



Agenda Report

MEETING DATE: Tuesday, February 23, 2021

TO: City Council

FROM: PUBLIC WORKS & UTILITIES DIRECTOR PALMISANO
Danielle Green, Principal Engineer

SUBJECT: Agreement with Hydrosience Engineers, Inc. for design services for the Freedom and Green Valley Water and Sewer Replacement Project in the amount of \$376,691 from the Water and Sewer Enterprise Funds

STATEMENT OF ISSUES:

The existing water and sewer utilities on Freedom Boulevard and Green Valley Road are at the end of their useful life requiring replacement ahead of the planned Public Works road improvement projects in the same area.

RECOMMENDED ACTION:

It is recommended that City Council adopt a resolution authorizing the City Manager to execute an agreement with Hydrosience Engineers, Inc. for design services for the Freedom and Green Valley Water and Sewer Replacement Project (21-SS-14623) in the amount of \$376,691 to be paid from the Water and Sewer Enterprise Funds.

DISCUSSION:

Public Works has two road improvement projects planned, one on Freedom Boulevard between Alta Vista and Green Valley Road, and another on Green Valley Road from Carey Avenue to the City limits. In planning for this work, staff evaluated the condition of the City's underground utilities in these areas and determined that portions of the water and sewer lines will require replacement due to their age and poor condition. The intent of completing the underground work ahead of the planned road improvement projects is to avoid needing to excavate into the newly installed road improvements in the near future.

Hydrosience Engineers, Inc. recently completed a preliminary design report for this water and sewer line replacement work. The current estimated construction cost for this project is \$2.8 million. It is anticipated that design will require 6 months to complete, such that construction would begin in late fall of 2021 and be completed prior to the road rehabilitation project planned for spring of 2022.

Staff recommends executing a design services contract with Hydrosience to develop the preliminary design into a fully designed set of documents ready for bidding. Hydrosience Engineers was selected in 2020 through a formal Request for Qualifications process as the most qualified consultant for this project based on their knowledge and experience in this field of engineering, as well as their specific experience working with the City.

STRATEGIC PLAN:

The project supports Strategic Goal 03-Infrastructure & Environment by planning for replacement of aging critical water and sewer infrastructure.

FINANCIAL IMPACT:

The cost of the design services agreement is \$376,691. This project is included in the current adopted budget in the Sewer and Water Enterprise Funds. As this design project will address both sewer and water needs, the costs for this design contract will be split evenly between budget account 911-7835-14623 in the Sewer Fund and budget account 913-7831-14834 in the Water Fund.

ALTERNATIVE ACTION:

Council could elect not to award this contract which would cause the underground utilities to continue to deteriorate and for the planned road improvement projects on Freedom Boulevard and Green Valley Road to be delayed.

ATTACHMENTS AND/OR REFERENCES (If any):

- 1) Map of Project Area