

January 6, 2023

City of North Port  
Utilities Department  
6644 W. Price Blvd.  
North Port, Florida 34291

**RE: Request for Letters of Interest No. 2023-09;  
Myakkahatchee Creek Surface Water Treatment Plant  
Raw Water Pipeline and Pipeline Interconnection  
Between the Ground Storage Tanks**

Kimley-Horn is grateful for the opportunity to present our qualifications to the City of North Port Utilities Department (NPU) for the Myakkahatchee Creek Surface Water Treatment Plant (MCWTP) pipeline improvement project. We understand NPU must balance the renewal of aged water infrastructure with strategies that improve operational flexibility and ensure longevity of the proposed improvements. We have compiled a team of experts that have substantial inside-the-fence experience with pipeline replacement and rehabilitation projects for both public and private entities that have sustained successful delivery of projects over the past decade. With the support of our highly qualified team of professionals and their depth of surface water plant experience, Kimley-Horn is fully committed to providing NPU the resources needed to support, manage, and oversee successful installation of this raw water pipeline.

Having worked closely with NPU staff, we also have first-hand knowledge of NPU's review processes and communication preferences. Kimley-Horn understands the importance of responsiveness and collaboration in developing deliverables as well as frequent communication during the construction certification phase to keep NPU staff, including the MCWTP plant operators and utility administrators, well informed throughout the course of the project. As Project Manager, I, **Ashley Miele, P.E.**, am committed to serving your needs and providing exceptional client service through every phase of this project.

## Our Approach

The MCWTP consists of two treatment trains, the first of which was constructed in 1964 and the second constructed in 1974. The City is looking to secure qualified professional engineering services to design and replace the raw water pipeline, and is proposing a new interconnect between the two ground storage tanks so they can be operated in series. The raw water main is an 18-inch diameter pipe approximately 330 linear feet in length and includes replacement of the pipeline from the splitter box to the flocculation chambers.

Pipeline rehabilitation projects within the limits of a facility such as a water treatment plant presents obstacles such as limited space for construction, impacts to existing utilities, construction sequencing, and operational challenges. Working within confined and congested corridors such as the MCWTP presents unique challenges such as limited access and both buried and aboveground process piping. In our approach, our team will include identifying the most appropriate location for the proposed raw water main in order to limit interruptions to the treatment process, plant personnel, and deliveries to the plant during our preliminary design phase. In design development, we will identify potential staging areas and will coordinate with NPU staff to identify restrictions when working on the MCWTP site so these may be incorporated in the technical specifications. Similarly, our team will coordinate closely with NPU staff to determine the schedule for connections to existing facilities as well as necessary plant shut-downs. These operations will be considered in design and constructability reviews and should be carefully orchestrated during construction.

## Project Understanding and Deliverables



Kimley-Horn understands NPU is seeking a qualified professional engineering firm to design and permit the replacement of the raw water pipeline and a new interconnect pipeline between the two ground storage tanks at the Myakkahatchee Creek Water Treatment Plant.

### The deliverables to be provided are as follows:

- ✦ Kick-off meeting minutes
- ✦ Data request list
- ✦ Attendance at progress meetings with NPU as needed
- ✦ Design of pipelines
- ✦ Development of specifications
- ✦ Review plans and specifications with NPU, if necessary
- ✦ Engineer's estimate of probable cost
- ✦ Permit applications, if necessary
- ✦ Final design, permits (if necessary), specifications and details, twenty-six (26) weeks after Kick-off meeting
- ✦ Attend Pre-Bid meeting, if necessary
- ✦ Answer any requests for additional information during the bidding process for first phase of construction, if necessary
- ✦ Attend Pre-Construction meeting
- ✦ Review shop drawings
- ✦ After construction, certification of construction (if necessary)
- ✦ Provide record drawings

