

## MEMORANDUM

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**DATE:** January 12, 2021  
**TO:** Honorable Mayor and City Commission  
**VIA:** James Slaton, City Manager  
**FROM:** Sarah B. Kirkland, Utilities Director  
**RE:** Water System Hydraulic Modeling.  
**SYNOPSIS:** *Reiss Engineering Inc. to perform hydraulic modeling for the water system.*

### RECOMMENDATION

It is recommended that Commission take the following action:

1. Approve Engineering services with Reiss Engineering Inc. in the amount of \$71,900.00
2. Authorize the City Manager to execute the appropriate documents, on the City's behalf.

### BACKGROUND

Hydraulic modeling illustrate the effects of changing demand on water distribution systems, predicting pressures and identifying bottlenecks and demonstrate the effectiveness of proposed solutions. The City owns and maintains One hundred seventy-six miles of water main, ranging in size from two inches to twenty-four inches. As the City's population continues to grow, the water system needs to expand at an appropriate rate and size to ensure sufficient service.

Staff recommends the Commission take the following action, approve entering into a contract with Reiss Engineering Inc. for \$71,900.00, and 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.

### FISCAL IMPACT

The 2020-2021 Capital Improvements Plan has budgeted \$80,000.00.

### ATTACHMENTS

Reiss Engineering Inc.