

Indian River County, Florida  
Department of Utility Services  
Board Memorandum

**Date:** March 1, 2022

**To:** Jason E. Brown, County Administrator

**From:** Cindy Corrente, Interim Director of Utility Services

**Through:** Jennifer Hyde, Purchasing Manager

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

**Subject:** Change Order to All Webbs Enterprises, Inc., for the Well Field Feasibility Expansion Study

**Background/Analysis:**

On June 8, 2021, the Board of County Commissioners (BCC) approved an agreement with All Webbs Enterprises, Inc. (AWE), for the well field feasibility expansion study at wells S1 at the South County Water Treatment Plant (SCWTP) and N7 at the North County Water Treatment Plant (NCWTP). The goal of the project was to explore the feasibility of potentially utilizing the Lower Floridan Aquifer (LFA) as a water source so as not to impact existing legal users (ELUs), as required by the St. Johns River Water Management District (SJRWMD).

During the initial phase of work at S1, the well collapsed with sand filling the well from behind the casing. Upon investigation, it became apparent that the damage was so significant that the well was not salvageable and had to be plugged. Staff is currently working with Kimley-Horn and Associates, Inc., (KHA) for the surveying, permitting, bidding, and construction services for the replacement of well S-1.

Plans were made in December 2021 to mobilize to well N7 to begin work. It was discovered that there were three gopher tortoise burrows within 25 feet of the planned work area limits, and this required relocation of the tortoises.

In the course of permitting the discharge for N7, the Indian River Farms Water Control District indicated that the permit would be contingent upon meeting two strict water quality parameters: total dissolved solids (TDS) and turbidity. Complying with these conditions will require that discharge water be blended with raw water from the surrounding wells (via the raw water main) and installation of additional turbidity measures that were not accounted for in the original AWE agreement.

At this time, we are requesting a net deductive change order to the agreement with AWE, consisting of an increase of \$92,435 for additional measures required to address the gopher tortoises and discharge limitations for N7, and a reduction of \$303,900 for work that was no longer needed for well S1. The net change to the AWE agreement is a reduction of \$211,465, leaving the total for the agreement at \$780,635.

**Funding:**

Funds in the amount of \$780,635 for this project were already budgeted in the Utility operating fund account Utilities/Water Production/Other Professional Services account number 47121936-033190. Operating funds are derived from water and sewer sales. Since this is a net reduction to the original agreement with AWE, no additional funds are needed for this change order. The revised total of the agreement is reflected in the table below.

Description	Account Number	Amount
Utilities/Water Production/Other Professional Services	47121936-033190	\$780,635

**Recommendation:**

Staff recommends that the Board of County Commissioners approve the deductive change order in the amount of \$211,465, leaving a revised total agreement with All Webbs Enterprises, Inc., in the amount of \$780,635, and authorize the Chairman to execute the change order on their behalf.

**Attachment:**

1. AWE Change Order No. 1