**Our Approach (continued)**

The project will follow our tried-and-true workflow with the City. Upon receipt of the Notice to Proceed, our team will facilitate a project kick-off with NPU stakeholders and identify project goals and key points of contact. We will move into the data collection phase and review asbuilts and existing utility information to formulate a preliminary layout and identify chief project concerns. Once we have a better grasp on the project details, we will schedule a pre-application meeting with FDEP to determine whether or not a formal permit application package is required. From previous experience with the Florida Department of Health (FDOH), we have found these pre-application meetings are invaluable in getting permit application packages submitted efficiently and approved quickly. In some pipeline rehabilitation cases such as this, we have found that permit applications typically aren't required and therefore this pre-application meeting could potentially provide significant cost savings. At this phase we'll also determine the need for survey, subsurface utility explorations (SUE), and geotechnical services from our subconsultants **Hyatt Surveying** (survey and SUE) and **Universal Engineering Sciences** (geotechnical). From previous experience, we know and understand records are not always kept for older facilities such as this and therefore the incorporation of SUE will be important in this task to identify exact horizontal and vertical information and reduce the possibility of change orders during construction.

Into intermediate design, we will develop detailed construction plans, a set of technical specifications, and an Engineer's Estimate of Probable Construction Cost (EOPCC) based on the selected alignment. The 90% and final design deliverables will incorporate comments from the City and further refine the information shown in the plans and specifications. At every project milestone, we will schedule progress meetings with NPU staff to collect input and address any concerns on the proposed improvements. Our team is extremely familiar with NPU staff and will continue to promote an atmosphere of open and honest collaboration.

**We have identified the following cost saving measures we will implement to control budget. Many of these cost saving measures also have added schedule benefits.**

**Cost Saving Measures**

<b>Permit Pre-Application Meetings</b>	Having a pre-application meeting will confirm if a permit application is necessary since this project is a pipeline rehabilitation project and may not require permitting.
<b>Material Selection</b>	Although ductile iron pipe is typically the preferred material within facilities, our team will review and evaluate application, availability, and cost for alternative pipe materials
<b>Constructability Review</b>	At preliminary, intermediate, and final design phases our team will incorporate these reviews to limit potential change orders and identify means for equipment access prior to construction.
<b>In-House Experience</b>	Our multidisciplinary approach promotes streamlined communications and collaboration to workshop innovative solutions and address value engineering opportunities.
<b>Subsurface Utility Explorations (SUE)</b>	Identifying exact horizontal and vertical location of existing utilities will reduce change orders and unforeseen construction conditions.

**Meet the Team**

**Kimley-Horn's team of local experts are perfectly suited for the project's needs.**



**Ashley Miele, P.E.**  
Project Manager

**70%**  
AVAILABILITY

- ★ 19 years of experience on pipeline rehabilitation projects
- ★ Extensive experience with congested corridors and working inside the fence with facilities yard piping
- ★ Recently completed projects in and for North Port and can expertly navigate permitting, bidding, and project close-out



**Madeline Kender, P.E.**  
Task Manager

**80%**  
AVAILABILITY

- ★ Has extensive experience with City of North Port and utility pipeline installations
- ★ Local to Sarasota and can be readily available to attend meetings, perform site visits or site inspection services, as needed
- ★ Will act as an extension of City staff, establishing open lines of communication with City engineers, operators, and inspectors



**Doug Eckmann, P.E.**  
Design Lead

**75%**  
AVAILABILITY

- ★ 40 years of surface water treatment experience in Southwest Florida
- ★ Has lead more than \$450 million of capital improvements in Florida's southwest coastal region
- ★ Experience incorporating state-of-the-art innovative solutions to address Florida's complex water resource challenges

**Supporting Team Members**



**Lewis Bryant, P.E.**  
QA/QC

**70%**  
AVAILABILITY

- ★ 19 years of experience on pipeline rehabilitation projects
- ★ Extensive experience with congested corridors and working inside the fence with facilities yard piping
- ★ Recently completed projects in and for North Port and can expertly navigate permitting, bidding, and project close-out



**Seth Schmid, P.E.**  
Structural Lead

**70%**  
AVAILABILITY

- ★ Has extensive experience with City of North Port and utility pipeline installations
- ★ Local to Sarasota and can be readily available to attend meetings, perform site visits or site inspection services, as needed
- ★ Will act as an extension of City staff, establishing open lines of communication with City engineers, operators, and inspectors



