

August 25, 2023

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

**RE: Request for Letters of Interest No. 2024-01;
 2024 Water Distribution System Improvements**

Dear Jennifer Fehrs, P.E. and Brittany Kammerer,

North Port Utilities (NPU) is continuing its annual water distribution system improvement program which includes seven individual water looping projects in Fiscal Year 24. This project directly benefits City residents through improved water quality, increased system pressures, and added fire protection. As a consultant contracted with the City under Contract 2020-58, Kimley-Horn would like to thank you for the opportunity to present our qualifications for professional engineering services to design, permit, and provide construction phase and certification services for the 2024 Water Distribution System Improvements project. We trust that NPU has experienced first-hand Kimley-Horn's reputation for exceptional client service. We are proposing a strong and diverse professional design team with significant experience in planning, design, and construction of residential water looping projects. Our team includes Madeline Kender, P.E. as your project manager who will be personally responsible for the timeliness and quality of professional services. Our understanding of the 2024 Water Distribution System Improvements and deliverables are as follows.



PROJECT UNDERSTANDING AND REQUIRED DELIVERABLES

Our team is extremely familiar with each of the looping locations and understands the required deliverables for this project will include:

- Kickoff meeting
- Data request list
- Attendance at progress meetings as needed, with meeting summaries
- Plans, specifications, and an Engineer's Opinion of Probable Cost at the 60%, 90%, and Final milestone deliverables
- Draft and final permit applications
- Bid tabulation and recommendation for contract award for construction
- Construction observation reports for site visits needed to certify water main improvements with FDEP
- Partial and final certifications for construction completion, submitted to FDEP with supporting bacteriological and pressure testing results
- Record drawings and AutoCAD drawings for incorporation into City's GIS

RELEVANT EXPERIENCE AND QUALIFICATIONS OF PERSONNEL



Madeline Kender, P.E.
Project Manager/Engineer of Record

60% AVAILABLE

Madeline has seven years of experience providing design, permitting, and construction phase services, specializing in water/wastewater engineering. Her specific project experience involves development of construction documents for water main extensions and replacements in residential areas and along major thoroughfares as well as permitting and construction phase services.



Ashley Miele, P.E.
Quality Assurance/Quality Control

45% AVAILABLE

Ashley has over 22 years of experience as project manager and engineer of record for various pipeline installations and rehabilitations. Ashley recently completed just over 23,000 LF of pipeline design and construction for the City of North Port and has extensive experience with the permitting process and technical specifications within the City.



Mike Bennett
Project Engineer

60% AVAILABLE

Mike is a project engineer that has been working with the local Sarasota office for over two years. He is well experienced with construction phase services and assists with document control and tracking submittals. Mike has been involved with various water distribution system projects including the Sarasota County Water Main Interconnect and the Honore Reclaim Water Main.



Seth Stone
CAD Designer

40% AVAILABLE

Seth has been working with the local Sarasota office for over two years and has extensive experience with plan and profile development for pipeline projects. Seth has great relationships with the local surveyors and has been instrumental with efficiently preparing construction documents. Seth is also well experienced with GIS and assists with exhibits and preliminary layouts.

IN-HOUSE EXPERTISE

Why choose Kimley-Horn

- Proximity to NPU
- Overlapping projects
- Design under one roof



50% AVAILABLE
Todd Hershfeld
Environmental Task Manager

- 18 years of experience
- Addressing environmental concerns and tree removal on the Blue Ridge-Salford North vacuum sewer project
- Conducts Threatened and Endangered (T&E) Species surveys
- Knowledge of County and State codes and regulations



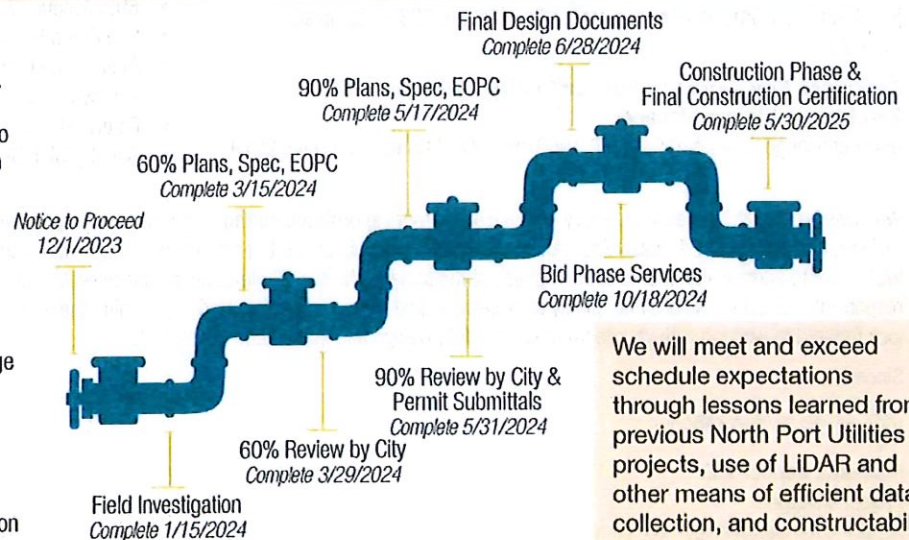
60% AVAILABLE
Ramon Diaz
Constructability and CEI Support

