

MEMORANDUM

DATE: March 30, 2021

TO: Honorable Mayor and City Commission

VIA: James Slaton, City Manager

FROM: Sarah B. Kirkland, Utilities Director

RE: Force main extension with Septic to Sewer conversion

SYNOPSIS: *Kimley Horne and Associates Engineering services will design the force main extension with a septic to sewer conversion for a neighborhood that has been annexed into the city limit. The contract has two components, engineering for the design phase and engineering for the construction phase services for a combined amount \$234,148.00.*

RECOMMENDATION

It is recommended that Commission take the following action:

1. Approve Engineering services with Kimley Horn and Associates Engineering in the amount of \$234,148.00
2. Authorize the City Manager to execute the appropriate documents, on the City's behalf.

BACKGROUND

The City of Lake Wales requested Kimley-Horn and Associates, Inc. to prepare construction plans and specifications to extend a force main, design a new pump station and bring sanitary sewer to an unsewered area within the City limits of Lake Wales. The new force main will continue northerly along Buck Moore Road past the Sunset Drive and Buck Moore Road intersection and connect to a new pump station per the attached conceptual site plan. The exact size of the line has not yet been determined, but it is anticipated to extend approximately 5440 LF of 6" force main and approximately 870 LF of new 8" force main with the point of connection being the existing 12" force main at Sunset Point Drive and Buck Moore Road. There are approximately 37 residential homes along Oakland Park Drive and Bel Ombre Circle. It is the intention of the City to extend gravity sewer up these two roads and connect to the new pump station. The gravity system is anticipated to be approximately 2000 LF of new 8" gravity sewer line with manholes as required. The sewer would be extended down the middle of the roadway or to one side of the roadway within the grassed area if right of way exists.

Staff recommends the Commission take the following action, approve entering into a contract with Kimley Horn and Associates for a combined total of \$234,148.00, for the designing, bidding and construction phases of the project, and to authorize the City Manager to execute the appropriate documents, on the City's behalf.

OTHER OPTIONS

The Commission could chooses not to approve the contract listed above, in turn putting the septic to sewer conversion off to a later time and delay further expansion of the City's sewer system.

FISCAL IMPACT

The 2020-2021 Capital Improvements Plan has budgeted \$1,400,000 for engineering and construction costs.

ATTACHMENTS

Kimley Horn and Associates, Inc. Engineering Contract
Engineering Scope Maps