**Ramon Diaz**  
Construction Services

**80%**  
AVAILABILITY

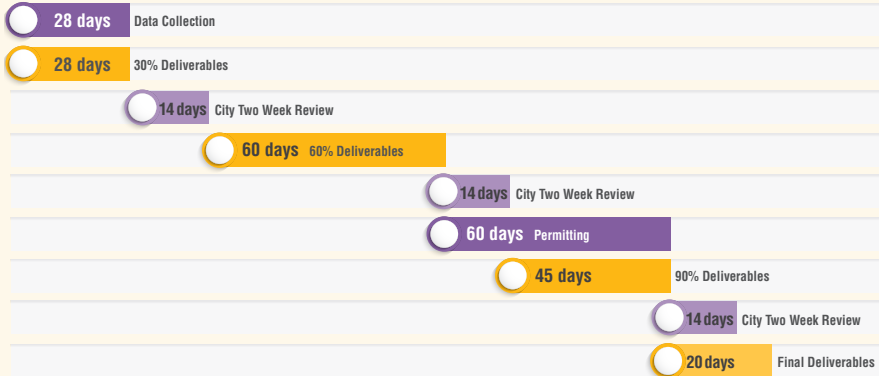
- ★ 40 years of surface water treatment experience in Southwest Florida
- ★ Has lead more than \$450 million of capital improvements in Florida's southwest coastal region
- ★ Experience incorporating state-of-the-art innovative solutions to address Florida's complex water resource challenges

## Ability to Meet Project Schedule

Our staff is well versed in preparing project schedules that apply the Critical Path Method (CPM), leading to the proactive identification and resolution of issues that impact project delivery. While CPM scheduling is an invaluable resource for timely project delivery, coordinated management and updating of the schedule is imperative. Through routine updates, the schedule maintains its dynamic quality and has the capability to continuously assess the critical path items to ensure they are progressing in accordance with previously agreed upon project delivery dates.

**NOTICE TO PROCEED  
PROJECT KICK-OFF**

*We anticipate this project can be complete within the timeline presented below for a design duration of 26 weeks from the notice to proceed.*



## Reference Projects

### TFRO Wells 6 & 7 for Martin County

**Jeremy Covey, Technical Services Administrator**

Martin County Utilities and Solid Waste  
jcovey@martin.fl.us, 772.221.2353

Our team designed and permitted a raw water main extension to serve two (2) new Floridan Wells located west of I95. The project consisted of 3,100LF of 12-inch and 16-inch HDPE that was installed by direct bury, and two horizontal directional bores. One bore was under I-95, that consisted of 510 LF of 18-inch HDPE, and the other bore went under the FL Turnpike, that consisted of 680 LF of 30-inch HDPE casing with a 16-inch HDPE carrier pipe. The raw water main design included the connection into the County's Tropical Farms WTP 32-inch plant feed line with 32-inch and 24-inch HDPE fittings/adapters.

### Cocoanut Force Main 2

**Anthony Centurione, Capital Projects Engineer**

City of Sarasota  
anthony.centurione@sarasotafl.gov, 941.316.8490

This project consisted of installation of two (2) 24-inch pipes at the City of Sarasota's wastewater treatment plant. Kimley-Horn, as a subconsultant to Greeley and Hansen, provided design and permitting support for the pipeline installation within the wastewater treatment plant site. The inside-the-fence activities included the installation of a 24-inch below grade piping and then due to existing utilities, congested corridor and existing building limitations the pipe was brought above grade behind a building with custom pipe supports and ARVS. The pipeline was designed to minimize impacts to plant operations and other associated utilities.