- 25 years of experience in design, and will conduct site visits to verify survey information and provide constructability reviews of drawings at project milestones
- Assists in pre-construction coordination, reviewing shop drawings and proposed construction schedules
- Onsite, upholds high expectations in construction for conformance with City standards

SCHEDULE

Our team will prepare one set of construction plans for the seven projects to reduce project schedule, permitting, fees and construction costs. With our teams experience on similar residential looping projects, we understand what is needed to complete this project efficiently. We know through lessons learned to include items such as:

- Collaborative process for tailoring technical specifications, easily tracking project-specific modifications for ease of City review
- Detailed bid forms
- Contract requirements for landscaping damage outside the right-of-way
- Construction staging and sequencing
- Sufficient communication and advance notifications to residents for interruptions to commutes
- Detailed temporary driveway access coordination
- Several other unique items that would typically get overlooked without residential experience



We will meet and exceed schedule expectations through lessons learned from previous North Port Utilities projects, use of LiDAR and other means of efficient data collection, and constructability reviews in design.

COST-SAVING MEASURES

FULL-SERVICE, IN-HOUSE CAPABILITIES

- No mark-up costs or additional time for communications between various companies and/or organizations
- In-house capabilities such as MOT, environmental services, landscape architecture, and surveying (LiDAR)

TECHNICAL EXPERTISE AND EXPERIENCE

- Kimley-Horn technical specialists available for project specific needs
- QA/QC and constructability reviews for both technical issues and client related priorities
- Prior experience successfully delivering on larger potable water conveyance projects for the City (Myakkahatchee, San Mateo, Warm Mineral Springs Utility Support)

ADVANCED TECHNOLOGIES

- Public Coordinate Tool (Proprietary) to enhance collaboration and streamline communication with the public and stakeholders
- Drone capabilities for aerial overviews and LiDAR for surveys

LEVERAGE LOCAL EXPERIENCE AND RELATIONSHIPS

- Local team in 100+ employee office in downtown Sarasota
- Existing relationships with local and state permitting agencies to help accelerate permitting schedules
- Proximity to sites reduces travel time
- Relationships with franchise utility owners and attendance on monthly Sunshine 811 coordination calls

PROJECT SPOTLIGHT

Emerald Harbor Utilities

Longboat Key, FL

Emerald Harbor consists of approximately 82 homes and is located on the northern end of Longboat Key. The development was constructed over 40 years ago and consists of aging infrastructure, including: seven lift stations, force main piping, gravity sewer system, water main, and water and sewer services. The roadway was resurfaced 15 years ago, but significant base deformation has occurred in some areas that has led to poor drainage. The Town of Longboat requested that Kimley-Horn prepare a scope of services to assist the Town with the replacement and rehabilitation of the infrastructure and roadway. **Ashley Miele, P.E.**, served as the project manager and **Madeline Kender, P.E.** oversaw development of design drawings and close-out procedures post-construction for Town acceptance.



The scope of services consisted of the rehabilitation of seven lift stations, force main piping, water main piping, and water and irrigation services. The roadway improvements consisted of milling and resurfacing all the roads within the development and three new roadway cross-sections to assist the development with problem areas of poor stabilization and drainage. Construction plans and technical specifications, as well as construction phase services were included. The project involved extensive coordination with the local utility department for future conduit placements, residents, the Town, and Construction Manager at Risk (CMAR).

REFERENCES

Sarasota County Peace River Interconnect and Potable Water Main

Ron Shaffalo, Utilities Design Manager, Capital Projects Dept.
rshaffalo@scgov.net; 941.254.3222 | Completion Date: Ongoing

Manatee County Force Main and Water Main End of Service Life Projects FY18

Jeff Streitmatter, Project Management Division Manager
jeff.streitmatter@mymanatee.org; 941.708.7450 ext. 7335 | Completion Date: 2019

Longboat Key Emerald Harbor Utility Replacement

Bert Warner, Utilities Manager
bwarner@longboatkey.org; 941.316.1988 ext. 2217 | Completion Date: 2019

RESIDENTIAL UTILITY EXPERIENCE

- Dixie Groves Water Main Replacement, Holiday FL
- Colonial Manor Water Main Replacement, Holiday, FL
- Orangewood/Buena Vista Water Main Replacement, Holiday, FL
- Lake Tarpon Water Main Replacement, Palm Harbor, FL
- Fairways of Capri Water Main Extensions, Venice, FL
- Venice MHP Water Service Line Replacement Phase 2, Venice, FL
- Colony Cove Water Main Replacement, Manatee County, FL
- 69th Avenue Water Main Loop, Manatee County, FL
- San Remo Shores Water Main Replacements, Manatee County, FL
- Anna Maria Island Northern and Southern Water Main Improvements, Manatee County, FL
- Emerald Harbor Utility Replacement, Longboat Key, FL
- Country Club Shores Phases 1-4, Longboat Key, FL

We envision a swift, successful delivery of these seven looping projects. Pulling in our partners to provide environmental assessments, constructability reviews, and our standard Quality Assurance and Control will help prevent construction changes and help ensure we're meeting permit requirements. We'll work to address comments at each phase of the project with the City to develop cost-effective solutions. As project manager, I will be personally responsible for the timeliness and quality of professional services. I am committed to providing the attention and dedication this project deserves and look forward to working with your team to successfully design and implement this project.

Sincerely,

Madeline Kender, P.E.
Project Manager
Madeline.Kender@kimley-horn.com