

CCNA2018 AMENDMENT 1 TO WORK ORDER 15

IXORA PARK SEWER SYSTEM REHABILITATION

This Amendment 1 to Work Order Number 15 is entered into as of this ___ day of _____, 2020, pursuant to that certain Continuing Consulting Engineering Services Agreement for Professional Services entered into as of this 17th day of April, 2018 (collectively referred to as the "Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Kimley Horn and Associates, Inc ("Consultant").

- 1. The COUNTY has selected the Consultant to perform the professional services set forth in existing Work Order Number 15, Effective Date September 17, 2019.
- 2. The COUNTY and the Consultant desire to amend this Work Order as set forth on Exhibit A (Scope of Work) attached to this Amendment and made part hereof by this reference. The professional services will be performed by the Consultant for the fee schedule set forth in Exhibit B (Fee Schedule), and within the timeframe more particularly set forth in Exhibit C (Time Schedule), all in accordance with the terms and provisions set forth in the Agreement.
- 3. From and after the Effective Date of this Amendment, the above-referenced Work Order is amended as set forth in this Amendment. Pursuant to paragraph 1.4 of the Agreement, nothing contained in any Work Order shall conflict with the terms of the Agreement and the terms of the Agreement shall be deemed to be incorporated in each individual Work Order as if fully set forth herein.

IN WITNESS WHEREOF, the parties hereto have executed this Work Order as of the date first written above.

CONSULTANT:

**BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY**

By: _____

By: _____

Susan Adams, Chairman

Print Name: _____

Title: _____

BCC Approved Date: _____

Attest: Jeffrey R. Smith, Clerk of Court and Comptroller

By: _____

Deputy Clerk

Approved: _____

Jason E. Brown, County Administrator

Approved as to form and legal sufficiency: _____

Dylan T. Reingold, County Attorney

EXHIBIT A

Amendment to Work Order Number 15

Indian River County Department of Utility Services (IRCU)

Ixora Park Sewer System Rehabilitation

PROJECT UNDERSTANDING

Kimley-Horn and Associates, Inc. (the Consultant) completed a Sewer System Evaluation Survey (SSES) of the condition of the existing Ixora Park sewer infrastructure and recommended improvements to rehabilitate or replace components of the system.

In response to the recommendations, IRCU has opted to replace the entire Ixora Park gravity sewer system. This amendment to Work Order 15 serves to adjust the scope appropriately.

AMENDED SCOPE OF WORK

TASK 1 - PHASE 2 SSES

The Phase 2 SSES is complete, but additional funds are required for assessing the feasibility of a vacuum sewer system and review of documents provided by AirVac. The Consultant will provide a summary of findings and recommendations to IRCU based on our assessment of the vacuum sewer system.

TASK 2 - PIPE LINING AND LATERAL REHABILITATION

Approximately 4,100 LF of gravity sewer pipe was recommended to be cleaned and lined using cast-in-place pipe (CIPP) and nine (9) laterals on these pipes were recommended for rehabilitation. These pipes will instead be fully replaced, and the funds previously attributed to Task 2 will be allocated to Task 3.

TASK 3 - FULL SEWER PIPE REPLACEMENT

Task 3.1 - Survey

Previous survey of the Ixora Park neighborhood was completed by the Consultant in 2016. In addition to being outdated, this survey was solely topographic and did

not include survey data necessary to design a full replacement of the sewer system or roadway improvements.

William B. Zentz and Associates, Inc. will serve as a Subconsultant on this project to provide an updated survey to include survey data necessary for design by the Consultant. The proposal is attached as Attachment 1.

Task 3.2 – Prepare Design Drawings and Specifications

Consultant will develop construction plans and technical specifications for full replacement of the gravity sewer pipes in the Ixora Park sanitary sewer system using survey provided by Subconsultant. Consultant will design roadway improvements for excavated areas to address depressions in the roadway above failed sewer pipe.

