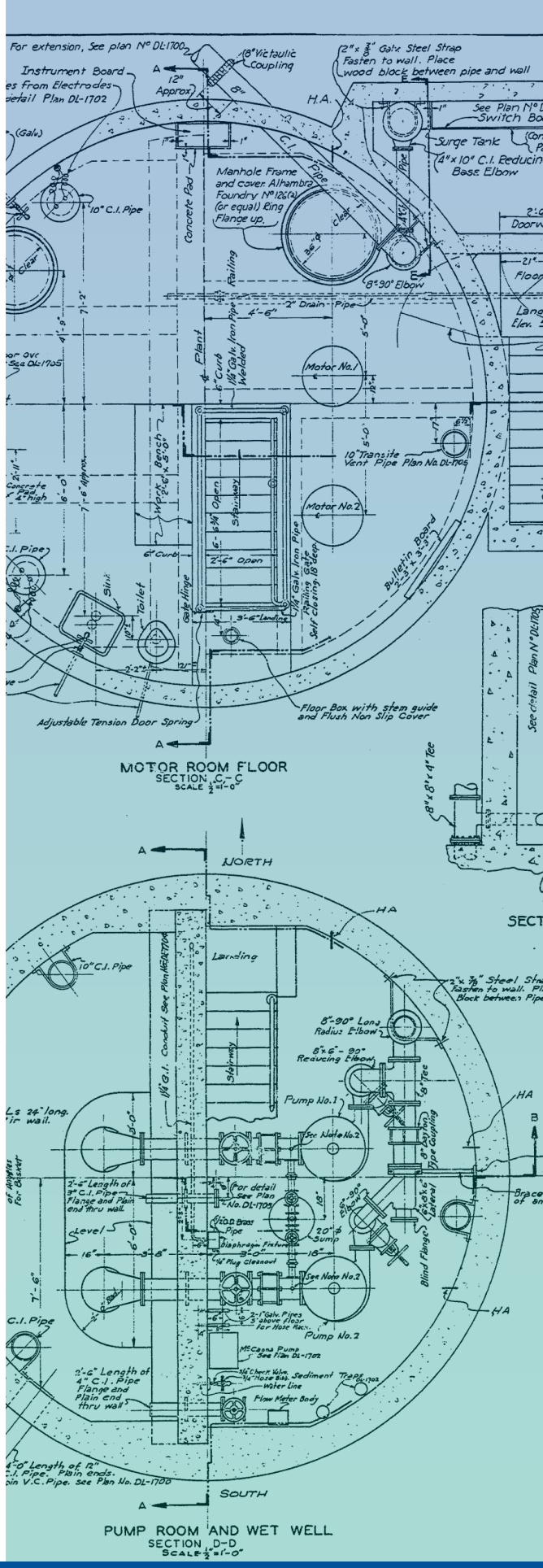
City of North Port

RFP No. 2020-58

Professional Engineering Services
Continuing Services Contracts
For
City of North Port Utilities Department

July 20, 2020

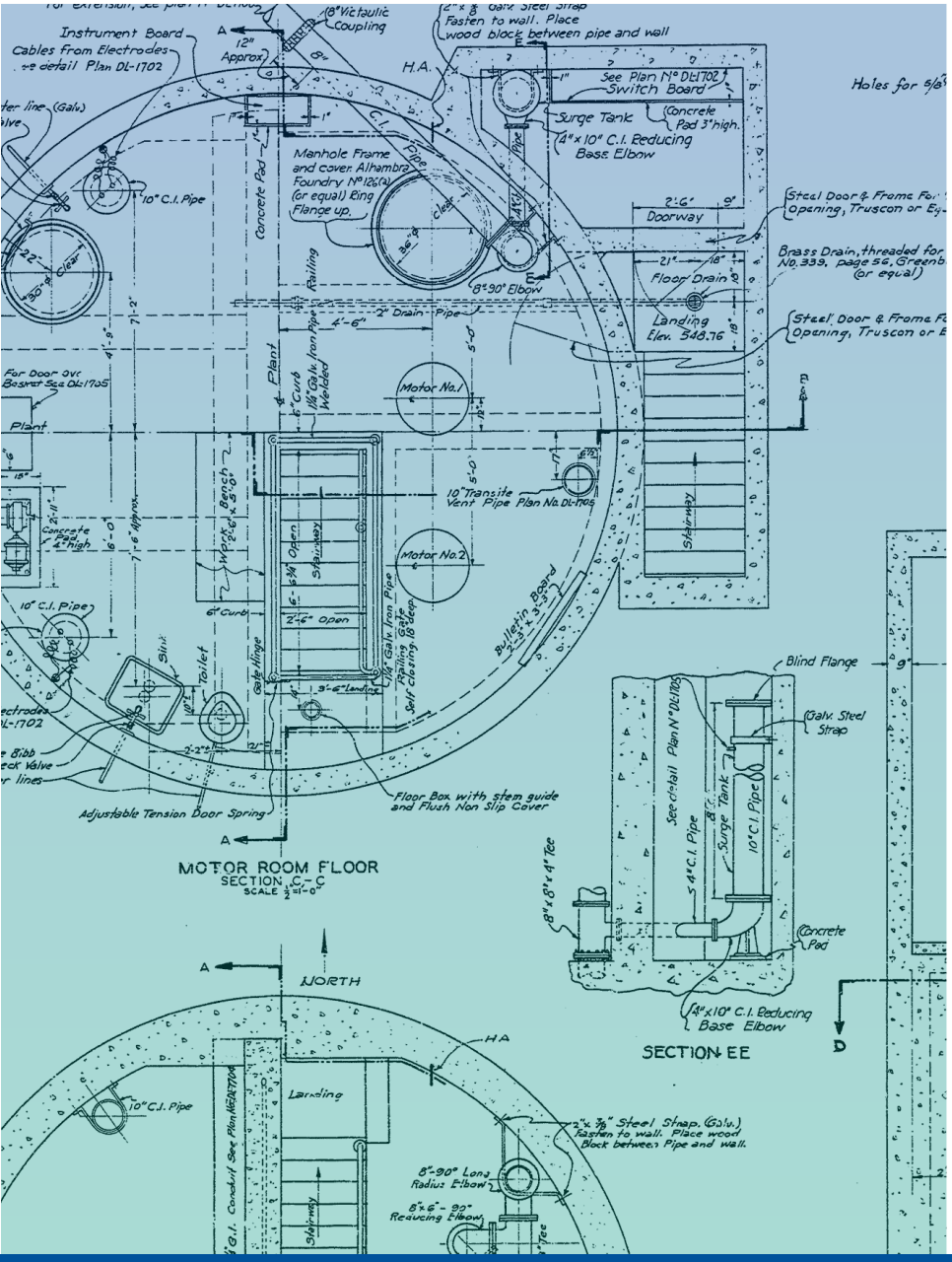


REISS ENGINEERING

RFP No. 2020-58

Professional Engineering Services
Continuing Services Contracts For City of North Port Utilities Department

July 20, 2020



Response to Request for Proposals

Firm: Reiss Engineering, Inc.
3507 East Frontage Road, Suite 180
Tampa, FL 33607

Contact: Allen Dethloff, PE
Program Director
Phone: (813) 549-0919
Mobile: (813) 494-1184
e. awdethloff@reisseng.com

REISS ENGINEERING

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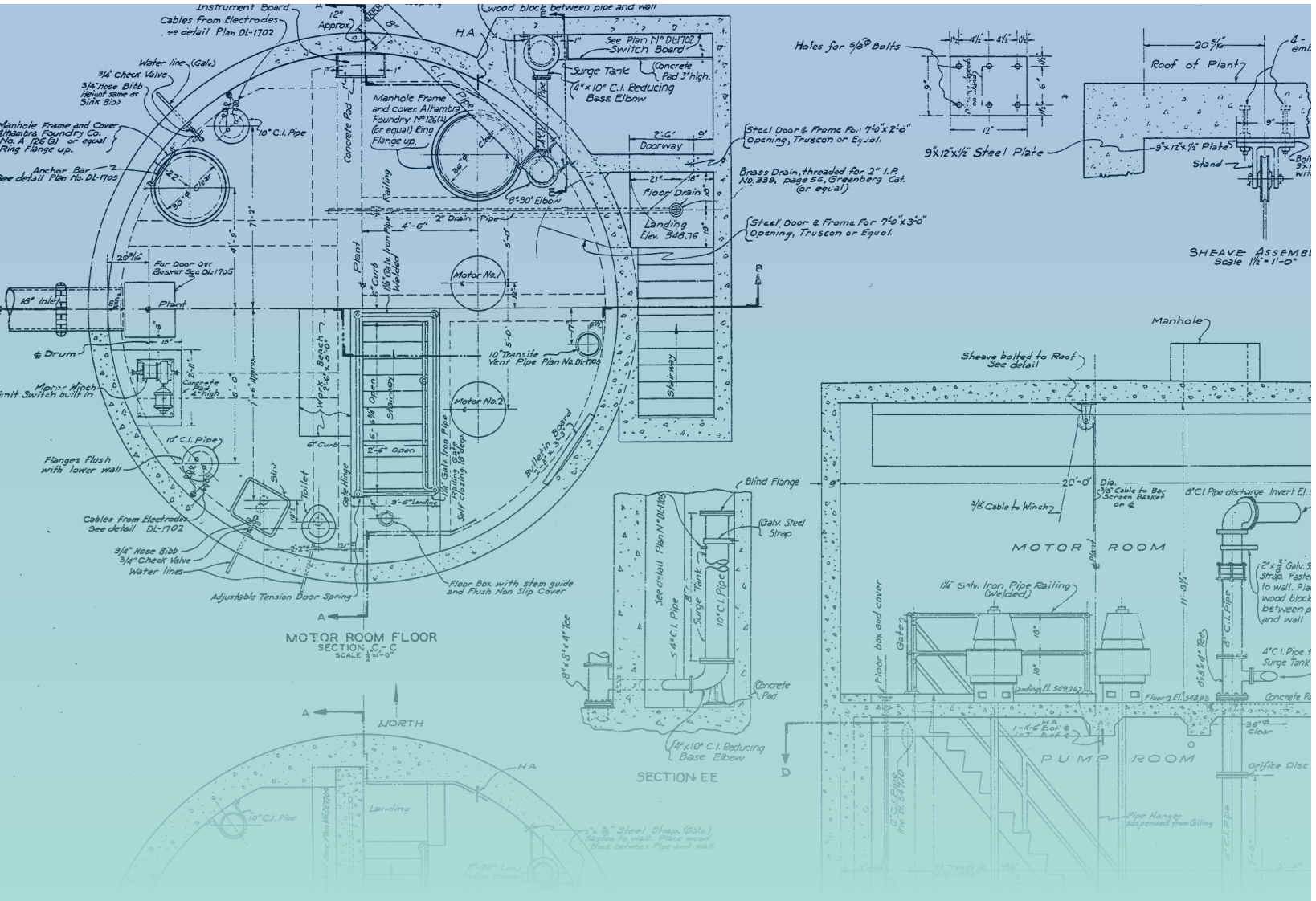

REISS ENGINEERING

RFP No. 2020-58

Professional Engineering Services
Continuing Services Contracts For
City of North Port Utilities Department

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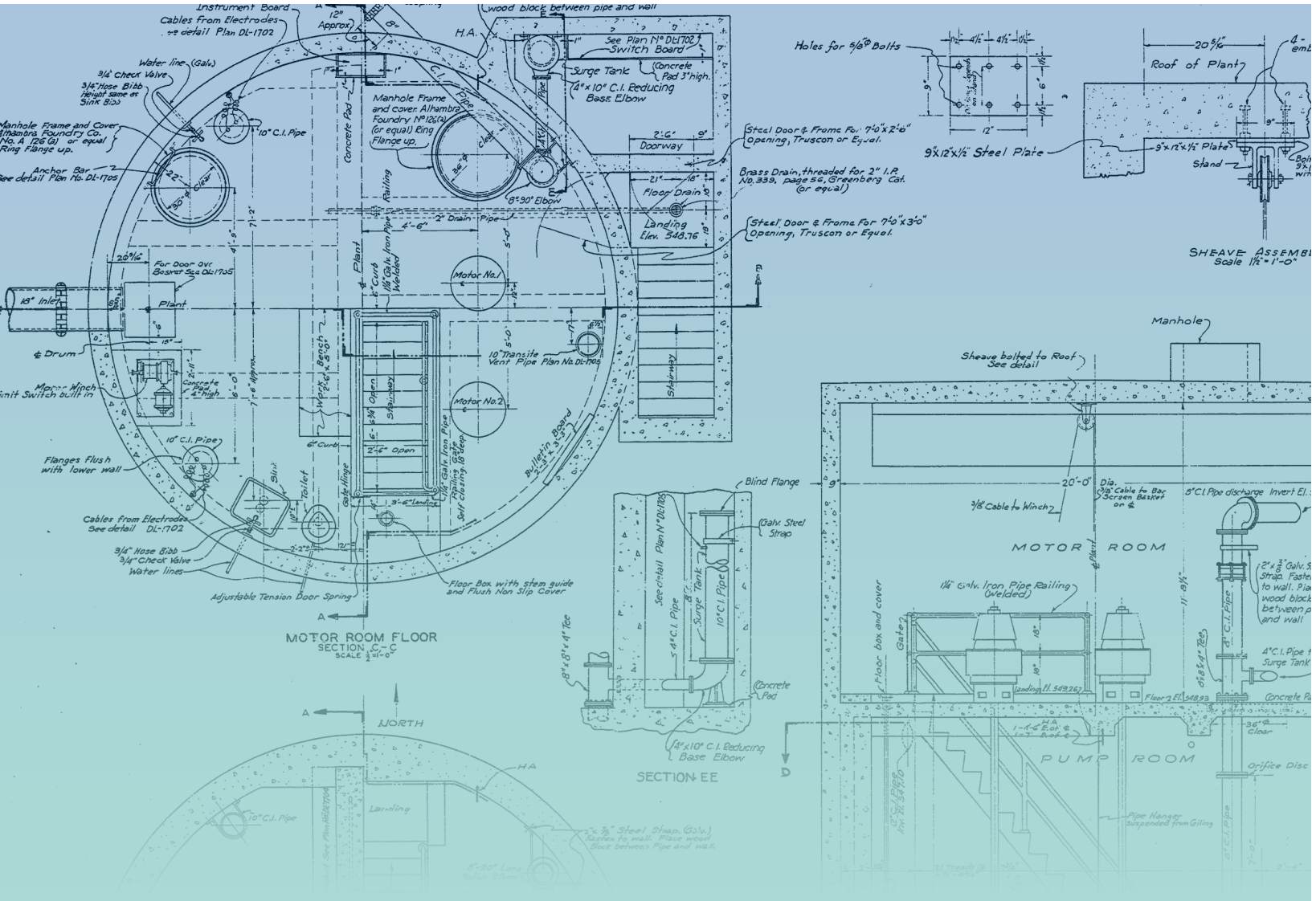
TAB 1

TRANSMITTAL LETTER



REISS ENGINEERING

REISS ENGINEERING
PLANNING · DESIGN · CONSTRUCTION

July 20, 2020

Finance Department/Purchasing Division
City of North Port
4970 City Hall Boulevard, Suite 337
North Port, Florida 34286

RE: RFP 2020-58 | PROFESSIONAL ENGINEERING SERVICES CONTINUING SERVICES CONTRACTS FOR CITY OF NORTH PORT UTILITIES DEPARTMENT
TAB A. TRANSMITTAL LETTER

Dear Selection Committee Members,

The City of North Port, founded in 1959, is the largest city in Sarasota County with a current population of approximately 70,000. It is one of the nation's fastest growing master-planned communities, with major growth now in the West Villages. Over the next five-years the utilities expect to focus upon rehabbing, replacing, and reinforcing the water distribution system along with reducing the infiltration/inflow (I/I) in the wastewater collection system. Currently the Myakkahatchee Creek Water Treatment Plant, which utilizes both conventional surface water treatment and reverse osmosis groundwater treatment, has sufficient capacity to meet demand; and the two MLE secondary wastewater treatment plants (the main WWRF and the SWWRF) have the capacity to meet the anticipated growth demand, which is indicative of a well-planned utility. During site visits to these assets, they appeared well maintained and operated.

