



**INDIAN RIVER COUNTY, FLORIDA
DEPARTMENT OF UTILITY SERVICES**

Date: May 30, 2018
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: 128th Court Water Main Extension: Approval of Change Order and Final Payment of Blue Goose Construction Work Authorization No. 2018-001

DESCRIPTION AND CONDITIONS:

County residents approached the Indian River County Department of Utilities Services (IRCDUS) and requested that the County water system be extended to serve their properties. These residents entered into a “complex connection” agreement with IRCDUS and paid a deposit for the design and construction of the water main extension.

The resident’s cost was based on the construction of a 4” water main, which would be the minimum pipe size for this application. However, staff also considered the provision of fire protection and phase 2 of the future North County Septic to Sewer project, which will include the construction of 6” water main in the subject neighborhood. Staff therefore decided to construct a 6” water main.

Thus, during the January 23, 2018, meeting, the Board of County Commissioners (BCC) approved Work Authorization (WA) 2018-001 for Blue Goose Construction (Contractor) to construct water mains along 128th Court, 82nd Court, and 83rd Avenue in Roseland. The project is complete, and the Contractor has submitted a final pay request.

ANALYSIS:

During construction, alternate materials were used for certain line items, and quantities reduced for other certain line items. The contingency amount has also been deducted for the final pay request. The changes are described in Change Order No. 1.

Project costs are summarized in the table below.

	Original Approval	Additions or Deletions	Final Cost
1 – Labor Expense:	\$ 35,634.06	\$(4,988.36)	\$ 30,645.70
2 – IRC Direct - Purchased Materials and Miscellaneous Fees:	\$ 24,643.79	\$ (7,628.50)	\$ 17,015.29
3 - Permits & Services	\$5,690.00	\$516.74	\$ 6,206.74
3- Contractor Purchased Materials	-	\$3,959.00	\$ 3,959.00
Totals:	\$ 65,967.85	\$(8,141.12)	\$ 57,826.73

The amount due the contractor for this first and final pay request is **\$34,604.70**, which includes labor and contractor-purchased materials. See attached application for payment.

Since the construction cost was less than expected, the resident’s contribution was reduced as described in the complex connection agreement. The final costs are summarized as follows:

Final Cost of 6” Main:	\$57,826.73
Residents’ Contribution:	\$31,520.97
County’s Cost:	\$26,305.76

FUNDING:

Funding for this project is derived from the capital funds. Capital fund revenues are generated from impact fees and line extension fees. Growth has contributed to the need for the expansion, and the growth will benefit from said expansion.

ACCOUNT NAME	ACCOUNT NUMBER	AMOUNT
128 th Court Water Main	472-169000-18504	\$57,826.73

RECOMMENDATION:

Staff recommends that the Board of County Commissioners approve Change Order #1 to reduce Work Authorization No. 2018-001 and authorize final payment to Blue Goose Construction in the amount of \$34,604.70.

ATTACHMENT(s):

1. Change Order #1
2. Final Application for Payment