



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

Date: November 9, 2016
To: Jason E. Brown, County Administrator
From: Vincent Burke, P.E., Director of Utility Services
Prepared By: Arjuna Weragoda, P.E., Capital Projects Manager
Subject: Amendment No. 1 to 12th Street Watermain Design Contract with MBV Engineering, Inc.

DESCRIPTIONS AND CONDITIONS:

On December 1, 2015, the Indian River County Board of County Commissioners (BCC) approved Work Order No. 2 with MBV Engineering, Inc., for surveying, design, permitting and construction phase assistance to replace the existing Asbestos Concrete (AC) watermain on 12th Street for a sum amount of \$105,000.00. The design was to cover an area generally described as having a western limit of 20th Avenue, an eastern limit of Old Dixie Highway, a northern limit of 14th Street, and a southern limit of 12th Street.

ANALYSIS:

During the design process, it was noted that the termination of the proposed main at 20th Avenue is better served tying into the existing 16" watermain on the west side of 20th Avenue. Also, the proposed watermain needs to be relocated from the north side of 12th Street to the south side due to unanticipated field conditions obtained during the topographic survey. The amendment will be provided in accordance with the Extension and Amendment of the Continuing Services Contract Agreement for Professional Services with MBV, Engineering, Inc. dated November 4, 2014. The scope is more specifically described in the attached Amendment No. 1 to Work Order No. 2. The total negotiated cost for the additional surveying and design revisions are outlined in Amendment No. 1 to Work Order No. 2 for a lump sum amount of \$11,500. Including the additional topographic survey and design, the new contractual cost with MBV will total \$116,500. The Department's intention is to have a fully completed design with all the necessary permits on hand in order to plan a phased approval for construction.

FUNDING:

Funding for the 12th Street Watermain Replacement project is available within the Utilities Operating Fund. Operating funds are derived from water and sewer sales.

Description	Account Number	Amount
12 th Street/Old Dixie to 20 th Avenue Watermain Replacement	471-169000-16502	\$11,500.00

RECOMMENDATION:

Staff recommends approval of the attached Amendment No. 1 to Work Order No. 2 authorizing the above-mentioned professional services and requests the BCC authorize the Chairman to execute the attached Amendment No. 1 to Work Order No. 2 on their behalf for a lump sum amount of \$11,500.00 to MBV Engineering, Inc.

ATTACHMENT(s):

1. Amendment No. 1 Work Order No. 2 and supporting documents *(3 Pages)*