

Indian River County, Florida
Department of Utility Services
Board Memorandum

Date: November 16, 2022

To: Jason E. Brown, County Administrator

From: Sean C. Lieske, Director of Utility Services

Prepared by: Harrison Youngblood, PE, Utilities Engineer, Utility Services

Subject: Tetra Tech Work Order No. 11 - Water Supply Facilities Work Plan

Background:

In 2005, the Florida Legislature enacted Senate Bills 360 and 444. That legislation significantly changed Chapters 163 and 373, Florida Statutes (F.S.) to require coordination of water supply and land use planning. In so doing, the legislation strengthened the statutory linkage between regional water supply plans prepared by the state's water management districts and comprehensive plans prepared by local governments. Because Indian River County (IRC) is included in the St. Johns River Water Management District's (SJRWMD) regional water supply plan, the county must coordinate with the district to assess future water needs. F.S. Section 163.3177 requires local governments within areas projected to have insufficient supplies of water from traditional sources to amend their comprehensive plan to incorporate alternative water supply projects, either developed by the local government or included in the regional water supply plan, and adopt a work plan covering at least a 10-year planning period for building water supply facilities, including the development of alternative water supply projects, conservation, and reuse to serve existing and future development.

Analysis:

IRC, as part of SJRWMD, falls under the Central Springs/East Coast (CSEC) Regional Water Supply Plan (2022-2040), which was recently prepared in February 2022. In addition to this plan, the Indian River County Department of Utility Services (IRCDUS) desires to utilize Tetra Tech, Inc. (Tetra Tech) under its CCNA 2018 contract, renewed and extended in 2021, to provide a proposal to complete a work plan covering a 10-year period for alternative water supply projects. This 10-year plan will incorporate population and water demand information, potable water and reuse demand analysis, conservation and reuse practices, maps, levels of service for water, areas served by other suppliers, and an alternative water supply plan.

Funding:

Funds in the amount of \$43,469.00 for this study will be split between Wastewater Treatment (218) and Water Production (219) accounts and are available in the Utilities/WW Treat/Other Professional Services account, number 47121836-033190, and Utilities/Water Prod/Other Professional Services 47121936-033190 in the Utilities operating fund. Utilities operating funds are derived from water and sewer sales.

Description	Account Number	Amount
Utilities/Water Prod /Other Professional Services	47121936-033190	\$ 34,775.20
Utilities/WW Treat/Other Professional Services	47121836-033190	\$ 8,693.80
Total		\$ 43,469.00

Recommendation:

Staff recommends that the Board of County Commissioners authorize Work Order Number 11 to Tetra Tech, Inc., to complete the study for the amount of \$43,469.00, and authorize the Chairman to sign on their behalf.

Attachment:

1. Work Order No. 11 Tetra Tech, Inc.