### North Jensen RO-5 Raw Water Main Extension

**Todd Leyland, Treatment Plant Operations Administrator**

Martin County Utilities and Solid Waste  
tleyland@martin.fl.us, 772.260.9207

Our Kimley-Horn team along with JLA Geosciences, Inc., developed Martin County's first Florida wellfield for their North Jensen Beach water treatment plant (WTP). Project services consisted of master planning, raw water main corridor study and design, water supply permitting, wellfield siting and development, and oversight of the construction of four deep Floridan wells. Our project team designed and permitted the major raw water components and through the preliminary evaluations provided a design to maximize operational flexibility by splitting the well fields. The team also provided water use permitting, wetland monitoring, rehabilitation and abandonment of old wells, and planning for the shallow water wellfield.

### Sarasota County/Peace River Interconnect

**John Saputo, IV, Construction Manager**

Sarasota County  
jsaputo@scgov.net, 941.650.0022

Kimley-Horn was selected to provide design and construction phase services for more than 5 miles of 30-inch potable water transmission main that connects to the termination point of the Peace River Manasota Regional Water Supply Authority (PRMRWSA) Phase 3B pipeline and Pump Station Number 5 (Pump Station No. 5). Improvements at Pump Station No. 5 were required to incorporate the new transmission main as a new fill line to the existing 2.5 MG tank, including replacing a segment of 24-inch DI water main, coordinating with CROM Corporation to design two additional tank penetrations and adding chemical injection ports on the new fill line. All Pump Station No. 5 improvements were designed to minimize downtime during construction and increase operator flexibility.

# DISCLOSURE FORM FOR CONSULTANT/ENGINEER/ARCHITECT

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Please select only one of the following three options:

**Print Form**

**Clear All Fields**

Our firm has no actual, potential, or reasonably perceived, **financial\*** or **other interest\*\*** in the outcome of the project.

Our firm has a potential or reasonably perceived **financial\*** or **other interest\*\*** in the outcome of the project as described here:

\_\_\_\_\_.

Our firm proposes to mitigate the potential or perceived conflict according to the following plan:

Our firm has an actual **financial\*** or **other interest\*\*** in the outcome of the project as described here:

\_\_\_\_\_.

**\*What does "financial interest" mean?**

If your firm, or employee(s) of your firm working on the project (or a member of the employee's household), will/may be perceived to receive or lose private income depending on the government business choices based on your firm's findings and recommendations, this must be listed as a financial interest. An example would be ownership in physical assets affected by the government business choices related to this project. The possibility of contracting for further consulting services is not included in this definition and is not prohibited.

**\*\*What does "other interest" mean?**

If your firm, or employee(s) of your firm working on the project (or a member of the employee's household), will/may be perceived to have political, legal or any other interests that will affect what goes into your firm's findings and recommendations, or will be/may be perceived to be affected by the government business choices related to this project, this must be listed as other interest.

**BUSINESS NAME:** Kimley-Horn and Associates, Inc.

**NAME (PERSON AUTHORIZED TO BIND THE COMPANY):** Gary Nadeau, P.E., Sr. Vice President

**SIGNATURE:**  **DATE:** 01/06/2023

## CONFLICT OF INTEREST FORM

F.S. §112.313 places limitations on public officers (including advisory board members) and employees' ability to contract with the City either directly or indirectly. Therefore, please indicate if the following applies:

### PART I.

- I am an employee, public officer or advisory board member of the City  
\_\_\_\_\_ (List Position or Board)
- I am the spouse or child of an employee, public officer or advisory board member of the City  
Name: \_\_\_\_\_
- An employee, public officer or advisory board member of the City, or their spouse or child, is an officer, partner, director, or proprietor of Respondent or has a material interest in Respondent. "Material interest" means direct or indirect ownership of more than 5 percent of the total assets or capital stock of any business entity. For the purposes of [§112.313], indirect ownership does not include ownership by a spouse or minor child.  
Name: \_\_\_\_\_
- Respondent employs or contracts with an employee, public officer or advisory board member of the City  
Name: \_\_\_\_\_
- None of The Above

### PART II:

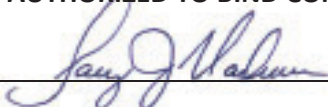
Are you going to request an advisory board member waiver?

- I will request an advisory board member waiver under §112.313(12)
- I will NOT request an advisory board member waiver under §112.313(12)
- N/A

The City shall review any relationships which may be prohibited under the Florida Ethics Code and will disqualify any vendors whose conflicts are not waived or exempt.