BROAD-BASED CONTINUING UTILITIES EXPERIENCE. Reiss Engineering, Inc. (Reiss) has assembled a team of local professionals who have completed many planning, engineering, permitting, and construction administration projects along the west Florida coast. Reiss was founded by Dr. Robert Reiss in 1998 as a water, wastewater, and reclaimed water engineering boutique. We currently hold 41 continuing contracts with public agencies mostly along the I-4 corridor. We are staffed by 43 engineers and specialists, all focused on water and wastewater infrastructure projects. The team we have assembled for this contract is comprised of key individuals that are currently providing prompt, efficient, and effective solutions to other public agencies under similar contracts. As such, Reiss is presenting our qualifications to be considered for the following categories: **Category 1 – Water, Wastewater, and Reclaimed Water Treatment and Storage; Category 2 – Water, Wastewater, and Reclaimed Water Conveyance Systems; and Category 3 – Water, Wastewater, and Reclaimed Water Planning and Permitting.**

LOCAL LEADERSHIP AND RESPONSIVENESS. Our proposed program director, Mr. Allen Dethloff, PE, is located in our Tampa office, which will be the primary base of operations for this contract. Mr. Dethloff will serve as the City's primary point-of-contact for all assignments. He has 20 years of related utilities engineering experience, the vast majority of which have been spent delivering projects for clients along the west coast of Florida, including Tampa Bay Water; the cities of Clearwater, Largo, Saint Petersburg, and Tampa; along with Hillsborough County and Pinellas County. Barton Jones, also from our Tampa office, will serve the City as your client services manager. He brings 50-plus years of engineering experience to the City of North Port. While most of his career has been in consultancy, he has more than seven years of experience as a public sector Director of Utilities for Dubuque, Iowa, where he was responsible for both the wastewater and drinking water utilities with 24% of the capital improvement budget and 16% of the work force. He has also served as the assistant-chief engineer for the Spartanburg, South Carolina Waterworks. This experience provides the Reiss team with the Owner's perspective while providing solutions to the many challenges facing the utilities.

RECOGNIZED EXPERTISE IN HORIZONTAL AND VERTICAL UTILITY INFRASTRUCTURE. There are no projects too small or too large for the Reiss team. With respect to water transmission and distribution systems and wastewater pump stations and conveyance systems, we have designed and administered construction for hundreds of miles of

RE: RFP 2020-58 | PROFESSIONAL ENGINEERING SERVICES CONTINUING SERVICES CONTRACTS FOR CITY OF NORTH PORT UTILITIES DEPARTMENT

pipelines ranging in sizes from 2- to 54-inches in diameter utilizing open cut, horizontal directional drilling, and jack-and-bore construction techniques. We have designed a 216-Million Gallon per Day (mgd) wastewater influent pump station for Orange County Utilities that is currently under construction. With respect to water treatment facilities, we have extensive experience in both surface water treatment and membrane filtration and are well credentialed in water quality chemistry associated with blending multiple water sources. Our wastewater treatment expertise includes conventional MLE secondary facilities and advanced wastewater treatment facilities producing a 5-5-3-1 effluent. These examples demonstrate the breadth and depth of our collective expertise.

UNMATCHED FLORIDA HYDRAULIC AND WATER QUALITY MODELING AND UTILITIES MASTER PLANNING EXPERTISE. Identifying and prioritizing capital projects is critical to maintaining an appropriate level of service and an associated rate structure that fully supports the capital program. From high level CIP development to detailed evaluations of localized water quality impacts, our master planning and hydraulic modeling team, led by Mr. Edward Talton, PE, have unmatched expertise in Florida. Most importantly, Ed has led the team in the execution of numerous water and wastewater projects over the past 20-years to aid public utilities with their wastewater planning/design and potable and reclaimed water distribution system compliance strategies related to quantity and quality of water service, as well as strategies related to disinfection byproducts (DBP). Reiss currently serves the City of St. Petersburg as an on-call hydraulic modeling resource, utilizing our expertise to assess distribution system water quality issues and to develop a unidirectional flushing and pipeline renewal and replacement program that reduces water age and DBP formation.

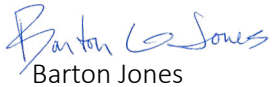
COMMITMENT TO DELIVERING ON-TIME AND ON-BUDGET. Our assembled team of professionals are not only extremely well qualified to successfully execute projects for NPU under this contract, but also have adequate availability to support the Utility on very short notice, as demonstrated in the accompanying Statement of Qualifications. Mr. Ed Gil de Rubio, Executive Director of the South Seminole & North Orange County Wastewater Transmission Authority recently stated:

> *"Reiss has continually met schedule and budget commitments while delivering the quality results they have promised…Reiss is a quality service provider that has a team/common sense approach to resolving issues."*

This proposal is made without any collusion with any other person or entity submitting a proposal pursuant to this RFP.

Sincerely,
REISS ENGINEERING, INC.

Allen Dethloff, PE
Program Director/Vice President

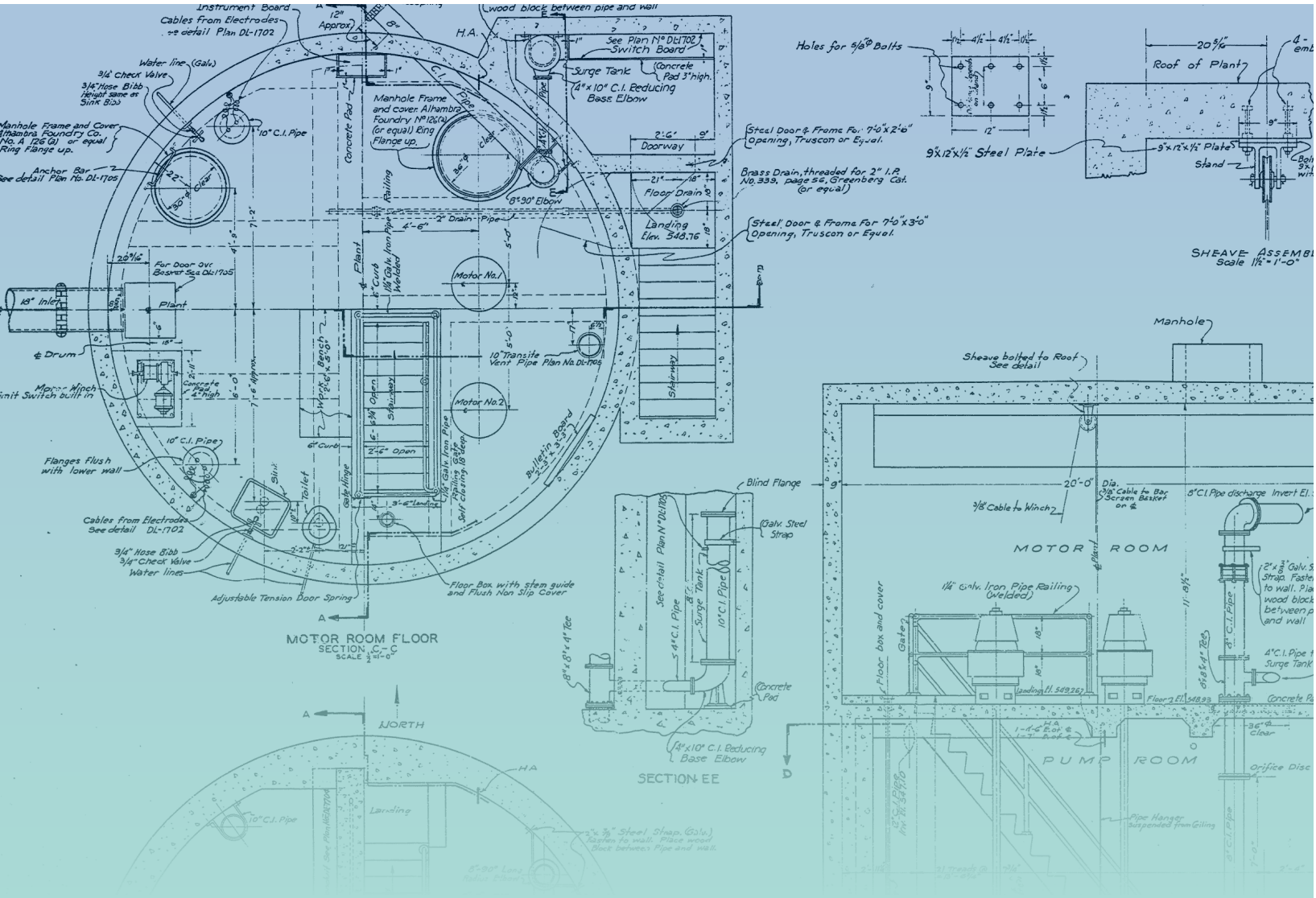


Barton Jones
Client Manager

TAB 2

QUALIFICATIONS OF THE FIRM

- Overview of Firm History and Organization
- Address and Contact
- License
- SF 330 Sections A- C
- SF 330 Part IIs



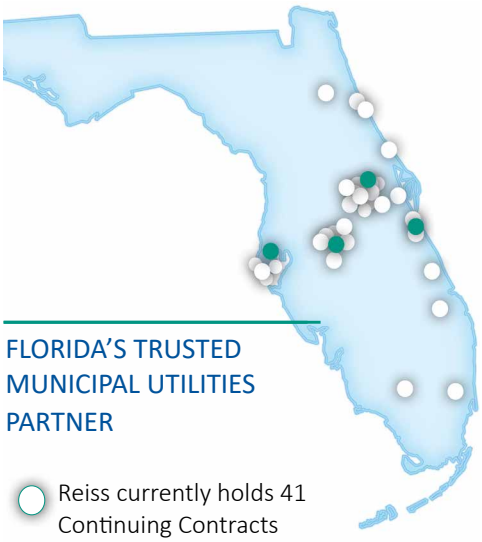
TAB 2. QUALIFICATIONS OF FIRM

2.1 COMPOSITION, ORGANIZATION, AND MANAGEMENT OF TEAM

ORGANIZATION

Reiss Engineering, Inc. (Reiss) has prepared a team and approach that puts forth the best institutional knowledge and world-class planning, design, and construction management services expertise.

Since our inception in 1998, Reiss prides itself on being a client-service oriented firm specializing in water, wastewater, and reclaimed water services that align with the needs of the City of North Port. As a firm focused on providing solely water and wastewater engineering services for local governments like North Port, Reiss has built a statewide client base by providing an unmatched quality of service. Reiss is currently under contract with 41 municipal utilities throughout Florida and we have found the key to successfully managing these task-oriented contracts is to have one primary point-of-contact responsible for the assignment of personnel and resources based on their specific skills and knowledge. As a full-service utility engineering firm with a team of professionals who are industry leaders in their respective areas of expertise, Reiss provides clients a functional organizational structure of disciplines with the specialized skills for each task assigned.



FLORIDA'S TRUSTED MUNICIPAL UTILITIES PARTNER

- Reiss currently holds 41 Continuing Contracts
- Reiss Engineering offices

Clients appreciate that Reiss' operating philosophy is flexible such that their needs, as well as market opportunities, can be addressed rapidly and successfully. Reiss has the technical depth and capability of a large national engineering firm, while retaining the "small company" virtues of attentive customer service and responsiveness.

CATEGORY 1 - WATER, WASTEWATER, AND RECLAIMED WATER TREATMENT AND STORAGE SYSTEMS.

Because the population is growing rapidly, Reiss will bring a fresh perspective for serving North Port's needs and will partner with your staff to execute as-needed services and specific projects within the capital improvement program in a timely and cost-efficient manner. We pride ourselves on developing close working partnerships with utility engineering and operations staff to deliver value-added services our clients need to execute their projects.

Reiss understands that the professional services required by the City will vary in scope and complexity, and we recognize the challenges faced with respect to the simultaneous management of multiple design and construction efforts. We have extensive experience in water, wastewater, and reclaimed water treatment and storage facility design and construction management and are staffed to handle projects of any scale. Reiss, within the past five years, has provided design services for the City of Vero Beach's Reverse Osmosis Water Treatment Plant Expansion; Orange County Utilities' East Service Area Potable Water and Reclaimed Water Storage and Repump Facility; and the City of Eustis' Eastern Wastewater Treatment Plant Expansion.

We have also performed many individual unit process improvements at client water and wastewater reclamation facilities under numerous continuing service contracts we hold. Our basic approach to facility design utilizes advanced techniques such as unit process modeling and 3-D modeling to identify potential difficulties early in the design process, allowing for revisions or adjustments to be made before schedule and/or budget issues arise.

Reiss is well known throughout the State of Florida for its water quality expertise and creativity in the application of advanced treatment technologies for potable water, wastewater, and reclaimed water. These capabilities are quite rare to find in a 40-plus person firm, making Reiss an exceptional value for both large complex projects and routine continuing task authorizations. Because of this, the City will receive the engineering expertise of a large national firm but with a small firm efficiency.

This related experience will prove to be beneficial to the City under this contract for the maintenance and rehabilitation for your water and wastewater treatment facilities.

CATEGORY 2 - WATER, WASTEWATER, AND RECLAIMED WATER CONVEYANCE SYSTEMS.

The Reiss team is standing by with a large staff of design engineers contributing over a century of combined experience. Reiss staff has designed such infrastructure for water and wastewater systems throughout the state of Florida through continuing contracts mirroring this contract for the City. With a team of utility infrastructure design professionals that possess a wealth of design experience in similar projects, we can comfortably provide the expertise and staff support required to complete any such pipeline, pump station or booster station designs for the City.

Reiss completed the design and construction services of the State Road 17 Utility Rehabilitation and Relocation effort for the City of Haines City. That project was completed

efficiently and effectively with an aggressive design schedule and facilitated through our FDOT JPA.

Water, wastewater, and reclaimed water conveyance system planning, design, permitting, construction administration, and operations are mainstays of Reiss' business through the 41 continuing contracts that we currently hold. For the South Seminole and North Orange County Wastewater Transmission Authority, Reiss serves as the utility operations staff because the Authority is a consortium of multiple utilities. We act as first responders and public notice providers in the event of emergencies, such as pump station failures. As such, we fully understand what it means to serve as an extension of your staff for conveyance system issues. With respect to potable water, many utilities throughout Florida have been wrestling with compliance for the Stage 2 Disinfection and Disinfection By-products Rule. Reiss has become recognized as a leader in helping utilities address their distribution system water quality issues utilizing our hydraulic and water quality modeling and unidirectional flushing system design expertise.

CATEGORY 3 - WATER, WASTEWATER, AND RECLAIMED WATER PLANNING.

Until recently, water, wastewater, reclaimed water and stormwater systems were viewed as essentially independent utilities that could be planned and developed separately. However, it is now widely understood that Florida's continued population growth and commensurate demand for public and non-public uses of its water resources require an integrated planning approach to ensure adequate and sustainable supply for the future. Many Florida utilities have recognized the need for development of alternatives to continued withdrawal of Florida's previously plentiful fresh groundwater to meet increasing demands. Conservation, reuse of highly treated reclaimed wastewater and development of surface water sources for public supply are now commonly deployed in an integrated water resource strategy. Integration of the City's wastewater and reclaimed water facilities planning with the region's long-term water supply development needs require expertise in the three categories of planning, treatment, and conveyance. Reiss has this broad range of expertise and proven related experiences in all three categories for all three waters.

Reiss has extensive experience and a proven approach to successful utilities planning for water, wastewater, and reclaimed water systems individually and collectively. Reiss has provided water and wastewater master planning and hydraulic modeling services for Melbourne for more than 12-years; growth planning, master planning and hydraulic modeling for the City of Tampa for 14-years; hydraulic modeling and water quality improvements for the City of St. Petersburg over the past 20-years; hydraulic and water quality modeling for the City of Clearwater for 11-years; and wastewater and reclaimed water master planning and water quality improvements for Seminole County for the last 20-years. Our approach is scalable to our client's needs, time lines, and budget.

