

January 6, 2023

CITY OF NORTH PORT
 Utilities Department
 6644 W. Price Blvd.
 North Port, Florida 34291

RE: Request for Letters of Interest No. 2023-08;
 Pan American Water Reclamation Facility Centrifuge Building and Monorail System

As the City of North Port embarks on the selection of an engineering consultant to provide design, permitting, and limited construction phase services for centrifuge building improvements and new monorail system for the City's Pan American Water Reclamation Facility (WRF), Kimley-Horn would like to express our sincere professional interest in this opportunity.

The team will be led by **Ashley Miele, P.E.**, who has become a trusted advisor for the City of North Port over the past several years. She has a long-standing reputation for her approach to problem solving and passion for client service. Ashley prioritizes responsiveness and collaboration in developing solutions and has cultivated a team to meet and exceed your expectations. As you will read throughout our approach, Ashley intends to utilize the same well-rounded team of professionals that not only have a history of working together but also have a history working with the City. Team members such as **Seth Schmid, P.E.** who has been providing professional structural services to the City for the past decade, **Madeline Kender, P.E.** who has been working with the City throughout her entire career, and staff such as **Rocco Angerami** and **Steve Romano, P.E.** that provided construction oversight and design expertise on the Southwest Wastewater Reclamation Facility.

Our understanding of the project and past design experience will allow our team to meet the required deliverables in a fast and cost-effective manner.

Project Understanding and Deliverables

Kimley-Horn understands the City is seeking a qualified professional engineering firm to design, permit, and provide limited construction phase services for the centrifuge building improvements and the addition of a monorail for the City's Pan American Water Reclamation Facility (WRF). The City intends to use the Southwest Wastewater Reclamation Facility centrifuge building and monorail, previously designed by the Kimley-Horn team, as a model for these improvements. Kimley-Horn will coordinate closely with City Engineering and Operations staff for a thoughtfully designed, easy to use facility incorporating these design elements and making the best use of existing infrastructure.

The deliverables to be provided are as follows:

- ★ Kick-off meeting minutes
- ★ Data requests
- ★ Conceptual design
- ★ Plans and specifications for the project include: 60%, 90%, bid, and conformed sets
- ★ Permit applications for FDEP and other agencies as necessary
- ★ Up to two Responses to FDEP Requests for Additional Information during the permitting process
- ★ Construction layout
- ★ Review of shop drawings/submittals, RFIs, and COs, as applicable
- ★ Certification of construction completion to FDEP, if necessary
- ★ Record Drawings





Unmatched Experience



Existing Centrifuge Building at the SWWRF

Kimley-Horn provided design, construction phase, and start-up services for the SWWRF, including the design of its centrifuge building and monorail. The very same project team will be involved in the Pan American Water Reclamation Facility Centrifuge Building and Monorail System improvements. Our hands-on experience with such a similar task at the SWWRF and our close relationships with the operations staff will pay immeasurable dividends and significant cost savings, as we develop conceptual plans and construction documents.

Our comprehensive understanding of the needs for the solids handling building at the SWWRF, including lessons learned through design and construction, combined with our experience on similar projects will make for an efficient workflow and an optimized design.

-  **EOR for SWWRF centrifuge and monorail system**
-  **Long history of working with City staff and knowledge of City process**
-  **Thorough understanding of the design needed for these improvements**
-  **Staff with institutional knowledge to complete this project efficiently and cost effectively**

Meet the Team



Ashley Miele, P.E.
Project Manager

70%
AVAILABILITY

- ★ Project Manager for the SWWRF
- ★ Has over 19 years of experience on water and wastewater treatment projects within Southwest Florida
- ★ Will coordinate project resources and personnel to develop deliverables within the project timeline and can expertly navigate permitting, bidding, and project close-out



Seth Schmid, P.E.
Task Manager

70%
AVAILABILITY

- ★ Provided structural design for the centrifuge building at the SWWRF
- ★ Has 27 years of experience in structural, sanitary sewer, potable water, and stormwater engineering design
- ★ Experienced structural engineer responsible for the design of miscellaneous wastewater facility structures in Southwest Florida



Steve Romano, P.E.
Design Lead

60%
AVAILABILITY

- ★ Design Lead for the SWWRF including the centrifuge building
- ★ Has 24 years of experience in the wastewater industry and a thorough understanding of sludge drying process and regulatory requirements
- ★ Long, successful history of completing similar projects and closely coordinating with engineers and operators to determine project goals and develop the best solution



Madeline Kender, P.E.
Design Engineer

80%
AVAILABILITY

- ★ Design Engineer for the SWWRF
- ★ Will act as an extension of City staff, establishing open lines of communication with engineers, operators, and inspectors
- ★ Has extensive knowledge of City staff, permitting, and operations



Rocco Angerami
Field Staff

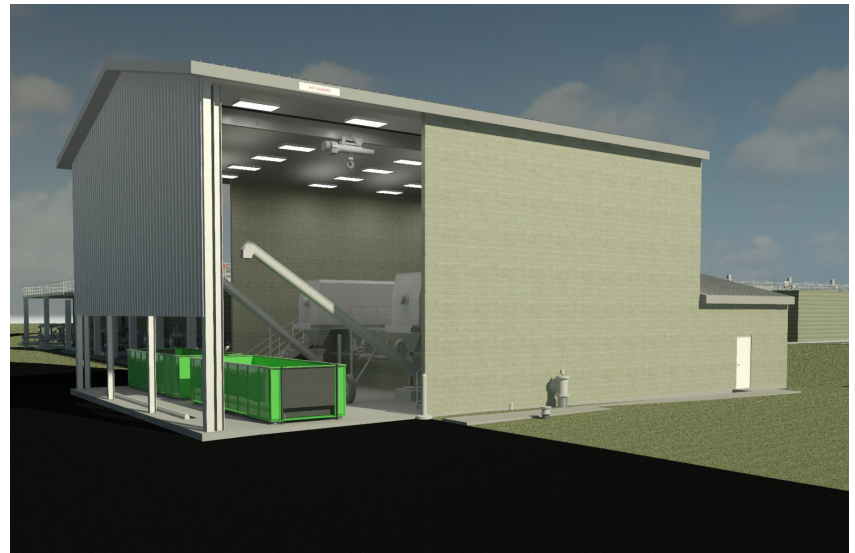
80%
AVAILABILITY

- ★ Provided field services for the SWWRF.
- ★ Has 25+ years of experience in construction industry and specifically inspection services
- ★ Lead for constructability review, including consideration of sequencing and staging