**BUSINESS NAME:** Kimley-Horn and Associates, Inc.

**NAME(PERSON AUTHORIZED TO BIND COMPANY):** Gary Nadeau, P.E., Sr. Vice President

**SIGNATURE:**  \_\_\_\_\_

**THIS PAGE MUST BE SUBMITTED WITH LETTER OF INTEREST**

**Scrutinized Company Certification Form**


Company Name: <u>Kimley-Horn and Associates, Inc.</u>			
Authorized Representative Name and Title: <u>Gary Nadeau, P.E., Sr. Vice President</u>			
Address: <u>1777 Main Street, Suite 200</u>	City: <u>Sarasota</u>	State: <u>FL</u>	ZIP: <u>34236</u>
Phone Number: <u>941.379.7654</u>	Email Address: <u>gary.nadeau@kimley-horn.com</u>		

A company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with the City of North Port for goods or services of any amount if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Florida Statutes, section 215.4725, or is engaged in a boycott of Israel.

A company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with the City of North Port for goods or services of \$1 million or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Florida Statutes, section 215.473, or with companies engaged in business operations in Cuba or Syria.

**CHOOSE ONE OF THE FOLLOWING**

- This bid, proposal, contract or contract renewal is for goods or services of less than \$1 million. As the person authorized to sign on behalf of the above-named company, and as required by Florida Statutes, section 287.135(5), I hereby certify that the above-named company is not participating in a boycott of Israel.
  
- This bid, proposal, contract or contract renewal is for goods or services of \$1 million or more. As the person authorized to sign on behalf of the above-named company, and as required by Florida Statutes, section 287.135(5), I hereby certify that the above-named company is not participating in a boycott of Israel, is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and it does not have business operations in Cuba or Syria.

I understand that pursuant to Florida Statutes, section 287.135, the submission of a false certification may result in the termination of the contract if one is entered into, and may subject the above-named company to civil penalties, attorney's fees and costs.	
Certified By: <u></u>	
AUTHORIZED REPRESENTATIVE SIGNATURE	
Print Name and Title: <u>Gary Nadeau, P.E., Sr. Vice President</u>	
Date Certified: <u>1/6/2023</u>	

**Solicitation/Contract/PO Number (Completed by Purchasing):** \_\_\_\_\_

**VENDOR'S CERTIFICATION FOR E-VERIFY SYSTEM**

The undersigned Vendor/Consultant/Contractor (Vendor), certifies the following:

1. Vendor is a person or entity that has entered into or is attempting to enter into a contract with the City of North Port (City) to provide labor, supplies, or services to the City in exchange for salary, wages or other remuneration.
2. Vendor has registered with and will use the E-Verify System of the United States Department of Homeland Security to verify the employment eligibility of:
  - a. All persons newly hired by the Vendor to perform employment duties within Florida during the term of the contract; and
  - b. All persons, including subcontractors or subconsultants, assigned by the Vendor to perform work pursuant to the contract with the City.
3. If the Vendor becomes the successful Contractor who enters into a contract with the City, then the Vendor will comply with the requirements of Section 448.095, Fla. Stat. "Employment Eligibility", as amended from time to time.
4. Vendor will obtain an affidavit from all subcontractors attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien as defined in 8 United States Code, Section 1324A(H)(3).
5. Vendor will maintain the original affidavit of all subcontractors for the duration of the contract.
6. Vendor affirms that failure to comply with the state law requirements can result in the City's termination of the contract and other penalties as provided by law.
7. Vendor understands that pursuant to Florida Statutes, section 448.095, the submission of a false certification may result in the termination of the contract if one is entered into, and may subject the Vendor named in this certification to civil penalties, attorney's fees and costs.

VENDOR: Kimley-Horn and Associates, Inc. (Vendor's Company Name)

Certified By:   
AUTHORIZED REPRESENTATIVE SIGNATURE

Print Name and Title: Gary Nadeau, P.E., Sr. Vice President

Date Certified: 1/6/2023