



City of Eustis

P.O. Drawer 68 • Eustis, Florida 32727-0068 • (352) 483-5430

TO: EUSTIS CITY COMMISSION

FROM: TOM CARRINO, CITY MANAGER

DATE: JANUARY 18, 2024

RE: RESOLUTION NUMBER 24-09: APPROVING A PURCHASE IN EXCESS OF \$50,000 FOR PROFESSIONAL SERVICES TO REPLACE A SECTION OF FORCE MAIN ALONG COUNTY ROAD 44 AND AUTHORIZING A BUDGET TRANSFER IN THE AMOUNT OF \$55,000.

Introduction:

Resolution Number 24-09 approves an expenditure in excess of \$50,000 for professional services for the replacement of 4,000 linear feet of sewer force main that conveys flow downstream of Lift Station 24 along County Road 44, authorizes the City Manager to execute all related agreements, and authorizes a budget transfer in the amount of \$55,000.

Background:

There is a section of sewer force main along County Road 44 near Trout Lake Nature Center that is in need of replacement. This section of force main has needed multiple repairs recently due to repeated leaks and breaks. Replacement is the best option to stop these leaks from occurring. This project includes services to prepare for the replacement of the 4,000 linear feet of 8-inch force main. The upgrades will include the following: upsize the force main from 8-inches to 10-inches; replacing force main with PVC and/or HDPE pipe (force main is currently PVC); starting force main at discharge point of Lift Station 24 and ending outside of County Road 44 right-of-way just south of the intersection with Hicks Ditch Road. The scope of work for professional services includes:

- General
 - Kimley-Horn will prepare bid documents including engineering design drawings, specifications, and opinion of probable construction cost.
 - A survey including pertinent information for this project will be provided.
 - Kimley-Horn will coordinate the needed geotechnical information with the geotechnical firm.
 - Kimley-Horn will prepare and submit applicable permit applications and supporting documentation.
 - Kimley-Horn will, upon authorization to proceed with the bidding and award phase: provide a hard copy and digital copy of Contract Documents; attend and lead a pre-bid conference; provide written response(s) to bidders as needed; and assist the City in evaluation bids and providing a recommendation for award.

Recommended Action:

Staff recommends approval of Resolution Number 24-09.

Policy Implications:

Not applicable.

Alternatives:

1. Approve Resolution Number 24-09
2. Deny Resolution Number 24-09

Discussion of Alternatives:

1. Alternative 1 approves the Resolution.

Advantages:

- Force main will be replaced with a new, larger diameter pipe.
- Force main replacement will equate to a much rarer occurrence of main breaks.

Disadvantages:

- There is no disadvantage to approving the Resolution.

2. Alternative 2 denies the Resolution.

Advantages:

- There is no advantage to denying the Resolution.

Disadvantages:

- Continuous main breaks could result in leaking sewage and higher costs for future repairs
- May result in repercussions from the Department of Environmental Protection due to environmental hazards caused by main breaks

Budget/Staff Impact:

The approved budget has allocated funds of \$76,700 for the replacement of the CR 44 Force Main as shown below:

042-8600-535-66-16	CR 44 Force Main	\$50,000
040-3300-533-30-31	Admin Professional Services	\$26,700

Additionally, the following Capital Project has been completed below budget and the following transfer is requested into Account 042-8600-535-66-16:

042-8600-535-66-88	Holding Pond Improvements	\$55,000
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The proposed budget transfer would result in a project balance of \$131,700.

Prepared By:

Olivia Kilgore, Sr. Staff Assistant – Water Department

Reviewed By:

Paul Shepherd, Water Superintendent
 Greg Dobbins, Deputy Director Water/Wastewater
 Rick Gierok, P.E., Director of Public Works, City Engineer

Attachment(s):

Resolution Number 24-09

Available Upon Request

Kimley-Horn County Road 44 Force Main Replacement Proposal