

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

Date: August 1, 2023

To: Indian River County Board of County Commissioners

Through: John A. Titkanich, Jr., County Administrator
Sean C. Lieske, Director of Utility Services

From: Howard G. Richards, PE, Manager - Capital Projects

Subject: Amendment 2 to Kimley-Horn Work Order No. 15 – Ixora Park Sewer Rehabilitation

Descriptions and Conditions:

Ixora Park Subdivision contains approximately 9,710 linear feet of vitrified clay pipe (VCP) gravity sewer and 23 manholes dating from 1952. A lift station connects the system from the northwest corner of the property into a force main along 1st Street Southwest. Indian River County Department of Utility Services (IRCDUS) has discovered deficiencies in the VCP through sand buildup and weakening of the roadways.

On September 17, 2019, the Indian River County (IRC) Board of County Commissioners (BCC) approved Work Order (WO) No. 15 to Kimley-Horn and Associates, Inc. (KHA) in the amount of \$80,219.00 to provide professional engineering services for design specifications and a comprehensive Opinion of Probable Cost (OPC) for cast-in-place pipe (CIPP) sewer rehabilitation and laterals.

On August 18, 2020, the BCC approved Amendment 1 to WO No. 15 for a net amount of \$33,651.00, bringing the total for WO No. 15 to \$113,870.00. Amendment 1 added the following: assessing the feasibility of a vacuum sewer system; and changing the scope from design specifications for CIPP rehabilitation to design/redesign, construction plans, specifications, and bid documents for full line replacements directly in the existing locations off the roadway centerline.

KHA had completed 90% of the design under WO No. 15 with Amendment 1 for a total cost of \$108,176.50, leaving a balance of \$5,693.50 remaining from the \$113,870.00 approved by the BCC. Subsequent to that, staff requested KHA to make the following design changes:

- Relocation of all gravity sewers to the centerline of the roadway to meet IRCDUS or Regulatory Agency requirements for slopes and manhole depths.
- Relocation of all water distribution mains from the easement located behind the homes and where they are currently located in the roadways to within the roadway right of ways.

Although these two additional requests by staff were outside the scope of Amendment 1, KHA proceeded in good faith to incorporate the changes within the 90% design plans in order to assist IRCDUS in acquiring grant funding for the project. KHA had previously provided a draft Amendment 2 to cover the full cost of the two additional requests. However, staff turnovers within IRCDUS and KHA during this time period resulted in a

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loss of knowledge surrounding the logistics of the project, thereby the amendment was never brought before the BCC for approval. The work performed by KHA was confirmed by a former employee, John Boyer, per the attached email.

Lastly, the direction of the scope/changes the project was taking have rendered the magnitude of cost to be outside the funding capability of IRCDUS at the present time. As such, it was decided to discontinue the project and replace with a new project that is scaled to meet new funding requirements.

Analysis:

KHA has provided a revised Amendment 2 with a “recovery” scope for the additional work that was performed over and above that of Amendment 1, for the incremental amount of \$31,251.00 above the current BCC approved amount of \$113,870.00. If approved by the BCC, the new total approved amount would be increased to \$145,121.00, leaving a new balance of \$36,944.50 as shown in the following table:

Description	Amount
Balance of existing funds available	\$5,693.50
Incremental additional funds required	\$31,251.00
Total new balance	\$36,944.50

Funding:

Expenses in the amount of \$31,254.00 for this project will be recorded in the operating capital account Utilities/WIP/Ixora Park Sewer Lines, number 471-169000-16513. Since this is a Utilities operating capital project, the funds will come from fund balance. Utilities operating funds are derived from water and sewer sales.

Description	Account Number	Amount
Utilities/WIP/Ixora Park Sewer Lines	471-169000-16513	\$31,251.00

Recommendation:

Staff recommends that the Board of County Commissioners approve Amendment 2 to Kimley-Horn and Associates, Inc. Work Order No. 15 in the amount of \$31,251.00 to cover additional Indian River County Department of Utility Services’ requested changes for the Ixora Park Sewer Rehabilitation, and authorize the chair to execute the same. So long as there are no changes in the dollar amount under the work order, upon adequate completion of the work set forth in the work order, staff is directed to make final payment and release any retainage to Kimley-Horn and Associates, Inc., after review and approval by the Purchasing Manager and the County Attorney’s Office.

Attachments:

- John Boyer’s Email re Ixora Park - Kimley Horn Services
- Signed 2 CCNA2018 WO15 Amend 2 and KHA Recovery Scope for Ixora Park