As one of the industry leaders in utility master planning and real-time dynamic modeling, we can also provide the City with the ability to examine the impact of each proposed project on the entire utility system, or explore and identify design options prior to the initiation of final design. Reiss is well known and respected for its hydraulic modeling experience, a key element of the utilities master planning process. This expertise led to Reiss being selected by the Central Florida Water Cooperative (St. Cloud, Toho Water Authority, Orange County, Polk County and Reedy Creek Improvement District) to develop the Cypress Lake Potable Water Transmission, Optimization, and Interconnection Analysis & Conceptual Design.

Reiss differentiates itself from other utility master planners by providing detailed extended period simulations for dynamic hydraulic modeling, water quality modeling, and unidirectional flushing modeling and program design services in addition to the traditional growth projection, facilities condition and regulatory assessment that characterize many utility master plans.

PERMITTING

Reiss brings a long history of providing support for water and wastewater permit applications, renewals, and compliance consulting to numerous Florida municipalities. As the permitting engineer for several recent pipelines, pump stations, wastewater treatment and water treatment facilities, Reiss is well-versed in the current permitting requirements for utility improvement projects. Our experts have prepared, submitted and secured numerous water and wastewater permits through local Florida Health Departments and the FDEP, as well as stormwater WUP and other related permits through the water management districts. Reiss also has valuable experience permitting a reclaimed water aquifer storage and recovery (ASR) well through the FDEP WC and domestic waste.

CONDITION ASSESSMENT STUDIES

In conjunction with many master planning, hydraulic modeling, and infrastructure projects, Reiss is often tasked with preparing condition assessment studies to determine the ability of the existing infrastructure to meet a community's needs and to continue to provide safe and reliable service. As part of our wastewater system master plan update for the City of Melbourne, we updated the assessment of the City's needs and developed a CIP and schedule to implement the identified expansion, repair, replacement, and maintenance projects. Reiss focused on meeting the required level of service in the most economical manner and prioritized projects to align with the City's budget, and we will do the same for North Port.

GIS SUPPORT SERVICES

Reiss is fully capable of assisting clients in the implementation and utilization of GIS systems to improve efficiency and manage utility programs. Our team includes experts in the GIS field, supported by knowledgeable staff with direct experience in applying GIS technology to real-world utility projects. From general asset management services for Orange County to specific hydraulic modeling integration applications for the City of Melbourne's UDF program, Reiss' staff has successfully met challenges of GIS implementation issues and developed tools that help clients manage complex systems.

ADDITIONAL SERVICES

ALTERNATIVE WATER SUPPLY

Reiss has current and relevant experience related to potable water supply planning and design. Reiss develops a matrix of supplemental water supply alternatives, and a comprehensive, concise plan for the adequate and sustainable provision of water supply over the course of the planning period to the client at the completion of each water supply plan. Reiss successfully developed a County-wide Water Supply Plan for Polk County, in which the process of exploring supplemental water supplies was extremely beneficial for the 17 Polk County municipalities and six individual county service areas. An alternative water supply project from this plan includes the permitting, design, and construction of the reported world's deepest ASR well.

GRANTS/FUNDING

Reiss offers a track record of successfully providing support and funding assistance to our clients in a variety of areas. Over the past five years, Reiss has supported municipal clients in applying for and obtaining more than $120 million in grants and low-interest loans. We have completed funding assistance efforts for municipalities in Florida and surrounding states, including serving as the stormwater firm and grants manager for four FDEP funded stormwater projects for the City of Winter Park, assisting the City of Eustis in obtaining FY2016 cost-share funding from the SJRWMD for their Eastern WWTP expansion project, providing bond assistance for the City of Port St. Lucie's $185 million bond issuance, and assisting the City of Melbourne in obtaining SJRWMD and SRF loan funding.

With ever-tightening CIP budget constraints, the City may elect to pursue funding and will be well served by Reiss' ability to locate and pursue viable opportunities, including the SRF program, water management, and FDEP cost-share funding.

ASSET MANAGEMENT

Asset management helps utilities like the City maintain infrastructure by tracking assets in organized databases and by using software to monitor asset condition, performance, and reliability. With an aging infrastructure, the City needs to make strategic decisions regarding the repair and replacement of system components while continuing to provide customers with a high level of service.

Reiss is skilled in designing, implementing, and managing robust asset management systems that proactively identify, prioritize, and schedule asset repair and replacement. We recently assisted the City of Apopka with a Wastewater Asset Management Plan to meet FDEP SRF program requirements. The plan included asset inventory, condition assessment, and renewal and replacement prioritization. With Reiss' assistance, the City was able to reduce the loan interest rate and save more than $20 million in debt service costs compared to revenue bond financing.

HYDROGEOLOGIC SERVICES

Water Resource Studies and Evaluations: Hydrogeologic studies and evaluations; aquifer performance test development, implementation, and evaluation; stormwater and surface water flow and yield evaluations; lake water budget analyses; and groundwater and surface water environmental monitoring program development and analyses.

Modeling: Regional and local scale, numerical, analytical, and groundwater flow modeling; surface water yield modeling; analytical stormwater/ surface water modeling; and continuous simulation (water balance) modeling for reclaimed water systems, water systems, and conjunctive use analyses.

Planning: Water, wastewater, non-potable water, alternative water supply, and integrated water resource planning, including conceptual plans, master plans, and detailed utility plans; development of population, demand, and flow projections; detailed evaluation of reclaimed water systems; assessment of alternative water supplies; evaluation of conservation programs; and conjunctive use planning.

Permitting: CUP permitting, wastewater operational permitting for wastewater and reclaimed water systems; environmental resource permitting; and permit compliance, including the implementation of permit-required monitoring plans and evaluation of compliance data.

Design: Conceptual layout of water and reclaimed water facilities; preliminary design of wells, intakes, pipelines, aquifer recharge, and other reclaimed water facilities; final design of withdrawal, ASR, and injection wells, pipelines, rapid infiltration basins (RIBs), treatment wetlands, lake augmentation facilities, and stormwater management systems. In order to provide services in these areas, PWS routinely utilizes GIS and groundwater flow modeling software along with a variety of other modeling and statistical analysis software packages. These powerful analysis tools, when accompanied by clear and concise explanation, help form the backbone of tailored water resources solutions.

2.2 BUSINESS STRUCTURE

Reiss Engineering, Inc. was founded in 1998 in the State of Florida. Reiss is a Florida Corporation.

2.3 ADDRESS AND CONTACT PERSON

Reiss' primary office to provide services to the City is located in Tampa. Mr. Bart Jones will serve as your client manager to ensure your needs are met. Mr. Allen Dethloff, PE, will be the responsible officer-in-charge for all task orders assigned under this contract.

3507 East Frontage Road, Suite 180
Tampa, FL 33607
Phone: (813) 549-0919
Fax: (877) 349-7146

Email: awdethloff@reisseng.com
Website: reisseng.com

2.4 FIRM SIZE

Reiss is a multi-disciplined firm focused solely on water, wastewater, and reclaimed water professional services here in Florida. We have four offices stretching across the state. Reiss currently holds similar utilities contracts for 41 Florida municipalities and our central locations, Tampa, Winter Haven, Orlando area, and Melbourne enable our team to services clients such as North Port throughout the state.

Reiss has 45 professional staff members, rivaling larger firms, with "branch offices" that rely on non-local staff to complete utility projects.

2.5 LICENSES

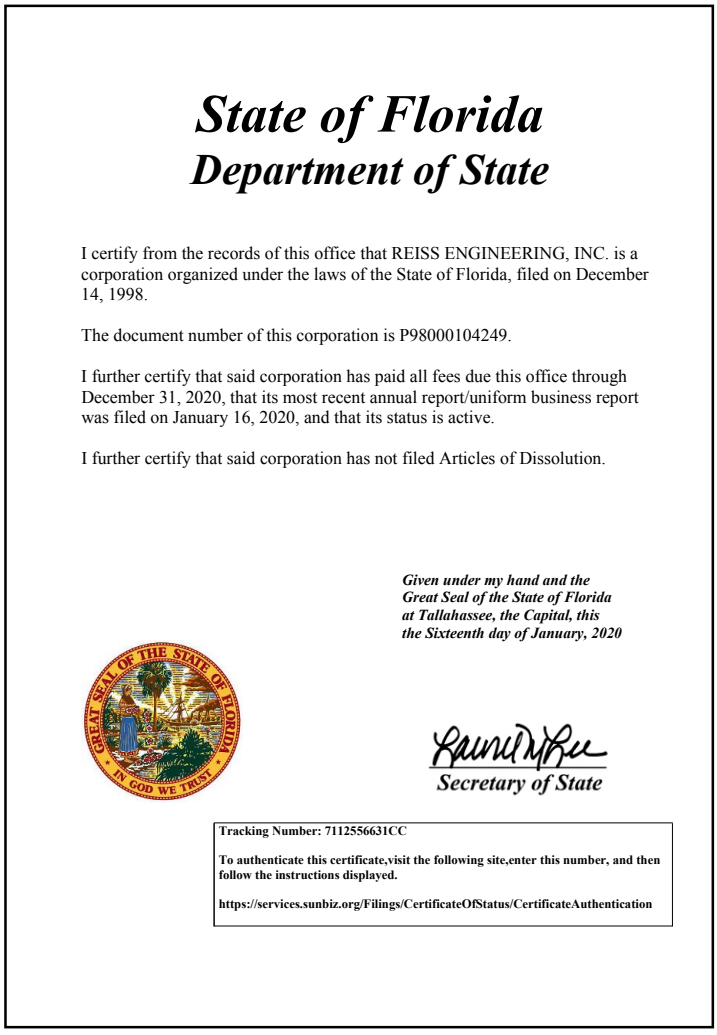
We have included copies of our project team's pertinent licenses and certifications on the following page.

2.6 SF 330 PART II

As required by the City's request for proposal (RFP) we have included SF330 Part I A-C and SF330 Part II for our firm and team partners on the following pages.

2.7 SUB-CONSULTANTS

In addition to the vast resources Reiss offers, we have added specialized sub-consultants to our team to supplement our services. Our comprehensive team brings a strong history of working together on utility-related projects. Our team includes EMI Consulting Services, Inc. for electrical and instrumentation services, Wekiva Engineering, LLC, for structural engineering, Tierra Consultants, Inc., for geotechnical engineering, Earth Resources for environmental services, ECHO UES, Inc., for surveying and subsurface utility engineering (SUE) services, and Progressive Water Resources for hydrogeology.



State of Florida
Department of State

I certify from the records of this office that REISS ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on December 14, 1998.

The document number of this corporation is P98000104249.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 16, 2020, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

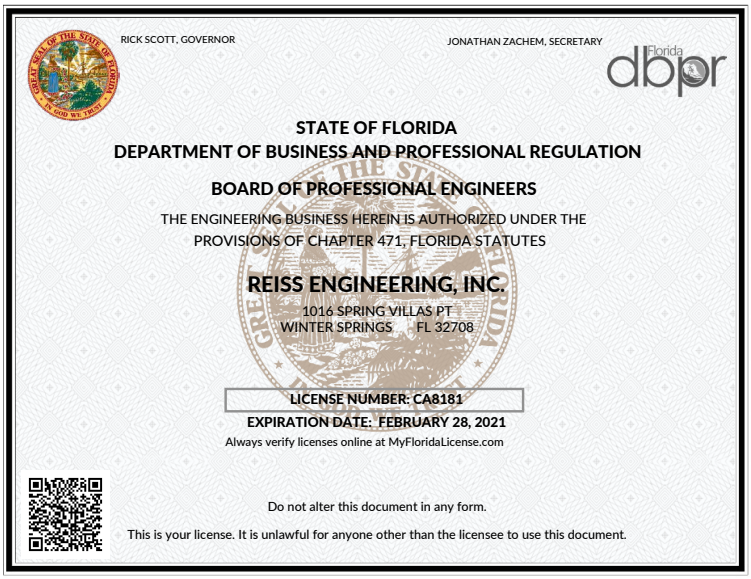
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixteenth day of January, 2020

Secretary of State

Tracking Number: 7112556631CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

REISS ENGINEERING, INC.
1016 SPRING VILLAS PT
WINTER SPRINGS FL 32708

LICENSE NUMBER: CA8181
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

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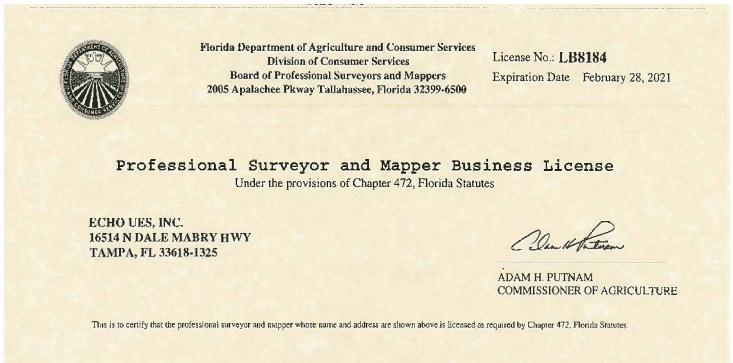


Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

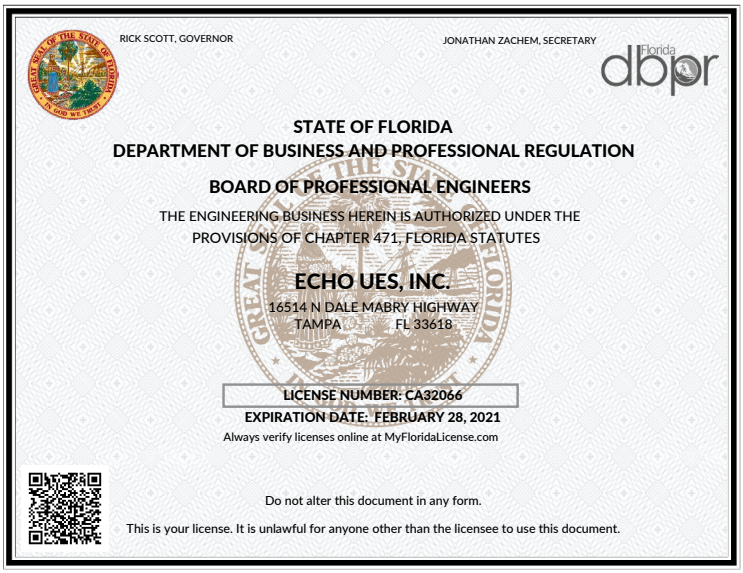
License No.: LB8184
Expiration Date February 28, 2021

Professional Surveyor and Mapper Business License
Under the provisions of Chapter 472, Florida Statutes

ECHO UES, INC.
16514 N DALE MABRY HWY
TAMPA, FL 33618-1325

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ECHO UES, INC.
16514 N DALE MABRY HIGHWAY
TAMPA FL 33618

LICENSE NUMBER: CA32066
EXPIRATION DATE: FEBRUARY 28, 2021
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Ron DeSantis, Governor

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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EMI CONSULTING SPECIALTIES, INC.
5742 RIVER BED RD
GROVELAND FL 34736

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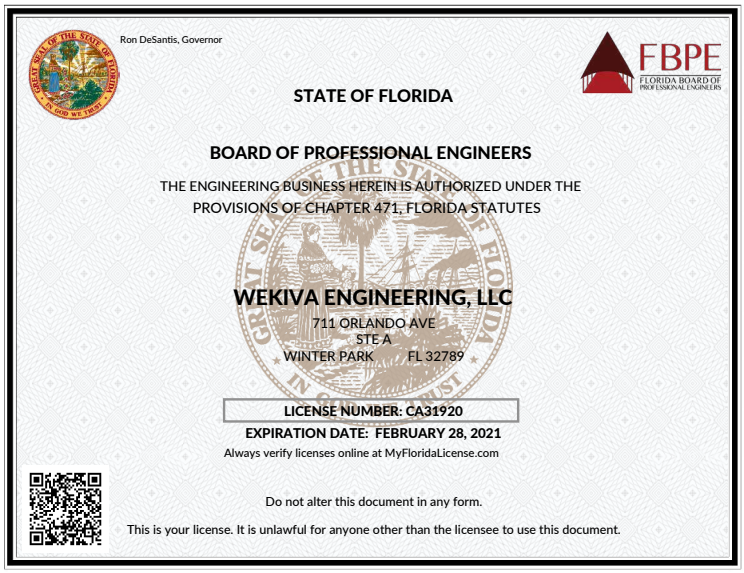

