



INDIAN RIVER COUNTY, FLORIDA DEPARTMENT OF UTILITY SERVICES

Date: May 1, 2017

To: Jason E. Brown, County Administrator

From: Vincent Burke, P.E., Director of Utility Services

Prepared By: John M. Boyer, P.E., Utilities Engineer

Subject: Approval of Work Authorization No. 2017-004 to Replace a Water Main in Heron Cay Mobile Home Park: Longpointe Court

DESCRIPTIONS AND CONDITIONS:

Indian River County Department of Utilities Services (IRCDUS) has recently been called to the Heron Cay Mobile Home Park for emergency repairs to a water main loop around Longpointe Court. Since the existing water main’s construction in 1984, mobile homes have been installed over the main. In some cases, IRCDUS personnel must enter the crawl space under the mobile homes to effect repairs thus exposing IRCDUS staff to hazardous working conditions.

As a result of repeated water main breaks and safety issues related to necessary repairs, IRCDUS staff have elected to construct a new water main along Longpointe Court. The new water main and related services will minimize future service interruptions to the 16 affected customers and be more accessible in the event repairs are necessary.

ANALYSIS:

Staff has determined the most efficient and timely method to replace the subject water main was to utilize the IRCDUS labor contractor, Blue Goose Construction. A list of the anticipated labor and materials quantities was prepared and bid prices from the Blue Goose Construction contract was used to calculate the labor expense. The total material cost was based on unit prices derived from the Annual Contract for Utility Warehouse Stock. Construction cost breaks down as follows:

1. Labor Expense (Blue Goose Construction):	\$59,334.17	(Attachment 1)
2. <u>Materials:</u>	<u>\$19,186.20</u>	<u>(Attachment 2)</u>
Total Construction Cost:	<u>\$78,520.37</u>	

FUNDING:

Funding for this project is derived from the capital budget in the operating fund. The operating fund budget is derived from water and sewer sales.

ACCOUNT NAME	ACCOUNT NUMBER	AMOUNT
Heron Cay WM & Service Replacement	471-169000-17518	\$78,520.37

RECOMMENDATION:

Staff recommends that the Board of County Commissioners (BCC) approve Work Authorization No. 2017-004 to retain Blue Goose Construction to replace the water main identified above in Heron Mobile Home Park for the amount of \$59,334.17, and also authorize staff to direct purchase materials totaling \$19,186.20.

ATTACHMENT(s):

1. Cost Estimate – Labor
2. Cost Estimate – Material
3. Work Authorization No. 2017-004