

Kimley»»Horn

October 21, 2019

Bryan Gongre
Utilities Inc., of Florida
200 Weathersfield Ave.
Altamonte Springs, FL 32714

Re: Crescent Bay Raw Water Main
LUSI Service Area

Dear Bryan:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "Consultant") is pleased to submit this letter agreement (the "Agreement") to Utilities Inc., of Florida ("Client") for providing services related to the designing a raw water main connecting the Crescent Bay well to the CR 561 WTP. The Crescent Bay well currently operates independently as a relief WTP during peak events but can be used to greater effectiveness by manifolding into the existing raw water main on CR 561.

Project Understanding

We have modeled out the raw water main and existing well system to preliminarily size the raw water main to minimize the effect on the other wells connected to the existing raw water main. The route leaves the Crescent Bay well and will need to be drilled under the canal on the north end of Crescent Lake and cross over to Crescent Lake Court, a run of approximately 1,100 feet. Easements will need to be obtained for this crossing and it will require surveying to complete. The route the continues approximately 3,400 feet through the subdivision along Crescent Lake Court to Bee Tree Trail where it crosses into the Crescent West well site. While the right of way looks wide, we recommend having survey completed through this area as well to provide detailed information regarding existing infrastructure such as the storm and potable mains in the area. The route would then parallel the existing raw water main in the existing easement for 1,000 feet to CR 561 where it will connect to the 18-inch raw water main.

Scope of Services

Kimley-Horn will provide the services specifically set forth below.

Task 1 – Raw Main Design

This task is the preparation of plans and specifications for the selected raw water main route. A survey of the route will not be performed. LUSI GIS and aerial photography will be the basis of the design plans. Plans will be developed in plan view only with specific details prepared for any profiles or cross sections necessary. Profiles will be required for the water crossing and the crossing at CR 561. A street level review of the route shows the south side of Crescent Lake Ct appears to be more open due to roadside swales in the north right of way. The design and surveying will include the effort required to develop the sketch and description of the easement necessary to cross Crescent Lake.

The Crescent Lake Well is not projected to be modified as part of this design, but the design point will be compared with the revised pressures that will be experienced by pumping to the CR 561 WTP. It is our understanding that the well is already connected to the SCADA system and no electrical

infrastructure will need to be added to integrate the well into the operating sequence of the CR 561 WTP. Any electrical programming work is not included in this scope and is assumed to be handled separately and directly with the integrators.

Technical specifications and bidding documents will be prepared. A private bid will be solicited from at least three contractors. Bid documents will be electronically distributed to bidders. Any questions during the bidding period will be addressed as needed. Bids will be received electronically, reviewed, and tabulated for consideration.

Task 2 – Permitting

FDEP permitting will be required for this project for the raw water main route and the water crossing. A right of way utilization permit will be required by Lake County and we will assist the selected contractor as needed.

Task 3 – Construction Services

This task will include any shop drawing review, responses to contractor questions, inspection of progress (as requested), review of final testing and clearance, and record drawing preparation.

Services Not Included

Any other services, including but not limited to the following, are not included in this Agreement:

- Geotechnical
- Survey
- Structural
- Electrical

Additional Services

Any services not specifically provided for in the above scope will be billed as additional services and performed at our then current hourly rates.

Information Provided By Client

We shall be entitled to rely on the completeness and accuracy of all information provided by the Client or the Client's consultants or representatives.

Fee and Expenses

Kimley-Horn will perform the services in Tasks 1 - 3 for the total lump sum fee below. Individual task amounts are informational only. All permitting, application, and similar project fees will be paid directly by the Client.

Task 1: Raw Water Main Design	\$40,000
<i>Easement Sketch and Legal Description</i>	<i>\$10,000</i>
Task 2: Permitting	\$10,000
Task 3: Construction Services	\$10,000
Total Lump Sum Fee	\$70,000

Lump sum fees will be invoiced monthly based upon the overall percentage of services performed. Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Kimley-Horn project number.

Closure

In addition to the matters set forth herein, our Agreement shall include and be subject to, and only to, the attached Standard Provisions, which are incorporated by reference. As used in the Standard Provisions, "Consultant" shall refer to Kimley-Horn and Associates, Inc., and "Client" shall refer to Utilities Inc., of Florida.

Kimley-Horn, in an effort to expedite invoices and reduce paper waste, submits invoices via email in an Adobe PDF format. We can also provide a paper copy via regular mail if requested. Please include the invoice number and Kimley-Horn project number with all payments.

If you concur in all the foregoing and wish to direct us to proceed with the services, please have authorized persons execute both copies of this Agreement in the spaces provided below, retain one copy, and return the other to us. We will commence services only after we have received a fully-executed agreement. Fees and times stated in this Agreement are valid for ninety (90) days after the date of this letter.

We appreciate the opportunity to provide these services to you. Please contact me if you have any questions.

Very truly yours,
KIMLEY-HORN AND ASSOCIATES, INC.

By: Steve Romano, PE
Sr. Project Manager

Authorized By:
Title:

AUTHORIZED BY:

UTILITIES INC., OF FLORIDA


Bryan K. Gongre
Printed Name:
Title: Regional Mgr.

2/12/20
Date

Attachment – Standard Provisions