Ron DeSantis, Governor

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WEKIVA ENGINEERING, LLC
711 ORLANDO AVE
STE A
WINTER PARK FL 32789

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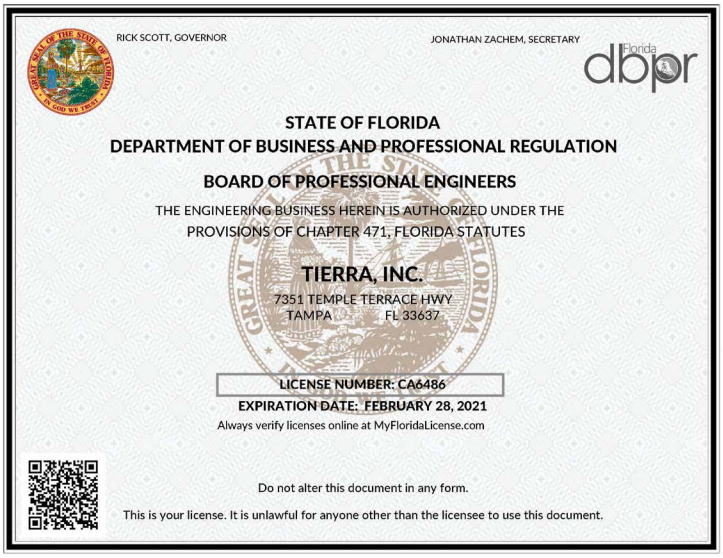

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TIERRA, INC.
7351 TEMPLE TERRACE HWY
TAMPA FL 33637

LICENSE NUMBER: CA6486
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

PROGRESSIVE WATER RESOURCES, LLC
6561 PALMER PARK CIRCLE, SUITE D
SARASOTA FL 34238

LICENSE NUMBER: GB571
EXPIRATION DATE: JULY 31, 2020
Always verify licenses online at MyFloridaLicense.com

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Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

PROGRESSIVE WATER RESOURCES, LLC
6561 PALMER PARK CIRCLE, SUITE D
SARASOTA FL 34238

LICENSE NUMBER: CA27717
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

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ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

Professional Engineering Services - Continuing Services Contracts for the City of North Port Utilities, FL

2. PUBLIC NOTICE DATE	3. SOLICITATION OR PROJECT NUMBER
June 17, 2020	RFP No. 2020-58

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Allen Dethloff, PE—Program Director

5. NAME OF FIRM

Reiss Engineering, Inc.

6. TELEPHONE NUMBER	7. FAX NUMBER	8. EMAIL ADDRESS
(813) 549-0919	(877) 349-7146	awdethloff@reisseng.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	(Check) PRIME	(Check) JV PARTNER	(Check) SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	☒	☐	☐	**Reiss Engineering, Inc.** ☒ CHECK IF BRANCH OFFICE	3507 East Frontage Road, Suite 180 Tampa, FL 33607	Prime: Engineer-of-Record, Planning, Permitting, Design, Bidding, Construction Administration
b.	☒	☐	☐	**Reiss Engineering, Inc.** ☐ CHECK IF BRANCH OFFICE	1016 Spring Villas Pt. Winter Springs, FL 32708	Engineering, Planning, and Permitting Support Services
c.	☐	☐	☒	**EMI Consulting Specialties, Inc.** ☐ CHECK IF BRANCH OFFICE	5742 River Bed Road Groveland, FL 34736	Electrical/Instrumentation and Controls Engineering
d.	☐	☐	☒	**Wekiva Engineering, LLC** ☐ CHECK IF BRANCH OFFICE	711 N. Orange Avenue, Suite A Winter Park, FL 32789	Structural Engineering
e.	☐	☐	☒	**Tierra Consultants, Inc.** ☐ CHECK IF BRANCH OFFICE	7351 Temple Terrace Highway Tampa, FL 33637	Geotechnical Engineering
f.	☐	☐	☒	**Earth Resources, Inc.** ☐ CHECK IF BRANCH OFFICE	3411 West Dorchester Street Tampa, FL 33611	Environmental Services
g.	☐	☐	☒	**ECHO UES, Inc.** ☐ CHECK IF BRANCH OFFICE	4803 George Road, Suite 350 Tampa, FL 33634	Surveying, Mapping, and Subsurface Utility Engineering (SUE)
h.	☐	☐	☒	**Progressive Water Resources, LLC** ☒ CHECK IF BRANCH OFFICE	6561 Palmer Park Circle, Suite D Sarasota, FL 34238	Geology/Hydrogeology

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFQ No. 2020-58

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME: Reiss Engineering, Inc.		3. YEAR ESTABLISHED: 1998	4. DUNS NUMBER: 09-5869405
2b. STREET: 3507 East Frontage Rd Suite 180		5. OWNERSHIP a. TYPE: Corporation	
2c. CITY: Tampa	2d. STATE: FL	2e. ZIP CODE: 33607	b. SMALL BUSINESS STATUS: NAICS 541330
6a. POINT OF CONTACT NAME AND TITLE: Allen Dethloff, PE, Vice President			7. NAME OF FIRM *(If block 2a is a branch office)*
6a. TELEPHONE NUMBER: (813) 549-0919	6c. E-MAIL ADDRESS: marketing@reisseng.com		
8a. FORMER FIRM NAME(S) *(If any)*: Reiss Environmental, Inc.		8b. YR. ESTABLISHED: 1998	8c. DUNS NUMBER: 09-5869405

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	10	
08	CADD Technician	2	
10	Chemical Engineer	2	
12	Civil Engineers	8	3
15	Construction Inspector		
16	Construction Manager	2	
23	Environmental Engineer	14	3
32	Hydraulic [Modeling] Engineer	1	
42	Mechanical Engineer		
48	Project Manager	6	2
52	Sanitary Engineers		
	Total	45	8

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
D03	Desalination (Proc & Facilities)	3
C04	Chemical Processing & Storage	3
C15	Construction Management	4
D04	D/B – Preparation of RFPs	1
G04	GIS Services: Development, Analysis, Data Collection	2
P05	Planning (Comm, Reg, Area, Distribution)	5
P06	Planning (Site, Installation, Project)	4
P07	Plumbing and Pipe Design	5
S04	Sewage Collection, Treatment, Disposal	5
S13	Stormwater Handling & Facilities	2
W02	Water Resources: Hydro, GW	2
W03	Water Supply: Treatment & Distribution	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	0
b. Non-Federal Work	7
c. Total Work	7

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: Allen Dethloff

b. DATE: July 20, 2020

c. NAME AND TITLE: Allen Dethloff, PE—Vice President

AUTHORIZED FOR LOCAL REPRODUCTION **STANDARD FORM 330** (8/2016)

ARCHITECT – ENGINEER QUALIFICATIONS

2. SOLICITATION NUMBER *(If any)*: RFQ No. 2020-58

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Reiss Engineering, Inc.			3. YEAR ESTABLISHED 1998	5. DUNS NUMBER 09-5869405
2b. STREET 1016 Spring Villas Point			5. OWNERSHIP a. TYPE	
2c. CITY Winter Springs	2d. STATE FL	2e. ZIP CODE 32708	Corporation b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE Allen Dethloff, PE, Vice President			NAICS 541330 7. NAME OF FIRM *(If block 2a is a branch office)*	
6a. TELEPHONE NUMBER (407) 679-5358	6c. E-MAIL ADDRESS marketing@reisseng.com			
8a. FORMER FIRM NAME(S) *(If any)* Reiss Environmental, Inc.			8b. YR. ESTABLISHED 1998	8c. DUNS NUMBER 09-5869405

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	10	10
08	CADD Technician	2	2
10	Chemical Engineer	2	2
12	Civil Engineers	8	5
15	Construction Inspector		
16	Construction Manager	2	2
23	Environmental Engineer	14	11
32	Hydraulic [Modeling] Engineer	1	1
42	Mechanical Engineer		
48	Project Manager	6	4
52	Sanitary Engineers		
	Total	45	37

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
D03	Desalination (Proc & Facilities)	3
C04	Chemical Processing & Storage	3
C15	Construction Management	4
D04	D/B – Preparation of RFPs	1
G04	GIS Services: Development, Analysis, Data Collection	2
P05	Planning (Comm, Reg, Area, Distribution)	5
P06	Planning (Site, Installation, Project)	4
P07	Plumbing and Pipe Design	5
S04	Sewage Collection, Treatment, Disposal	5
S13	Stormwater Handling & Facilities	2
W02	Water Resources: Hydro, GW	2
W03	Water Supply: Treatment & Distribution	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	0
b. Non-Federal Work	7
c. Total Work	7

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 

b. DATE: July 20, 2020

d. NAME AND TITLE: Allen Dethloff, PE—Vice President

AUTHORIZED FOR LOCAL REPRODUCTION **STANDARD FROM 330** (8/2016)

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any): RFP No. 2020-58

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or branch office)* NAME: EMI Consulting Specialties, Inc.	3. YEAR ESTABLISHED: 1991
	4. DUNS NUMBER: 96-276-6341
2b. STREET: 5742 River Bed Rd	5. OWNERSHIP a. TYPE: S-Corporation
2c. CITY: Groveland; 2d. STATE: FL; 2e. ZIP CODE: 34736	b. SMALL BUSINESS STATUS: N/A
6a. POINT OF CONTACT NAME AND TITLE: Willard C. Hoanshelt, President	7. NAME OF FIRM *(if block 2a is a branch office)*: N/A
6b. TELEPHONE NUMBER: 352-460-4035; 6c. E-MAIL ADDRESS: whoanshelt@emicfl.com	
8a. FORMER FIRM NAME(S) (if any)	8b. YR. ESTABLISHED; 8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of employees (1) FIRM	c. No. of employees (2) BRANCH
02	Administrative	1	
08	CADD Technician	1	
15	Construction Inspector		
16	Construction Manager		
21	Electrical Engineer	1	
29	GIS Specialist		
37	Interior Designer		
47	Planner: Urban/Regional		
52	Sanitary Engineer		
54	Security Specialist		
58	Technician/Analyst		
60	Transportation Engineer		
62	Water Resources Engineer		
	Other Employees		
	Total	3	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A04	Air Pollution Control	
A06	Airports; Terminals & Hangers; Freight Handling	
B02	Bridges	
C15	Construction Management	2
D01	Dams; *(Concrete; Arch)*	
D02	Dams; *(Earth; Rock); Dikes; Levees*	
E09	Enviro. Impact Studies, Assessments, or Statements	
E12	Environmental Remediation	
H07	Highways: Streets; Airfield Paving; Parking Lots	
I01	Industrial Buildings; Manufacturing Plants	
P06	Planning *(Site, Installation, and Project)*	
P12	Power Generation, Transmission, Distribution	2
R03	Railroad: Rapid Transit	
R11	Rivers: Canals; Waterways; Flood Control	
S02	Security Systems; Intruder & Smoke Detection	1
S04	Sewage Collection; Treatment and Disposal	2
S07	Solid Wastes; Incineration; Landfill	2
S10	Surveying; Platting; Mapping; Flood Plain Studies	
S13	Storm Water Handling & Facilities	
T02	Testing & Inspection Services	2
T03	Traffic & Transportation Engineering	
W02	Water Resources; Hydrology; Ground Water	
W03	Water Supply; Treatment and Distribution	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(insert revenue index number shown at right)

a. Federal Work	
B. Non-Federal Work	3
c. Total Work	3

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. *$500,000 to less than $1 million*
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. *$25 million to less than $50 million*
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: 

b. DATE: 1-2-2020

c. NAME AND TITLE: **Willard C. Hoanshelt, President**

AUTHORIZED FOR LOCAL REPRODUCTION
MANDATORY USE DATE OF FORM 5/1/2004

STANDARD FORM 330 (6/2004) **PAGE 6**

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFP No. 2020-58

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME: Wekiva Engineering, LLC	3. YEAR ESTABLISHED: 2016
	4. DUNS NUMBER: 009899161
2b. STREET: 711 N Orange Ave, Suite A	5. OWNERSHIP
	a. TYPE: LLC
2c. CITY: Winter Park; 2d. STATE: FL; 2e. ZIP CODE: 32789	b. SMALL BUSINESS STATUS: None
6a. POINT OF CONTACT NAME AND TITLE: John Sobczak, Member	7. NAME OF FIRM *(If block 2a is a branch office)*
6b. TELEPHONE NUMBER: 321.972.4989	6c. E-MAIL ADDRESS: john@wekivaengineering.com

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
57	Structural Engineering	4	
	Other Employees		
	Total	4	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
4	Sewage Collection Treatment	3
3	Water Supply	3

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	4
c. Total Work	4

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: 

b. DATE: 6/11/2020

c. NAME AND TITLE: John Sobczak, Member

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FORM 330 (6/2004) **PAGE 6**

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: **RFP No. 2020-58**

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME: **Tierra, Inc.**		3. YEAR ESTABLISHED: **1992**	4. DUNS NUMBER: **794753707**
2b. STREET: **7351 Temple Terrace Highway**		5. OWNERSHIP	
2c. CITY: **Tampa**	2d. STATE: **FL**	2e. ZIP CODE: **33637**	a. TYPE: **Corporation**
			b. SMALL BUSINESS STATUS
6a. POINT OF CONTACT NAME AND TITLE: **Larry P. Moore, P.E., Vice President**			c. CITY OF TAMPA W/MBE SLBE CERTIFICATION: **MBE**
6b. TELEPHONE NUMBER: **(813) 989-1354**	6c. E-MAIL ADDRESS: **lmoore@tierraeng.com**		7. NAME OF FIRM *(If block 2a is a branch office)*
8a. FORMER FIRM NAME(S) *(If any)*		8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
2	Administrative	21	14
8	CADD Technician	2	2
15	Construction Inspector	97	31
27	Foundation/Geotechnical Eng	24	20
58	Technician	38	25
24	Environmental Scientist	4	4
	Total	**186**	**96**

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
S05	Soils & Geologic Studies: Foundations	7
T02	Testing and Inspection Services	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

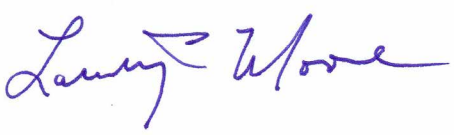
a. Federal Work	
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000.
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: 	b. DATE: June 8, 2020
c. NAME AND TITLE: **Larry P. Moore, P.E., Vice President**	

Solicitation No.
RFP No. 2020-58

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Earth Resources, Inc.			**3. YEAR ESTABLISHED** 2005	**4. DUNS NUMBER** 608652140
2b. STREET 3411 West Dorchester Street			**5. OWNERSHIP** **a. TYPE** Corporation	
2c. CITY Tampa	**2d. STATE** FL	**2e. ZIP CODE** 33611	**b. SMALL BUSINESS STATUS** SBE/WBE	
6a. POINT OF CONTACT NAME AND TITLE Nancy Scott, President			**7. NAME OF FIRM** *(If block 2a is a branch office)*	
6b. TELEPHONE NUMBER (813) 333-2971	**6c. E-MAIL ADDRESS** nscott@earthresources.us			
8a. FORMER FIRM NAME(S) *(If any)* N/A			**8b.YR ESTABLISHED**	**8c. DUNS NUMBER**

