



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

Date: September 28, 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: 2018-047: US 1 Air Release Valve and 24" Force Main Replacement
 Change Order #2 and Final Pay Request

DESCRIPTIONS AND CONDITIONS:

On May 1, 2018, the Board of County Commissioners (BCC) approved an agreement with contractor Johnson Davis, Inc., (Johnson Davis) to replace an air release valve (ARV) and a portion of the 24" diameter force main at 10595 US Highway 1 near Sebastian. On August 14, 2018, the BCC approved Change Order 1, which added to the contract the replacement of a second ARV, increased the size of the temporary by-pass force main, and authorized staff to direct-purchase a 24" gate valve.

Construction commenced on August 21, 2018, and was completed on September 14, 2018. During construction, a drainage structure was found to conflict with one of the temporary by-pass force main routes, and staff directed Johnson Davis to remove and re-install the structure. This work was not included in the original scope and is considered additional.

Johnson Davis has completed the project within the contract time and under the contract amount. They are therefore submitting for approval Change Order #2 to add to the contract the removal and replacement of the drainage structure, and deleting the Force Account from the contract. They are also submitting their Final Pay Request.

ANALYSIS:

Johnson Davis has submitted Change Order #2 to remove and replace the drainage structure, form and pour 5 valve pads, and delete the contract's Force Account. This will reduce the contract from its current value of \$252,658.00 to \$238,658.00.

The actual cost of the 24" diameter gate valve was \$14,631.92. The total cost of the project will thus be \$253,289.92. Johnson Davis is also submitting their final pay request in the amount of \$134,802.68.

FUNDING:

Funding for this project is derived from the Replacement and Renewal (R&R) budget in the operating fund. The operating fund budget is derived from water and sewer sales.

ACCOUNT NAME	ACCOUNT NUMBER	AMOUNT
US 1 Air Release Valve and 24" Force Main Replacement	47123536-044699-18516	\$253,289.92

RECOMMENDATION:

Staff recommends that the Board of County Commissioners approve Johnson Davis Change Order No. 2 to reduce the contract amount and authorize final payment in the amount of \$134,802.68.

ATTACHMENT(s):

1. Change Order No. 2 (w/ Attachments)
2. Johnson Davis, Inc. Final Pay Request