Our Approach

Our team understands the urgency of this project and is ready to immediately begin working with the City on the required elements needed to deliver this project with the most cost-effective and efficient approach. Our approach will include utilizing the SWWRF design plans and specifications to the greatest extent possible to assist with the preliminary design aspects of the project. Our team will meet with the City staff and operations team to discuss design aspects, materials, and construction methodologies to tailor the information to the site and the City's needs. Knowing the existing location of the centrifuge building on the Pan American WRF, we will want to discuss additional design concerns for this project with City staff as well, such as:

- ★ Sun exposure due to the existing building orientation
- ★ Flooding concerns and limiting drainage towards the creek
- ★ Maintaining access during construction for routine deliveries and plant personnel
- ★ Protecting existing centrifuge equipment
- ★ Any other operational or design concerns that may need to be considered



With the recent completion of design and construction of the monorail system within the SWWRF centrifuge building and the reverse osmosis building at the Southwest Water Treatment Plant (SWWTP) as well as the other various projects listed on the next page, our team can incorporate important lessons learned into our plans and specifications. These lessons learned will maximize efficiencies and cost savings that may include items such as optimizing the structural design, specifying select materials for construction, and having a thorough understanding of the trailers and delivery vehicles that will be using the facility.

Although only selected key members have been shown in this response, our team will provide a multidisciplinary approach including the involvement of our site civil team; our in-house mechanical, electrical, and plumbing (MEP); and instrumentation and integration services. Maintaining these services in-house maximizes efficiencies and productivity. This team of professionals will be able to cover any items identified in this scope of services and will tackle design challenges, should they arise. This team will also maximize efficiencies and productivity due to the knowledge and familiarity with the City's code requirements and permit review process. Our extensive experience will help streamline this process, allowing for a quick and effective internal review.

We understand the existing aluminum structure was destroyed with Hurricane Ian and there is a sense of urgency to restore and protect the existing facility. Working through our existing and future workload we have already dedicated and booked the team shown for this project in our production planning program to help ensure we can meet the needs within the time constraints provided. We feel our team is best suited and best equipped to provide these services to the City of North Port.

Reference Projects

Southwest Wastewater Reclamation Facility Centrifuge Building and Southwest Water Treatment Plant Reverse Osmosis Building

Brad Soule
Director of Land Development
Mattamy Corp.
brad.soule@mattamycorp.com
941.999.4822 x103

Our team prepared detailed construction plans and specifications for the construction of this 2.0-MGD wastewater facility, including headworks and screening, grit removal, MLE biological treatment, clarifiers, deep bed sand filters, disinfection, septage receiving, digestion and centrifuge drying facilities with a monorail system. The project also included a Class I industrial DIW for the future disposal of SWWWRF wet weather discharges. The facility is designed for future plant expansions up to 6.0 MGD ADF.

Babcock Ranch Water Treatment Plant Monorail System

Nate Mastroeni
Operations Manager (Utility Operations)
Kitson & Partners
nmastroeni@tcufl.com
941.235.6900

Kimley-Horn was selected to design the water treatment plant expansion from 1.0 MGD to 8.0 MGD in multiple phases to support the development growth. The design included a new, complete treatment plant to be constructed adjacent to the existing facility. To support the operations team's long-term maintenance, the design included a monorail system overhead of the high-pressure RO feed pumps. The monorail system and roof are tall enough to remove the pump and motor individually or both units attached. The motorized rail brings the pump units to an open space for a flatbed truck or maintenance vehicle for loading or extended service. At several hundred horsepower, the monorail system was suggested to be motorized by the design team to prevent the maintenance team's manually pulling the motor along the monorail system.

Palm Beach County Water Treatment Plant #2 Expansion Study

Pollop Phonpornwithoon, P.E.
Palm Beach County Water Utilities Department
Director of Operations
pphonpornwithoon@pbcwater.com
561.493.6247

Kimley-Horn was retained by Palm Beach County Water Utilities to perform an Expansion Study for the future addition of a membrane treatment plant expansion at Water Treatment Plant #2. The study considered the addition of an initial 10 MGD of membrane treatment capacity, while providing flexibility for the future membrane treatment, storage, and related facilities to an ultimate capacity of 25 MGD, and possibly 30 MGD buildout capacity. The study also included a *review of the treatment plant's monorail system to determine the proper rating of the system.*

Schedule

We understand this project is important to the City and there is a sense of urgency for these services. Although our schedule below matches the timeline proposed in the request for letters of interest, with our extensive institutional knowledge of this system and with the cooperation of the City, we feel we could provide a more aggressive schedule and quickly develop a 60% and final set of construction plans and specifications well within the duration shown below. This approach to the schedule will be further vetted with City staff during scope development.

**NOTICE TO PROCEED
PROJECT KICK-OFF**

We anticipate this project can be complete within the timeline presented below for a design duration of 23 weeks from the notice to proceed.



DISCLOSURE FORM FOR CONSULTANT/ENGINEER/ARCHITECT

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