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
07	Biologist	2	
19	Biologist	2	
29	GIS Specialist	1	
	Other Employees		
	Total	5	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
E9	Environmental Impact Study	2
E10	Natural Resource Mapping	2
E11	Environmental Planning	3
G04	GIS Services	2
E01	Ecological Investigations	3

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

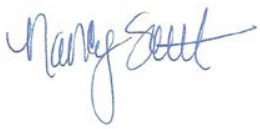
a. Federal Work	1
b. Non-Federal Work	5
c. Total Work	5

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. **Less than $100,000**
2. **$100,000 to less than $250,000**
3. **$250,000 to less than $500,000**
4. **$500,000 to less than $1 million**
5. **$1 million to less than $2 million**
6. **$2 million to less than $5 million**
7. **$5 million to less than $10 million**
8. **$10 million to less than $25 million**
9. **$25 million to less than $50 million**
10. **$50 million or greater**

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE



b. DATE
June 1, 2020

c. NAME AND **TITLE**
Nancy Scott, President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: RFP No. 2020-58

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME	3. YEAR ESTABLISHED	4. DUNS NUMBER
ECHO UES, Inc.	2017	08-6424206

2b. STREET	5. OWNERSHIP
4803 George Rd., Suite 350	a. TYPE: S Corp / Privately Owned

2c. CITY	2d. STATE	2e. ZIP CODE	b. SMALL BUSINESS STATUS
Tampa	FL	333634	FDOT SBE, DBE, FL MBE

6a. POINT OF CONTACT NAME AND TITLE	7. NAME OF FIRM *(If block 2a is a branch office)*
Jeraldo Comellas, Jr., PE / President	

6a. TELEPHONE NUMBER	6c. E-MAIL ADDRESS
727-423-2518	jerry.comellas@echoues.com

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	5	4
12	Civil Engineers	3	1
38	Surveyors	5	3
48	Construction Experts/Mgrs/Eng.	1	1
08	CADD Technicians	5	2
Other	Field Mgrs & Field Technicians	41	24
	Total	60	35

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
H07	Land Surveying	5
T02	Utilities	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	5
c. Total Work	6

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE: 06/23/2020

c. NAME AND TITLE

Jeraldo Comellas, Jr., PE | President

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FROM 330 (8/2016) **PAGE 6**

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: 2020-58

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (*or Branch Office*) NAME: Progressive Water Resources, LLC	3. YEAR ESTABLISHED: 2007
	4. UNIQUE ENTITY IDENTIFIER: DUNS #010370087
2b. STREET: 6561 Palmer Park Circle, Suite D	5. OWNERSHIP
	a. TYPE: Limited Liabilty Company
2c. CITY: Sarasota; 2d. STATE: FL; 2e. ZIP CODE: 34238	b. SMALL BUSINESS STATUS: N/A
6a. POINT OF CONTACT NAME AND TITLE: James Guida, P.G., Principal	7. NAME OF FIRM *(If Block 2a is a Branch Office)*
6b. TELEPHONE NUMBER: (941) 552-5657; 6c. E-MAIL ADDRESS: jguida@prowatersource.com	

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	c. Number of Employees (2) BRANCH
08	CADD Technician	1	1
30	Geologist	2	1
34	Hydrologist	2	2
62	Water Resources Engineer	2	2
02	Administrative	1	1
	Other Employees		
	Total	8	7

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
G04	GIS Services, Development, etc.	1
R11	Rivers; Canals; Waterways; Flood	1
S11	Sustainable Design	2
U02	Urban Renewals, Community Dev	1
W02	Water Resources, Hydrology	4

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	5
c. Total Work	5

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 

b. DATE: 07/06/2020

c. NAME AND TITLE: James P. Guida, P.G., Principal

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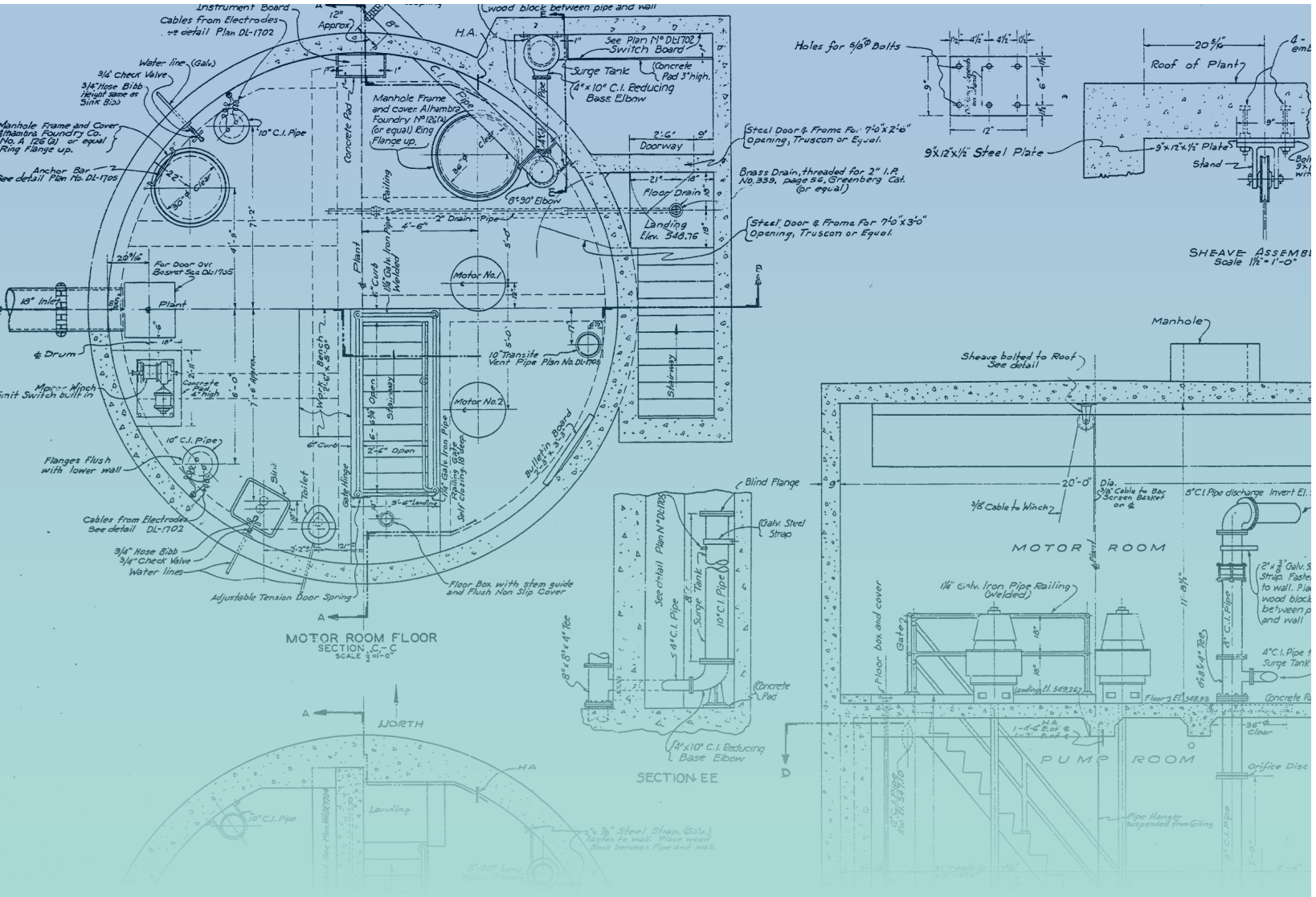
TAB 3

KEY PERSONNEL/ QUALIFICATIONS OF THE TEAM

- Organizational Chart
- SF330 Section E: Resumes



REISS ENGINEERING

TAB 3. KEY PERSONNEL/QUALIFICATIONS OF THE TEAM

Reiss prides itself on the long-term experience of our key personnel. Through Reiss' long-standing presence in Florida, we have established working relationships with the agencies, local governments, and key decision makers which will be crucial to making projects successful. This section outlines the qualifications and proposed responsibilities of the team's key members. Reiss will not substitute team members without express permission from the City. All key professional staff are properly licensed to practice in Florida. ***Our technical team is led by program director, Allen Dethloff, PE, with oversight and client support provided by industry veteran, client manager, Barton Jones.*** This management team provides North Port with extensive project management, program management, and client services management to ensure effective and efficient allocation of resources, expertise, and management so tasks are completed on time and budget and to the City's satisfaction.

CITY OF NORTH PORT

CLIENT MANAGER
Bart Jones

PROGRAM DIRECTOR
Allen Dethloff, PE

WATER TREATMENT FACILITIES

TASK MANAGER
Glenn Dunkelberger, PE, BCEE

SUPPORT STAFF
Christophe Robert, PhD, PE
C. Robert Reiss, PhD, PE
Lee Hale, PE

UTILITY DISTRIBUTION AND COLLECTION SYSTEMS

TASK MANAGER
Weston Haggen, PE, DBIA, ENV SP

SUPPORT STAFF
Allen Dethloff, PE
Melanie Peckham, PE
Stefano Ceriana, PE, LEED AP

CONSTRUCTION SERVICES

TASK MANAGER
Scott Hoxworth, PE

SUPPORT STAFF
Bart Jones
Tyler Brenfleck, EI
Emily Williamson, EI

WASTEWATER TREATMENT FACILITIES

TASK MANAGER
James Hagerty, PE

SUPPORT STAFF
J. Richard Voorhees, PE, BCEE
Mark Worsham, PE
Pamela Kerns, EI

MASTER PLANNING & HYDRAULIC MODELING

TASK MANAGER
Edward Talton, Jr., PE

SUPPORT STAFF
Da Yu, PE
Chad Meisel, PE
Joseph Haber, PG

REGULATORY COMPLIANCE & PERMITTING

TASK MANAGER
Christophe Robert, PhD, PE

SUPPORT STAFF
Weston Haggen, PE
Jonathan McCarthy, PE
Tyler Brenfleck, EI

STRUCTURAL

WEKIVA ENGINEERING
John Sobczak, PE

ELECTRICAL/I&C

EMI CONSULTING
Willard Hoanshelt, PE

GEOTECHNICAL

TIERRA*
Joe DiStefano, PE

ENVIRONMENTAL

EARTH RESOURCES*
Nancy Scott

GEOLOGICAL/ HYDROGEOLOGY

PROGRESSIVE WATER RESOURCES
James Guida, PG
David Brown, PG

SURVEY/SUE

ECHO UES*
Michael Patterson, PSM
Jason Stanley

Sub-consultant
Reiss
*W/MBE

SENIOR LEADERSHIP

The success of any project is based not only on the development of practical, efficient solutions, but also in ensuring the process by which the work is completed is defensible, transparent, and understandable at all levels of stakeholders. As such, having senior leadership manage projects under this contract is critical, with that leadership leveraging the use of individual experts in their respective areas.

KEY STAFF

Our key staff members have been assigned their roles based on their experience relative to the anticipated needs of the City of North Port on this contract. Reiss currently has more than 40 full-time employees (all of which are focused on utility infrastructure projects), and based on our current back-log, we have sufficient available capacity to successfully perform any project anticipated under this continuing services contract for the City of North Port. Brief summaries of key Reiss team members are provided below. Complete resumes for all key staff are provided in Section E, SF330 Part E.

ALLEN DETHLOFF, PE | PROGRAM DIRECTOR

20 Years

Education: BS, Civil Engineering
Registration: Professional Engineer, FL No. 66382

To meet the objective of providing senior leadership for a contract of this nature, Allen Dethloff will serve as the program director to allocate resources and staff to ensure the quality and integrity of your deliverables. Mr. Dethloff focuses on management of complex and fast-paced projects involving multiple disciplines and/or sub-consultants, including projects that involve community involvement, funding, or regulatory compliance, and are of a critical nature to the communities we serve. As a vice president and regional manager, Mr. Dethloff is capable of ensuring the Reiss team delivers consistently with your expectations. Mr. Dethloff has nearly 20 years of experience serving as project manager for numerous high profile projects and will bring this experience to bear on the City of North Port's utility projects.

As program director, Mr. Dethloff will serve as primary point of contact for the City, allocate resources, and assign task leaders. Mr. Dethloff offers a wide range of experience in civil engineering, process mechanical engineering, permitting, and construction management. His experience includes preliminary design, final design, permitting, bidding, and construction administration for pipelines (including various trenchless technologies), sanitary sewer collection systems, pumping stations, water, and wastewater facility improvements, chemical feed systems, and stormwater management system improvements.

Relevant Project Experience Includes:

Reclaimed Ground Storage Tank and Pump Station, Haines City, FL. Project manager for the preliminary design, hydraulic analysis, final design, permitting, and construction administration services for a 7.8-mgd transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete ground storage tank, a new 4.5-mgd reclaimed high service pump station with VFDs, an off-site 1.1-mgd booster pump station, yard piping, electrical, instrumentation and controls, and ancillary structures at the Haines City wastewater treatment facility.

Utility Relocation, Gunn Highway Improvements, Tampa, FL. Engineering manager for the coordination of the site inspection, maintenance of as-built mark-ups (as well as other forms of construction documentation), and record drawing development for utility relocations associated with a road widening project.

Delwood Super Station Design-Build, Hillsborough County, FL. Technical advisor for this design-build project involving the design and construction of a 10-mgd super pump station as part of the County's overall Northwest Wastewater Consolidation Project. The project included the design and construction of a dual wet well triplex pump station, two 10-MGD Godwin CD500-M engine-driven bypass pumps, a 3,000-standard-cubic-feet-per-minute odor control unit, a low-profile cascade aerator and dechlorination for surface water discharge of the plant effluent to Brushy Creek, demolition of the existing Dale Mabry Advanced Wastewater Treatment Plant, and repurposing of the site to serve as a community park.

Collection System Pump Station 357 and Force Main Improvements, Pinellas County, FL. Senior project engineer for the hydraulic analysis, design, and permitting to disconnect the force main connection from pump station 357 and pump station 448, installation of new force mains connecting each pump station to the downstream larger force main and design of pump station upgrades to allow pump station 357 and the system to operate as intended.

Clemons Road Water Main Extension/Tom Folsom Road Interconnect, Hillsborough County, FL. Project manager providing CEI and engineer-of-record services for two pipeline projects for Hillsborough County Public Utilities.

BARTON JONES | CLIENT MANAGER

56 Years

Education: MBA, Business Administration
Registration: Professional Engineer, IA No. P10034

Mr. Jones has served as a top manager of water and wastewater utilities for similar-sized government agencies, having worked on treatment facilities, transmission and distribution systems, storage and pumping facilities, management programs, regulatory compliance and construction management. Mr. Jones offers extensive experience servicing municipal clients, having served as the client manager for numerous municipal utilities over the last 22 years of his career. Because of Bart's experience working in the public sector, his attention is focused on matters he understands to be of great importance to owners/operators. He knows there are many outside forces acting upon any project solution matrix. This insight enables him to "look forward" to address issues before they arise.

GLENN DUNKELBERGER, PE, BCEE | WATER TREATMENT FACILITIES TASK MANAGER

48 Years

Education: MS, Environmental Engineering | BS, Civil Engineering
Registration: Professional Engineer, FL No. 38310

Mr. Dunkelberger has provided high-end technical engineering design, having designed plants using ion-exchange, granular activated carbon, membranes, ozone, lime softening, and conventional and advanced treatment technologies, he has a depth of experience that is unmatched among water treatment engineers. His experience includes planning, process operations, detailed design, design/build, and construction phase services. Areas of relevant technical expertise are water/wastewater/reuse treatment and advanced process technology. He brings a vast amount of knowledge and skill sets that are meaningful to the success of the projects that lay ahead for North Port. Mr. Dunkelberger has been selected to represent Reiss by providing the water treatment facilities technical leadership.