Consultant will prepare 60%, 90%, and final design drawings and specifications. Consultant will attend a review meeting, respond to IRCU comments, and incorporate agreed upon adjustments for the 90% and final plan sets.

Consultant will provide digitally signed and sealed electronic copies in PDF format to comply with regulations put in place for the Coronavirus pandemic.

Consultant will prepare and provide an opinion of probable construction cost (OPC) based on final design documents.

Consultant will apply for a Right-Of-Way permit on behalf of IRCU using the final design documents.

Task 3.3 – Bidding Assistance

Consultant will prepare bid documents for IRCU to publicly advertise. Front-end documents will be prepared and provided by IRCU. Consultant will provide digitally signed and sealed electronic copies in PDF format.

Consultant will provide written responses to contractor requests for information (RFI) related to the bid documents. Consultant will attend pre-bid meeting. Consultant will review submitted contractor bids and prepare a written award recommendation to IRCU.

ASSUMPTIONS

- Since this work is a direct replacement, permits from FDEP are not anticipated.
- Contractor(s) will obtain any necessary Maintenance of Traffic (MOT).
- Contractor(s) will obtain any necessary Dewatering Permit from the South Florida Water Management District (SFWMD).
- Road reconstruction will be limited to the area of sewer pipe replacement.
- IRCU will be responsible for all permit fees and advertising costs.

ADDITIONAL SERVICES

Any services not specifically provided for in the above scope will be billed as Additional Services and performed at then-current hourly rates. Additional services we can provide include but are not limited to construction phase services.

SCHEDULE

In general, the following schedule is anticipated from Notice to Proceed (NTP):

Task 3 FULL SEWER PIPE REPLACEMENT 4 - 6 months

FEE SCHEDULE

We will provide these services in accordance with our Continuing Services Contract Agreement for Professional Services dated April 17th, 2018, with Indian River County.

The Consultant will provide the following adjustments to the lump sum fees indicated in Work Order 15:

Task No.	Task	Adjustment to Task Fee
TASK 1	PHASE 2 SSES	+\$2,119
TASK 2	PIPE LINING AND LATERAL REHAB	-\$15,889
TASK 3	FULL SEWER PIPE REPLACEMENT	+\$47,421
	TOTAL FEE ADJUSTMENT	+\$33,651
	NEW WORK ORDER 15 TOTAL	\$113,870



William B. Zentz & Associates, Inc.
 Professional Surveying & Mapping
 684 Old Dixie Highway Vero Beach, Florida 32962
 Phone : (772) 567-7552 Fax : (772) 567-1751

Proposal

June 23, 2020

Proposal #20-26

To : Kimley-Horn & Assoc.
 1920 Wekiva Way, Ste. 200
 West Palm Beach, Fl 33431
 Attn: Ms. Vaughn Hyduk, P.E.

For : Survey Work
 Ixora Park Sanitary project
 Vero Beach, Fl
 Indian River County, Fl

Scope of work:

Task 1 – Obtain location and NAVD’88 elevations of 39 sanitary manholes with invert elevations and roadway elevations in Ixora Park and Eastview Gardens subdivisions and per attached aerial outlined in green. Locations to be shown relative to platted right-of-way line tie-in.

Approximate total roadway length = 11,000 feet.

Deliverables: survey drawing depicting manhole locations/elevations and pavement locations relative to platted rights-of-way.

