

{X} NOT APPLICABLE