JAMES HAGERTY, PE | WASTEWATER TREATMENT FACILITIES TASK MANAGER

35 Years

Education: ME, Civil Engineering | BS, Civil Engineering
Registration: Professional Engineer, FL No. 43969

Mr. Hagerty offers specialized wastewater treatment expertise, having been responsible for developing and optimizing process designs for advanced biological treatment systems, sludge processing, and effluent disposal systems. He has used his unit process and operations experience to aid in the development of facility expansion plans, construction plans, value engineering analysis, and technical reviews. His wastewater process design experience includes advanced treatment, effluent filtration, anaerobic and aerobic digestion systems, sludge pelletizing systems, lime treatment, and sludge dewatering. Mr. Hagerty served as the technical lead on Orange County's South Water Reclamation Facility Influent Pump Station and Hillsborough County's Delwood Super Station Design-Build projects.

WESTON HAGGEN, PE, DBIA, ENV SP | UTILITY DISTRIBUTION AND COLLECTION SYSTEMS TASK MANAGER

11 Years

Education: MSE, Civil Engineering | BSE, Civil Engineering
Registration: Professional Engineer, FL No. 77777

Mr. Haggen's experience includes planning, modeling, permitting, preliminary and final design, design-build, and construction management for drinking water and wastewater projects throughout Florida. He has managed large multi-discipline projects, including the Delwood Super Station and the Morris Bridge Pump Station projects, both of which were delivered via design-build, and both of which are highlighted in Section G, SF 330 Section F. Mr. Haggen is certified by the FDOT in Advanced Temporary Traffic Control and certified by NASSCO in PACP/LACP & MACP. Coupled with his extensive similar project experience, Weston is well-suited to serve the City as the task manager for utility distribution and collection systems under this contract.

CHRISTOPHE ROBERT, PHD, PE | REGULATORY COMPLIANCE & PERMITTING TASK MANAGER

22 Years

Education: PhD, Civil/Environmental Engineering | MSE, Chemical Engineering
Registration: Professional Engineer, FL No. 53794

Dr. Robert will lead the efforts for permitting and regulatory compliance and will bring his experience, with emphasis on advanced water treatment processes, permitting, and process design to bear. As the firm's primary expert on permitting, Dr. Robert has assisted various municipalities in Florida to prepare and submit permit applications to numerous municipal and statewide regulatory agencies, including FDEP. Dr. Robert was the primary engineer in obtaining NPDES reverse osmosis concentrate discharge permits for the cities of Tarpon Springs and Melbourne. He recently assisted the City of Melbourne in obtaining a 30-year consumptive use permit (CUP). His experience and relationships with permitting authorities will help to avoid costly delays in the permitting process.

EDWARD TALTON, JR., PE | MASTER PLANNING/HYDRAULIC MODELING TASK MANAGER

30 Years

Education: MSE, Environmental Engineering | BSE, Environmental Engineering
Registration: Professional Engineer, FL No. 47023
Mr. Talton has been involved with water, wastewater and reclaimed water master planning, CIP development and mapping updates, hydraulic modeling, and GIS/asset management applications. Mr. Talton is a nationally-recognized hydraulic modeling expert having performed the STOPR Group's Cypress Lake Potable Water Transmission, Optimization and Interconnection Project, which was selected as the most innovative engineering project by Engineer Week. He successfully completed the City of Fort Lauderdale's Comprehensive Utility Strategic Master Plan that was focused on sustainability and resiliency and incorporated the effects of sea level rise and climate change. Mr. Talton's unique expertise in hydraulic modeling and GIS integration has allowed him to develop comprehensive system-wide models to assist in the design and implementation of pipelines, water quality analyses, and master planning activities.

SCOTT HOXWORTH, PE | CONSTRUCTION SERVICES TASK MANAGER

22 Years

Education: MSE, Environmental Engineering | BSE, Environmental Engineering
Registration: Professional Engineer, FL No. 58643
Mr. Hoxworth has considerable experience conducting field investigations, troubleshooting, managing construction teams, detailed design work, site construction activities, and commissioning all types of water and wastewater related projects and is continually called upon to serve as the commissioning engineer for construction projects due to his methodical approach and technical understanding of the project's intentions. Mr. Hoxworth served as construction engineer or provided construction administration services in many of the projects highlighted throughout this proposal. Mr. Hoxworth's infrastructure experience includes transmission pipeline constructed by trenchless and open cut installation, water repump stations, wastewater pump stations, and highly sophisticated treatment plants driven by automatic controls and integration with utility wide SCADA systems.

SUB-CONSULTANTS AND THEIR RESPONSIBILITIES

The sub-consultants for the Reiss team were chosen for their experience and their long working history of providing services to the City and/or Reiss under similar contracts, with qualifications outlined below:

JOHN SOBCZAK, PE | WEKIVA ENGINEERING, LLC | STRUCTURAL ENGINEER

15 Years

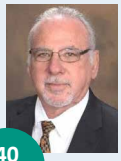
Education: MS, Structural Engineering | BS, Mechanical Engineering
Registration: Professional Engineer, FL No. 71407
Mr. Sobczak has significant experience working specifically in the water and wastewater industry. He is well versed in the requirements for the preparation of structural design calculations and high-quality contract documents for the types of structures frequently encountered in this industry. He has been a critical member of a successful small engineering company, where he has performed many types of designs outside of the water/wastewater industry which include earthen dams, stadiums, bridges, elevated water storage tanks, and small commercial and retail structures. This broad experience allows Mr. Sobczak to provide solutions to engineering problems that are most cost effective and simple enough to ensure smooth construction and superior results.

WILLARD "PETE" HOANSHELT, PE | EMI CONSULTING SPECIALTIES, INC. | ELECTRICAL AND I&C ENGINEER

34 Years

Education: BSE, Electrical Engineering
Registration: Professional Engineer, FL No. 42593
Mr. Hoanshelt is highly qualified in electrical and instrumentation control engineering, with specific expertise in the water and wastewater industry. He is qualified to engineer and design electrical power distribution and lighting systems for both low and medium voltage systems. His expertise in electrical machines and variable speed drives provide bases for his energy management studies. Mr. Hoanshelt's expertise in instrumentation and controls includes computer-based data acquisition systems, programmable logic controls, analog loop and discrete conventional control systems, flow and analytical meter evaluation and selection. Mr. Hoanshelt provides quality design services with innovative solutions to keep costs down while meeting the needs and goals of the project at hand.

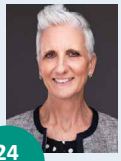
JOE DI STEFANO, PE | TIERRA, INC. | GEOTECHNICAL ENGINEER



40 Years

Education: BS, Electrical Engineering
Registration: Professional Engineer, FL No. 31939
With over 40 years of progressive experience, Mr. Di Stefano has served as a geotechnical project principal on a variety of projects performed in the West Central Florida area. He is experienced with coordinating and oversight of subsurface investigations and providing associated geotechnical recommendations on a variety of infrastructure projects including water and wastewater facilities, pipelines, interstates, rural and urban roadways, bridges, signals and various types of buildings. His previous experience as a civil design consultant enables him to be proactive in anticipating the prime consultant needs and issues which typically affect projects.

NANCY SCOTT | EARTH RESOURCES, INC. | ENVIRONMENTAL



24 Years

Education: BS, Biology
Registration: FWC Authorized Gopher Tortoise Agent, GTA-09-0027F | FDEP Certified Stormwater and Erosion Control Inspector | SWFWMD Wetland Assessment Procedure Training
Ms. Scott's extensive experience includes long term wetland health assessments and monitoring, state and federal environmental permitting, protected species surveys and permitting, wetland delineation, UMAM, preparation of NEPA documents. She has diverse professional experience in wildlife ecology, permitting, and wetlands ecology. Ms. Scott has built excellent relationships with regulatory staff, scientists and engineers that increases the potential for successful collaborations. Ms. Scott has conducted wetland delineations throughout Florida. She worked at the Southwest Florida Water Management District in the Resource Regulation Department where she was responsible for approving jurisdictional lines and reviewing projects for conformance with the Environmental Resource Permit regulations. She is an expert in both the State of Florida wetland delineation method and the US Army Corps of Engineers Regional Supplement.

JAMES GUIDA, PG | PROGRESSIVE WATER RESOURCES, LLC | HYDROGEOLOGY/GEOLOGICAL

35 Years

Education: BS, Geology
Registration: Professional Geologist, FL No. PG1339
Mr. Guida has extensive experience in hydrogeology and hydrology, regional and local water supply development and planning, water resource management, and water conservation. He is experienced in water resource consulting and has 35 years of Florida Water Management District-related regulatory experience including the areas of water/consumptive use permitting, well construction permitting, minimum flows and levels, and environmental resource permitting and sovereign submerged lands. Mr. Guida is the former Director of the Sarasota Service Office of the Southwest Florida Water Management District, a position he held for 11 years.

DAVID BROWN, PG | PROGRESSIVE WATER RESOURCES, LLC | HYDROGEOLOGY/GEOLOGICAL

37 Years

Education: BS, Geology
Registration: Professional Geologist, FL No. PG566
Mr. Brown has a broad professional background in geology, groundwater hydrology, and permitting. Since 1983, he has managed the technical aspects of water resource development and sustainability projects throughout the Southeastern United States, with particular emphasis in Florida. He has both public and private professional experience, enabling him to provide a straightforward and integrated approach to resource development and protection. He has successfully worked with, and provided technical input to, numerous public officials and agencies involved in water resource policy. In addition, his background includes groundwater modeling, stratigraphic interpretation, geophysical investigations, aquifer testing, ground and surface water quality monitoring, and TMDLs. Other areas of expertise include alternative water resource development, and irrigation efficiency.

JOSEPH HABER, PG | PROGRESSIVE WATER RESOURCES, LLC | HYDROGEOLOGY/GROUNDWATER MODELING

21 Years

Education: MS, Hydrogeology | BS, Environmental Science and Policy
Registration: Professional Geologist, FL No. PG2631

Mr. Haber has practical experience in hydrogeology, hydrology, geochemistry and geographic information systems working as a water resource specialist in the State of Florida. As a Southwest Florida Water Management District employee for six years, he brings unique insights in water use permitting (WUP). Other experience includes development of water supply demand projections, design of conservation plans, groundwater flow modeling and impact analysis, and water use metering. He is also skilled in production wellfield design, water quality monitoring network design and management, aquifer performance testing, minimum flow and level (MFL) impact analysis, agricultural irrigation modeling, production and monitor well network design and geophysical logging.

MICHAEL PATTERSON, PSM | ECHO UES, INC. | SURVEYOR

19 Years

Education: BS, Surveying
Registration: Professional Surveyor & Mapper, FL No. LS6560

Mr. Patterson has over 19 years of experience providing surveying, mapping, and subsurface utility engineering (SUE) professional services on a multitude of utility-related projects throughout Florida. He began his career working as a survey technician and worked his way into a leadership position overseeing large survey and SUE contracts for Sarasota County, the Florida Department of Transportation (FDOT), District One and Seven, and multiple local municipalities. This experience has assisted him in developing standards and procedures for field and office work leading to increased efficiency and quality of the deliverables while always maintaining a focus on safety. Mr. Patterson will serve as the project surveyor on this contract and assist the team with the oversight of the field and office efforts involved. His wide-range experience provides the ECHO team with in-depth insight into the life cycle of a project, from scope development through final deliverable with an emphasis on responsive service.

JASON STANLEY | ECHO UES, INC. | SUBSURFACE UTILITY ENGINEERING

20 Years

Education: AS, Design Technology
Registration: Florida Department of Environmental Protection, Erosion and Sedimentation Control, No. 435

Mr. Stanley has over 20 years of experience providing subsurface utility engineering (SUE) professional services, in addition to providing management support for the surveying and mapping services. He has successfully managed, from concept to completion, well over 600 SUE task work orders and projects involving a wide variety of scopes and sizes from contract negotiation to deliverable submission. Mr. Stanley's extensive experience working with a wide range of clients gives him a broad and diverse background and exposure to potential utility issues that could present themselves under this contract. As SUE project manager, Mr. Stanley will be involved with standard operating procedure (SOP) development and implementation, allocation of SUE resources, staff training, quality control, and technical leadership.

Project Highlight

BRACKISH REVERSE OSMOSIS WTP #2 TRANSMISSION MAINS CLEARWATER, FL

To connect 17 brackish wells to RO WTP #2, approximately 64,625 linear feet (LF) of 6- to 24-inch pipeline was designed, the majority of which was installed using horizontal direction drilling (HDD) techniques and open trench installation methods. Clearwater is a well-developed urban landscape, such that there were many existing underground utilities, including water, wastewater, reclaimed water, stormwater, gas, electrical, and communications; therefore utility coordination was very important. The pipeline routing design took into consideration these existing utilities, easements, City property ownership, and constructability to identify the most cost effective route to connect the wells to RO WTP #2. ***Modeling, pipeline coupon inspection, and water quality testing was performed to evaluate converting 16,000 LF of existing 16-inch DIP potable water main to raw water transmission main use, resulting in a $700,000 savings.*** Permitting for the pipeline included FDEP, Pinellas County ROW Use, FDOT Utility, FDEP and ACOE De Minimis ERP permitting.

MANAGEMENT OF SUB-CONSULTANTS

The Reiss team is proud to be able to offer a diverse set of expertise in the types of specialty design disciplines that will enable us to work efficiently and help meet North Port's schedules and budgets. Sub-consultants will be assigned work based on the needs of each individual project, the required disciplines, and workload/availability. They will be required to adhere to Reiss' Project Management Plan (PMP) and Quality Control Plan and their assignments will be tracked in our program management software along with Reiss' tasks as a single project management system. ***It is our goal that our entire team operate as a cohesive unit and that services and deliverables will be seamless in quality and presentation, such that there is no perceived difference in work products generated by Reiss or its sub-consultants.***

WEKIVA ENGINEERING, LLC | STRUCTURAL ENGINEERING

Wekiva Engineering, LLC (Wekiva) provides structural engineering services to an array of industry sectors which include water and wastewater facilities, solid waste facilities, and commercial buildings. Their highly experienced and talented engineers have been providing cost-effective solutions and exceptional results for our clients throughout the Southeastern United States. Their experience also allows them to solve engineering problems with simplicity and innovation. Wekiva is very proficient in the various applicable design and building codes allowing them to apply effective and proper solutions early in the design stage. Their engineers frequently work with contractors providing value engineering ideas and solutions. This allows them to be intimately involved with the entire process of a structures' evolution from conception to final construction activities.

EMI CONSULTING SPECIALTIES, INC. | ELECTRICAL/INSTRUMENTATION AND CONTROLS ENGINEERING

EMI Consulting Specialties, Inc. (EMI) was founded in May 1991 in Florida to serve the technical requirements of the civil and environmental sectors. EMI has specialized in the disciplines related to the potable water and wastewater, roadway, stormwater, and facility systems. Their expertise is related to the power, lighting, control and instrumentation systems required to serve the civil and environmental arena.

EMI provides comprehensive services to more than 30 municipal clients in the public and industrial sector. EMI's range of services and expertise include power distribution, roadway lighting systems, sports lighting systems, photometrics, telemetry systems, control systems, computer data acquisition, power quality report, energy audits, lighting impact studies, lightning protection systems, stand-by generators, power flow studies, harmonic analysis, coordination studies, construction supervision, building code compliance studies, and CADD implementation. EMI also provides building mechanical services, such as plumbing and HVAC.

EMI was established on the premise that a need for quality services in the designing of the roadway, water and wastewater sectors existed. EMI's combination of electrical, power and control system expertise has contributed to designs that are economical to design and build.

TIERRA CONSULTING, INC. | GEOTECHNICAL ENGINEERING

Tierra is a full service consulting geotechnical, environmental (contamination including asbestos surveys) and construction materials testing engineering firm with more than 28 years of experience serving governmental agencies. Tierra has provided geotechnical support services for numerous projects for the City. Typical geotechnical services have included drilling, field sampling, laboratory testing, engineering analysis and reporting. Tierra utilizes MicroStation and AutoCAD for site maps and roadway drawing plan sheets and are fully integrated with GPS and GIS mapping for self locating field borings and sample locations. Tierra's approach for success is their commitment to provide quality, responsive service and professional competence in a wide range of technically demanding areas.

