

**Indian River County, Florida
Department of Utility Services
Board Memorandum**

Date: February 25, 2020

To: Jason E. Brown, County Administrator

From: Vincent Burke, PE, Director of Utility Services

Prepared By: Arjuna Weragoda, PE, Capital Projects Manager

Subject: Groundwater Modeling and Impact Evaluations with CDM Smith, Amendment No.1 to Work Order No. 5

Descriptions and Conditions:

On December 3, 2019, the Indian River County Board of County Commissioners (BCC) approved Work Order No. 5 to CDM Smith (CDM) to provide professional engineering services to update the groundwater modeling to support the Consumptive Use Permit (CUP) 10524 modification.

Analysis:

In order to support CUP modification staff was notified by St. Johns River Water Management District (SJRWMD) additional model simulations were needed. Therefore, the subject amendment was requested to add the additional groundwater modeling simulations. The Amendment No. 1 to Work Order No. 5 is provided in accordance with the Agreement for Professional Services Contract No. 2018008 dated April 17, 2018. The scope is more specifically described in the attached Amendment No. 1 to Work Order No. 5. The total negotiated cost for the groundwater modeling in Amendment No. 1 to Work Order No. 5 is a sum amount of \$23,290, for a total amount of \$88,090.00.

Funding:

Funds for this project are derived from the other professional services account in the Utilities operating fund. Utilities operating funds are generated from water and sewer sales.

| Description | Account Number | Amount |
|-----------------------------|-----------------|----------|
| Other Professional Services | 47123536-033190 | \$88,090 |

Recommendation:

Staff recommends approval of Amendment No. 1 to Work Order No. 5 and requests that the Board of County Commissioners authorize the Chairman to execute the Amendment on their behalf to engage the services of CDM Smith for a sum amount of \$23,290.

Attachment:

Amendment No. 1 to Work Order No. 5 with CDM. (8 Pages)