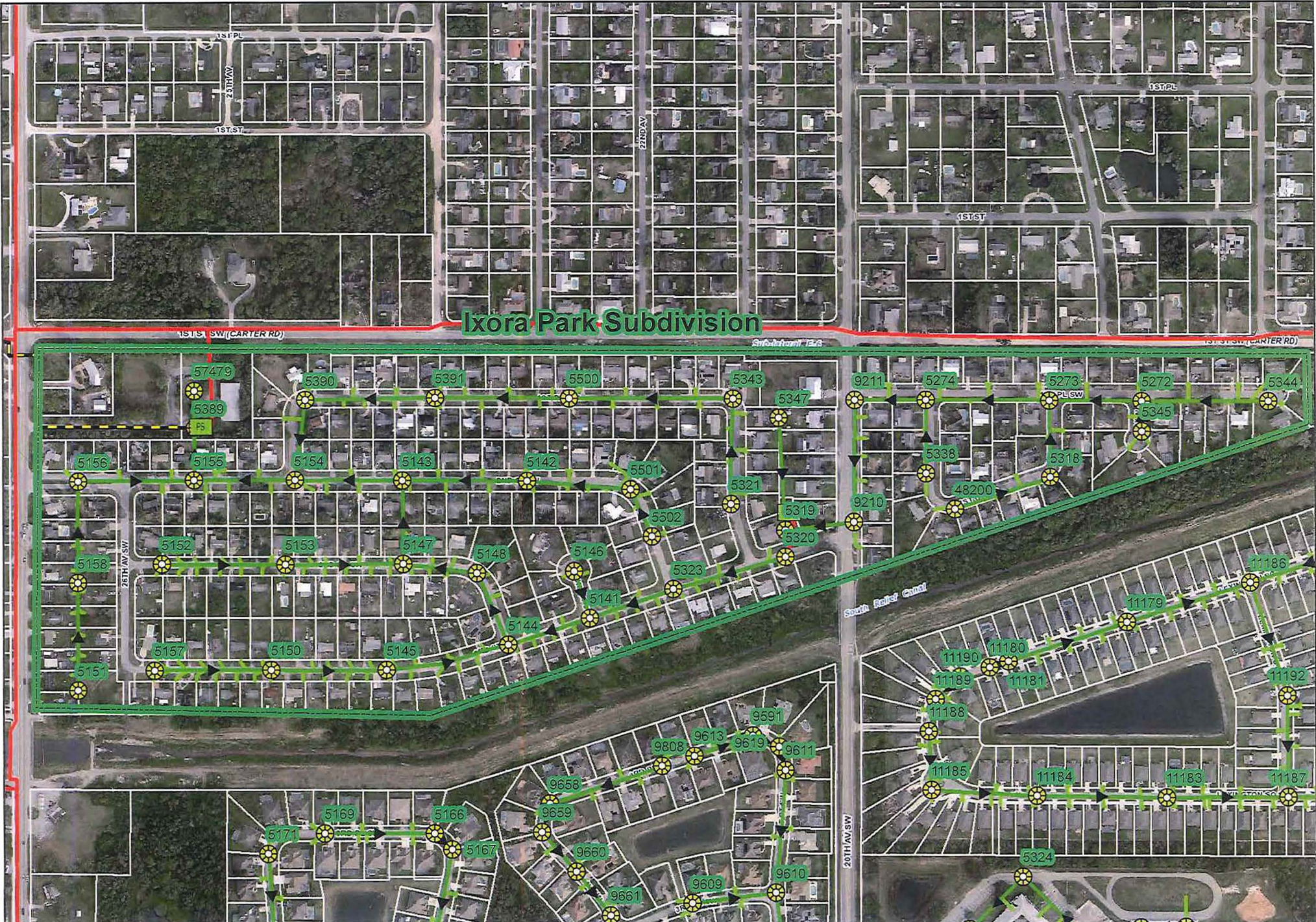
Datums: Horizontal-NAD 83/90 or newer (to be noted on survey).
 Vertical-NAVD ‘88

Associated fees:



Task 1 – lump sum fee\$12,000.00

Total this proposal\$12,000.00

Thank you for your request for survey services.
 Please submit Purchase Order to Validate Proposal.



Ixora Park Subdivision

	<p>Title</p> <p style="text-align: center;">Ixora Park Existing Gravity Sewer</p>	<p>Legend</p> <p style="color: green;">XXXX Manhole ID Number</p> <p> Collector, Active Standard, Indian River County </p>	<p>0 100 200 300 400</p> <p style="text-align: center;"> Feet 1 in = 400 feet </p>	<p>N</p> 	<p>Date: 11/14/2018</p>
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