EARTH RESOURCES, INC. | ENVIRONMENTAL SERVICES

Earth Resources, Inc. is a woman owned environmental consulting firm based in Tampa, Florida. The company was formed in 2005 by Nancy Scott, Principal Scientist. The company's areas of expertise include state and federal environmental permitting, ecological studies and analysis, protected species surveys and permitting, habitat restoration, wetland monitoring, and preparation of NEPA documents. Their understanding of Florida ecosystems coupled with knowledge of the laws and rules governing regulation enable them to find creative solutions for clients. Earth Resources is certified as a Small Business Enterprise with the City of St. Petersburg.

Earth Resources' staff of skilled scientists provide a full-range of environmental consulting services. They maintain the latest, most advanced field equipment and software programs, operated by a staff that is continually trained as technology advances. Earth Resources specializes in working with public agencies and the vast majority of projects are for local governments. They consistently produce high quality work for city and county governments and agencies and provide innovative solutions to the unique permitting challenges of stormwater and utility projects.

PROGRESSIVE WATER RESOURCES, LLC | GEOLOGY/HYDROGEOLOGY/ GROUNDWATER MODELING

Progressive Water Resources (PWR) is a water resource consulting firm with extensive knowledge and experience in multiple aspects of ground and surface water resource development and management. PWR senior staff includes registered professional geologists and engineers, most with more than 30 years of technical experience. PWR provides a broad array of technical, scientific, and regulatory support services to assist clients in all of their water resource needs, including water supply development, watershed and stormwater management, regulatory permitting and compliance, water conservation, and strategic water resource planning. Their highly qualified staff is thoroughly experienced and knowledgeable in the fields of applied hydrogeology, engineering, surface water hydrology, water resource regulations, groundwater and surface water flow modeling, and integrated water resource applications. PWR believes that collaboration is essential, and are accustomed to leading or being active participants in multi-disciplinary teams with other water managers, engineers, utility managers, architects, planners, and community designers. Services include water supply development, groundwater and surface water hydrology, regulatory permitting and compliance, groundwater and surface water modeling, integrated water resource planning, water conservation and demand management, low impact development design and permitting, floodplain management, modeling and mapping, total maximum daily loads (TMDLs), cooperative funding, reclaimed water use, stormwater reuse, development of regional impacts, comprehensive plan support, civil engineering and oversight, design charettes, and community facilitation and engagement.

ECHO UES, INC. | SURVEYING AND SUBSURFACE UTILITY ENGINEERING (SUE)

ECHO UES, Inc. (ECHO) is a small business founded by a group of partners with civil engineering, surveying, construction and utility/GIS background, who believe in providing high quality and reliable utility and survey data to design better, build faster, and safely enhance engineering, design, construction and maintenance of infrastructure. ECHO currently employs sixty (60) full-time employees and has twenty (20) field crews that will provide services for this contract.

ECHO was founded in 2017 to provide subsurface utility engineering and survey and mapping professional services throughout Florida for a variety of projects, assisting owners, engineers and constructors in better performance throughout the entire project cycle, from design to construction and maintenance of infrastructure. Services provided include the study, analysis and depiction of existing underground utilities potentially impacted by a project, in addition to the collection of accurate topographical and specific purpose surveys to represent the above ground site conditions. Field work is performed with the use of highly specialized technology and equipment, to include surface geophysical equipment, pipe and cable locators, ground penetrating radar, vacuum excavation units, total stations, GPS and laser scanners. The field data once collected is reviewed and processed, and our final deliverables consist of 3D digital representations of the site conditions above and below ground.

ECHO works on many different types of projects, including roadway design, reconstruction, widening and safety improvements, utility design, construction and maintenance, chemical plant upgrades and safety improvements. In general, ECHO's services are requested anywhere there is the need for obtaining above and below ground accurate information for infrastructure improvements.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Allen Dethloff, PE	Program Director	20	3

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Civil Engineering/Construction Management	Professional Engineer – FL No. 66382

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Water Environment Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Lift Station Asset Inventory and Condition Assessment**
Polk County, FL

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2020 | CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Senior project manager overseeing a team of professionals collecting asset inventory/condition assessment information from approximately 200 of Polk County Utilities' wastewater lift stations. The team is also conducting draw-down tests at each of the pump stations to memorialize the achievable flow rate from each pumping unit and to document major disparities.

b.

(1) TITLE AND LOCATION *(City and State)*: **Force Main Condition Assessment Keystone Ave to Klosterman Rd E**
Pinellas County, FL

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2018 | CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

QA/QC reviewer for the assessment and evaluation of the 30,525 linear feet of 30-inch ductile iron force main which conveys wastewater in North Pinellas County to the WE Dunn Water Reclamation Facility. The assessment included determining the profile of the force main using existing data and comparing to new survey, ground penetrating radar, and subsurface utility engineering data. Further evaluation included visual assessment and thickness measurements at strategic points on the pipe using ultrasonic thickness testing. Assessment ultimately identified deteriorating areas and recommended repair, replacement, or further testing.

c.

(1) TITLE AND LOCATION *(City and State)*: **Delwood Super Station Design-Build**
Hillsborough County, FL

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2018 | CONSTRUCTION *(if applicable)*: 2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Technical advisor for this design-build project involving the design and construction of a 10-mgd dual wet well, triplex diversion pump station, and demolition and repurposing of the existing Dale Mabry Wastewater Treatment Plant (WWTP) as part of the overall Northwest Consolidation Project. The project also included a 21-foot by 40-foot electrical building, MCC, generator, and two 10-mgd Godwin diesel pumps.

d.

(1) TITLE AND LOCATION *(City and State)*: **Reclaimed Ground Storage Tank and Pump Station**
Haines City, FL

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2020 | CONSTRUCTION *(if applicable)*: 2021 (Est.)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project manager for the preliminary design, hydraulic analysis, final design, permitting, and construction administration services for a 7.8-mgd transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete ground storage tank, a new 4.5-mgd reclaimed high service pump station with VFDs, an off-site 1.1-mgd booster pump station, yard piping, electrical, instrumentation and controls, and ancillary structures at the Haines City WWTF.

e.

(1) TITLE AND LOCATION *(City and State)*: **Clean Water SRF Lift Station Improvements, Phase 2**
Winter Haven, FL

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2020 | CONSTRUCTION *(if applicable)*: 2021 (Est.)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Senior project manager for design, permitting, and bidding services associated with the rehabilitation and/or replacement of five wastewater lift stations in the City's service area. The project included limited modeling (to support selection of new pumps), modifications to the existing gravity system near the lift stations, a new force main from one of the lift stations (to be installed via HDD), and the preliminary and final design for new/rehabilitated pump stations. Reiss also provided support related to state revolving fund (SRF) funding for the project.

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f.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
Lake Eva Recharge Feasibility Study Haines City, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION *(if applicable)* 2022 (Est.)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project engineer for the study to select potential RIB sites that will recharge the Floridan Aquifer and assist in raising the water level in Lake Eva. The project is co-funded by the South West Florida Water Management District. The project was performed in two phases and upon completion of both phases the study identified potential RIB sites, estimated the benefits to the water levels in Lake Eva MFL for each site, established water quality requirements for the reclaimed water; determined the required treatment and reclaimed water distribution system modifications and associated costs, and ranked and recommended candidate sites for construction of the RIB system.

g.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
Falkenburg AWWTP Backwash Blowers Hillsborough County, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION *(if applicable)* 2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☐ Check if project performed with current firm

Project manager to lead the design, permitting, bid phase services, and construction administration for the replacement of backwash pumps, process piping, and valves associated with the tertiary filters. Construction was carefully staged in order to maintain functionality of the facility throughout the construction.

h.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
South County Water Repump Station Potable Water Transmission Main to 19th Avenue, Hillsborough County, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION *(if applicable)* N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☐ Check if project performed with current firm

Project manager to perform a routing study, alternative trenchless technology analysis, preliminary design, detailed design, and permitting. The project consisted of approximately 7,000 lf of 30-inch diameter water main and 2,600 lf of 16-inch diameter water main piping. This project included a 1,100-lf microtunnel crossing of Interstate 75 and required permits from various regulatory agencies, including the Florida Department of Transportation, Florida Department of Environmental Protection, and the Southwest Florida Water Management District. Alternate trenchless technology analysis included analysis of horizontal directional drill, microtunnel, jack-and-bore, etc., for viability (technical and cost) on this project.

i.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
19th Avenue Water, Wastewater, and Reclaimed Water Pipeline Design/ Build, Hillsborough County, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION *(if applicable)* N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☐ Check if project performed with current firm

QA/QC and advisory role in support of the design-build delivery of three pipelines for Hillsborough County. The pipelines included more than 12,000 lf of 30-inch reclaimed water main, 4,000 lf of 20-inch reclaimed water main, 14,500 lf of 24-inch potable water main, 2,500 lf of 36-inch sanitary sewer force main, and 15,500 lf of 24-inch sanitary sewer force main. The project involved open cut construction, horizontal directional drilling (HDD) under wetlands, the jack-and-bore of a CSX railroad crossing, and a jack-and-bore of FDOT's US 41 highway.

j.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
Nature's Way Wastewater Pumping Station Upgrade Hillsborough County, FL	PROFESSIONAL SERVICES 2010	CONSTRUCTION *(if applicable)* 2011

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☐ Check if project performed with current firm

Project engineer for the design, permitting and construction of an expansion to an existing wastewater pump station. The project included the addition of a new wet well, installation of six new pumps (and variable frequency drives), and various electrical, instrumentation, and controls improvements. The project also included bid and construction phase services.

k.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
Eldridge–Wilde Hydrogen Sulfide Treatment Facility Pinellas County, FL	PROFESSIONAL SERVICES 2012	CONSTRUCTION *(if applicable)* 2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☐ Check if project performed with current firm

QA/QC providing technical design support and review of detailed design documents for improvements to an existing hydrogen sulfide removal facility and existing points of connection between Tampa Bay Water and Pinellas County. The project included civil, process mechanical, electrical, and instrumentation elements for design and construction of the new infrastructure, as well as demolition of existing infrastructure.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Barton Jones	Client Manager	56	1

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MBA, Business Administration BS, Civil/Environmental Engineering	Professional Engineer- IA No. P10034 DC No. PE7716

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association, Life Member; Water Environment Federation, Life Member; Fellow-Water Environment Federation

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Downtown Water Main Hydraulic and Capacity Evaluation St. Petersburg, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

QA/QC reviewer for the hydraulic modeling analysis of the St. Petersburg downtown area existing hydraulic model to evaluate hydraulic issues, capacity restrictions, and consolidation of parallel mains. The model was used to determine proposed improvements and impacts the improvements will have on the water quality and fire flow.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Capacity, Management, Operations, and Maintenance (CMOM) Update Lakeland, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Technical advisor and QA/QC reviewer to an update of the City's 2006 CMOM program, sanitary sewer overflow (SSO) response plan, air release valve (ARV) program outline, and associated meetings and workshops. The purpose of the update is to enable the City to better manage, operate, and maintain collections systems, investigate the capacity constrained areas of the collection system, proactively prevent SSOs, and respond to SSO events.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Gravity Main Condition Assessment – Phase I New Port Richey, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Client services manager for the performance of a condition assessment and analysis for 800 linear feet of 20-inch and 24-inch ductile iron gravity main. The exterior condition and wall thickness were determined for each of the three gravity mains utilizing non-destructive testing technology. A technical memorandum was issued summarizing the results of the testing and analysis and provided recommendations for corrections.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Sanitary Sewer Overflow Legal Consulting Maui, Wailuku, HI	1998	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Project manager and lead negotiator for settlement of lawsuits brought by both the USEPA, Region 9 and the State of Hawaii against Maui County for sanitary sewer overflows. USEPA and the State sought $39 million dollars in injunctive relief. Negotiations lasted six weeks and resulted in the County paying a $300,000 civil penalty and construction of a $600,000 Supplemental Environment Project (SEP).

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Director of Utilities Dubuque, IA	1985	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Director of Utilities for the City responsible for the management and administration of the wastewater and water divisions of the City. Capital budget for the utilities represented 16% of the entire City's capital budget and the operating budget for the utilities represented 24% of the City's operating budget.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Glenn Dunkelberger, PE, BCEE	Water Treatment Facilities Task Manager	48	15

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MS, Environmental Engineering BS, Civil Engineering Post Grad, DIP Water Technology and Desalination	Professional Engineer – FL No. 38310

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Diplomate, American Academy of Environmental Engineers; Chartered Engineer, National Council of Examiners for Engineering and Surveying; Chi Epsilon, Civil Engineers Honorary; American Water Works Association; American Society of Civil Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Brackish Reverse Osmosis (RO) Water Treatment Plant #2 & Transmission Mains, Clearwater, FL	2015	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Engineer-of-record for the design of the City's new 6.25-mgd RO WTP #2, $30M construction cost. The objectives of the project were to conserve water, produce high water quality from brackish and fresh ground water, and design a state-of-the-art RO facility. The design of the plant incorporated two treatment trains.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Central Regional Utility Service Area Water Production Facility (WPF) and System Improvements, Polk County, FL	2019	2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Engineer-of-record for the pilot process testing, design, construct, and start-up the CRUSA WPF. This greenfield plant design includes ozonation for sulfide removal, granular activated carbon adsorption of TOC removal, post chemical treatment and finished water storage/high service pumping.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Delwood Super Station Design-Build Hillsborough County, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

General QA/QC oversight and technical/process review of shop drawing submissions for this design-build project involving the design and construction of a 10-mgd dual wet well, triplex diversion pump station, and demolition and repurposing of the existing Dale Mabry WWTP.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Lift Station 18 Force Main and Melbourne Causeway Water Main Construction Services, Melbourne, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

QA/QC manager for the construction administration assistance provided to the City for LS18 and the replacement of an aging water main. Tasks included review of submittals, attendance at progress meetings, providing overall technical assistance, and preparing record documents.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Morris Bridge Pump Station Water Improvements Tampa, FL	2020	2020

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

QA/QC for the preliminary design, design, and bidding assistance for improvements for a 5-mgd booster pump station, replacement of the ground storage tank inlet flow meter and control valve, replacement of several high-service pump valves and actuators, yard piping modifications, a 42-inch butterfly valve with motorized actuator, electrical/SCADA upgrades, and a 4,000 ampere rated switchboard.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE a. TOTAL	14. YEARS EXPERIENCE b. WITH CURRENT FIRM
James Hagerty, PE	Wastewater Treatment Facilities Task Manager	35	3

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
ME, Civil Engineering BS, Civil Engineering	Professional Engineer – FL No. 43969

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION *(if applicable)*
Delwood Super Station Design-Build Hillsborough County, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Technical advisor for this design-build project involving the design and construction of a 10-mgd dual wet well, triplex diversion pump station, and demolition and repurposing of the existing Dale Mabry WWTP. The project included the design and construction of a reclaimed water low profile cascade aerator and dechlorination for surface water discharge to Brushy Creek, 3,000-scfm odor control unit, six submersible pumps, dual wet well, cascade aerator, chemical feed system, site layout, and hydraulic analysis.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION *(if applicable)*
South Water Reclamation Facility Influent Pump Station and Upgrades Phase 2, Orange County, FL	2017	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Lead design engineer for the expansion of the SWRF influent pumping capacity to meet the Phase V peak flow needs with six pumps installed, and to make provisions for future maximum plan peak flow needs of 216-mgd. Reiss provided the final design, bidding and construction administration services of a new influent pump station (IPS) with dual self-cleaning wet wells and space for up to eight 31-mgd pumps.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION *(if applicable)*
Westport Wastewater Treatment Facility Expansion Port St. Lucie, FL	2020	2020

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Lead design engineer for the preliminary engineering, permitting, final design, bidding, and construction services for expanding the Westport WWTF to meet the future treatment needs of the Westport service area. This scope is based on an anticipated future treatment to meet the following capacities: 10.71-mgd AADF, 12.00-mgd maximum month average day capacity, and 15.85-mgd peak day capacity.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION *(if applicable)*
Beardstown Sanitary District (BSD) Treatment Plant Expansion Phase 2, Beardstown, IL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Directed the design and bidding of an advance treatment plant for BSD that is designed to treat 8-mgd per day capacity to meet the CSO discharge requirements. The plant effluent treatment includes total nitrogen to below 8 mg/l and total phosphorus of 1.0 mg/l. One of the project challenges was to select a process that would fit in the limited area available for the plant expansion. The selected treatment process is the vertical loop reactor with integrated, sequential anoxic and aeration zones.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION *(if applicable)*
Oldham County Environmental Authority Capital Program Oldham County, KY	2016	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Program manager for OCEA's $30 million program to eliminate nine package wastewater treatment plants and comply with a Division of Water (DOW), Agreed Order. Responsible for the planning, design, and construction of the program capital projects. Completed the construction of a $14M Phase 1 program that included a new SBR treatment plant, two pump stations, and associated force main systems.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
J. Richard Voorhees, PE, BCEE	Senior Project Engineer	45	3

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MS, Civil/Environmental Engineering BS, Civil Engineering	Professional Engineer – FL No. 25385

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Engineers; Water Environment Federation; American Water Works Association; Florida Select Society of Sanitary Sludge Shovelers; Life Member, Chi Epsilon, Civil Engineering Honorary Fraternity

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Reclaimed Ground Storage Tank and Pump Station Haines City, FL	2019	2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Senior project engineer for the preliminary design, hydraulic analysis, final design, permitting, and construction services for a 7.8-mgd transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete ground storage tank, a new 4.5-mgd reclaimed high service pump station with VFDs, an off-site 1.1-mgd booster pump station, yard piping, electrical, instrumentation and controls, and ancillary structures at the Haines City WWTF.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Westport Wastewater Treatment Facility Expansion Port St. Lucie, FL	2022 (Est.)	2022 (Est.)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Senior Engineer/designer for the preliminary engineering, permitting, final design, bidding, and construction services for expanding the Westport WWTF to meet the future treatment needs of the Westport service area. This scope is based on an anticipated future treatment to meet the following capacities: 10.71-mgd annual average day flow, 12.00-mgd maximum month average day capacity, 15.85-mgd peak day capacity.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Pump Station Rehabilitation/Replacement Package 22 Improvements, Orange County, FL	2019	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Senior project engineer for the preliminary design, final design, bidding, public notification, and construction administration services for the rehabilitation of five duplex pump stations. The project included bypass pumping and coordination of work within residential areas with limited space.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
SWRF Pump Station Expansion and Upgrades – Phase 2 Orange County, FL	2020	2020

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Senior project engineer for the expansion of the SWRF influent pumping capacity to meet the Phase V peak flow needs with six pumps installed, and to make provisions for future maximum plan peak flow needs of 216-mgd. Reiss provided the final design, bidding and construction administration services.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Hamlin Groves Trail and Avalon Road Master Pump Stations Orange County, FL	2016	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Senior project engineer for two new pump stations to provide wastewater service to a portion of west Orange County. The dual wet well pump station has five pumps; two 3,000 gpm pumps in one wet well and three 3,000 gpm pumps in the second wet well. The wet well construction was cast-in-place. One standby pump gives the stations a peak design pumping capacity of 12,000 gpm. The project included a perimeter block wall, access driveway, site grading, yard piping, dual wet wells, pumps with variable frequency drive controlled motors, SCADA system, electrical and instrumentation systems, an emergency generator with fuel tank, and an odor control system.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Mark Worsham, PE	Senior Project Engineer	35	15

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Civil Engineering BS, Agricultural Engineering	Professional Engineer – FL No. 63729

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association; American Membrane Technology Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Eustis Wastewater Treatment Plant Expansion Eustis, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mechanical engineer for engineering, funding assistance, permitting, design, bidding, and construction administration services for the 1.0-mgd WWTP expansion including grit removal and dewatering; new wet well with variable speed submersible pumps; treatment process for nutrient removal with internal recycle; aeration system; clarifiers; RAS/WAS pumping system; chlorine contact chambers and effluent transfer pumps; sodium hypochlorite storage and feed system.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Westport Wastewater Treatment Facility Expansion Port St. Lucie, FL	2022 (Est.)	2022 (Est.)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for the preliminary engineering, permitting, final design, bidding, and construction services for expanding the Westport WWTF to meet the future treatment needs of the Westport service area. This scope is based on an anticipated future treatment to meet the following capacities: 10.71-mgd annual average day flow, 12.00-mgd maximum month average day capacity, 15.85-mgd peak day capacity.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Greenwood Lakes Wastewater Treatment Facility Seminole County, FL	2012	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for the expansion of a 3.5-mgd wastewater reclamation facility including design, permitting, bidding, and construction for the rehabilitation of the existing water reclamation facilities, and for construction of new facilities.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Water Reclamation Facility Aeration System Upgrade Casselberry, FL	2015	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for preliminary design, final design, permitting and construction services including, shop drawings response to RFIs and completion notification to FDEP for the design of an aeration system upgrade to increase the efficiency of its aeration system to handle the varying flows experienced by the City's WRF.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Davenport Wastewater Treatment Facility Design Update Davenport, FL	2017	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project and construction manager that provided process and mechanical design for the design update that included the upgrade of the existing WWTF from 0.15-mgd to 0.525-mgd. The new wastewater treatment facility is an Evoqua packaged treatment facility that discharges to existing on-site rapid infiltration basins.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Weston Haggen, PE, DBIA, ENV SP	Utility Distribution and Collections System Task Manager	11	11

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MSE, Civil Engineering BSE, Civil Engineering	Professional Engineer – FL No. 77777; FDOT Certification Temporary Traffic Control No. 41689; NASSCO PACP, MACP & LACP No. 07004925 Envision Sustainability Professional No. 39259

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association; American Society of Civil Engineers; Florida Water Environment Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Program manager for a system-wide potable water and reclaimed water main assessment and replacement program. This program not only includes the conceptual routing, design, permitting, and construction services for pipeline improvements that are in keeping with the big-picture goal of renewing critical infrastructure, but also the assessment and replacement methods to minimize impacts to service and critical roadways.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Delwood Super Station Design-Build Hillsborough County, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager and engineer-of-record for this design-build project involving the design and construction of a 10-mgd dual wet well, triplex diversion pump station, and demolition and repurposing of the Dale Mabry Wastewater Treatment Plant. The design included a 3,000-scfm odor control unit, six submersible pumps, dual wet well, cascade aerator, chemical feed system, site layout, and hydraulic analysis.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Ernie Caldwell Reclaimed Water Main Improvements, Phase 1 Polk County, FL	2019	2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for the design, bidding, and construction phase services for approximately 10,300 linear feet of 20-inch reclaimed water main within the Ernie Caldwell Boulevard (ECB) corridor extending from Posner Center to a future roadway connection with Ridgewood Lakes Phase 2. The project includes stub-outs to future development within the ECB corridor. Reiss is currently working on Phase 2.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Eagle Circle Force Main Replacement Seminole County, FL	2015	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for SSNOCWTA preliminary design, final design, permitting, construction inspection and construction administration services for 8,275 lf of 12-inch HDPE force main consisting of 259 lf of jack-and-bore within a 24-inch steel casing, 5,671 lf of pipe bursting, 1,331 lf of HDD, and 1,014 lf of open cut to replace aging C 200 PVC and cast iron pipe. The project included right-of-way, maintenance-of-traffic, and FDEP permitting.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Seminola Force Main Replacement & Pump Station Relocation Casselberry, FL	2020	2020

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for the design, permitting, and construction of a new triplex master pump station and 4,800 lf of 16-inch wastewater force main. New pump station constructed on existing site, with construction of the new pipeline parallel to 4-lane road, with existing utilities.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Melanie Peckham, PE	Senior Project Engineer	17	9

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Environmental Engineering	Professional Engineer – FL No. 66487

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Civil Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Storey Park/Innovation Place Utility Project Orange County, FL	2019	2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for preliminary design, final design, permitting and construction services for the installation of more than 40,000 linear feet of large-diameter potable water main, reclaimed water main, and force main to address projected future development. The project included environmental considerations, such as wetlands and endangered species. Specific installation methods used were open cut, horizontal directional drill (HDD), and jack-and-bore, including two locations where crossing of railroad right-of-way was required.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Westwood Boulevard 24-inch Water Main Orange County, FL	2017	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for the installation of approximately 6,300 lf of 24-inch water transmission main and the removal of an existing 12-inch water main within the congested Westwood Boulevard ROW from International Drive to Central Florida Parkway. The project included conceptual routing analysis, final design, permitting, public involvement, bidding, and construction administration services.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Normandy Boulevard Reclaimed Water Main Extension Volusia County, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for the design, permitting and construction administration services for the installation of approximately 4,700 linear feet of 12-inch and 16-inch reclaimed water main along Normandy Boulevard, turning east on Graves Avenue and crossing Howland Boulevard. The reclaimed water main was installed using primarily horizontal directional drilling. The project was located within two municipal jurisdictions, Volusia County and City of Deltona and required right-of-way permitting with both agencies.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Orange County Master Pump Station Improvements Orange County, FL	2014	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for the preliminary design, final design, permitting, and construction for improvements to three dual wet-well, sixplex master pump stations. The design included mechanical, electrical, and instrumentation upgrades necessary for the addition of two pumps at each station. The design also included modifications to the existing control building and odor control system piping.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Rehabilitation of Wastewater Lift Stations SE #12 and SW #23 Volusia County, FL	2014	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager/engineer-of-record for preliminary evaluations, including bypass planning, design, bidding, and construction administration, for the rehabilitation of aging and deteriorating components of the pump stations located within a residential neighborhood and adjacent to a school.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Stefano Ceriana, PE, LEED AP	Senior Project Engineer	20	6

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MS, Environmental Engineering BS, Civil Engineering	Professional Engineer – FL No. 66379 NASSCO PACP/MACP/LACP Certification No. 06-12441 FDOT TTC, Intermediate Course, Cert. No. 41174

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

LEED® Accredited Professional; American Water Works Association; Central Florida USGBC

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
South Seminole and North Orange County Wastewater Transmission Authority (SSNOCWTA) Engineering and Operation Services Orange and Seminole Counties, FL	Ongoing	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Client/program manager for SSNOCWTA, which is composed of several local municipalities and counties that form the member entities to regionalize their wastewater treatment and transmission. The SSNOCWTA system consists of 32 pump stations (design capacity of 47-mgd) and major transmission mains (10- to 42-inches in diameter) to meet member entity needs in relationship to transmission of wastewater to a regional WWTP.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Ernie Caldwell Reclaimed Water Main Improvements Polk County, FL	2019	2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for the preliminary and final design, permitting, bidding, and construction administration services to complete a reclaimed water main loop in the Ernie Caldwell Boulevard and US Highway 17/92 corridors.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
East Service Area Potable Water and Reclaimed Water Storage and Repump Facility, Orange County, FL	2016	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for preliminary engineering, design, permitting, bidding, and construction administration for a new storage and repump facility with a 2.5-million-gallon potable water ground storage tank, a 1.5-MG reclaimed water GST, yard piping, a 7,200-gallons-per-minute potable water high-service pump system, a 6,000-gpm reclaimed water high-service pump system, and a sodium hypochlorite storage and feed system.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Potable Water Distribution Quality Improvements and Pipe Bursting CEI Services, Orange City, FL	2019	2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for preliminary design, final design, permitting and construction services including, shop drawings response to RFIs and completion notification to FDEP for the design of an aeration system upgrade to increase the efficiency of its aeration system to handle the varying flows experienced by the City's WRF.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Lift Station #106 Rehabilitation Polk County, FL	2016	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager for the preliminary design, permitting, and final design of the County's 1.7-mgd master wastewater lift station rehabilitation project.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Edward Talton, Jr., PE	Master Planning & Hydraulic Modeling Task Manager	30	20

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MSE, Environmental Engineering BSE, Environmental Engineering	Professional Engineer – FL No. 47023

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association; Water Environment Federation; Hydraulic Surge Modeling Training

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
North Tampa Water Improvements Morris Bridge Pump Station Tampa, FL	2020	2020

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Hydraulic and transient (surge) analyses and preliminary engineering to size and configure modifications to the key Morris Bridge pump station. Developed an innovative concept to boost New Tampa low pressures.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Comprehensive Utility Strategic Master Plan Fort Lauderdale, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project manager to produce a master plan to evaluate the entire utility system and to recommend actions, policies, or code changes necessary to maintain and improve the system's condition, capacity, performance, efficiency, and quality of service, while planning for the future repair and replacement of utility system components. In addition, the master plan shall create a plan and Utilities Vision for improvements to the City's utility system that is in line with the City's major initiatives.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Pasadena Master Pump Station Surge Analysis St. Petersburg, FL	2015	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project manager to perform transient surge analysis for a 25-mgd master wastewater lift station boosting flow from five other master stations.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Potable Water Master Plan Tampa, FL	2012	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project manager for the capacity, rehabilitation and replacement capital project identification and prioritization for the City of Tampa's $800 million, 6-year capital improvement plan. Managed and provided quality control evaluation of the suitability of current impact fees and rates and determined if adjustments to the rates were necessary. Prepared Bond Report to support major bond financing to implement the City's capital plan.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Water Quality Modeling Phase I, Orlando Utilities Commission Orlando, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project manager for this project where the primary objective is to evaluate and update the Orlando Utilities Commission's (OUC's) water quality model to optimize service to customers. An enhanced water quality model will provide OUC Water Production and distribution staff a new dimension in predictive system performance monitoring, performance benchmarking, operations optimization, and regulatory compliance.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Da Yu, PE	Master Planning & Hydraulic Modeling	8	5

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MS, Environmental Engineering BS, Civil and Environmental Engineering	Professional Engineer – FL No. 87958

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Maximo Flow Monitoring, Metering, and Analysis St. Petersburg, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for a pilot study in the Maximo collection area to collect and organize new rainfall and flow data from three of the monitored locations for comparison to the historic data taken prior to the system repairs. Reiss performed flow metering oversight to observe the installation and calibration of flow meters and data monitoring of the flow meters. The data was collected and analyzed to identify trends, identify potential I&I locations, separate potential inflow from infiltration, reflect inches of rainfall per basin, and identify percent reduction of flow.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Sunset Oaks Hydraulic Analysis, Toho Water Authority Kissimmee, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for the hydraulic analysis for a new residential building development's 10-inch water main. Reiss utilized Toho Water Authority's hydraulic model to determine if enough pressure was available for the proposed Sunset Oaks project and to determine what improvements would be necessary to achieve proper pressure and fire flow.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
10-Year Water Supply Facility Work Plan Seminole County, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for a work plan with strategies for providing potable water over the next ten years to its service area customers and a summary of population growth, current and projected potable water demands, existing water supply sources and treatment facilities, current design capacities, permitted withdrawals and planned projects for the ten-year planning period. The work plan provided a sound, phased approach to providing future water supply for the County over the next 10 years including continued water conservation efforts, identification of additional reclaimed water projects in the Northwest, and identification of a need for a Northwest water supply study. The project included an expedited schedule and close coordination to meet the SJRWMD deadline and the County's schedule.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Comprehensive Utility Strategic Master Plan Fort Lauderdale, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer to assist with the production of a master plan to evaluate the entire utility system and to recommend actions, policies, or code changes necessary to maintain and improve the system's condition, capacity, performance, efficiency, and quality of service while planning for the future repair and replacement of utility system components.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Reclaimed Water Master Plan Melbourne, FL	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for the development of a model and report summarizing the calibration effort and technical evaluations of the systems which resulted in projects to support the City of Melbourne in economically maintaining the reclaimed water system and level of reclaimed water services provided to its customers.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Chad Meisel, PE	Master Planning & Hydraulic Modeling	6	5

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Civil Engineering BS, Environmental Engineering	Professional Engineer – FL No. 87437

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Civil Engineers, American Concrete Institute

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Water System Master Plan Update Melbourne, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for this water system master plan update to address the technical issues of utility operations and maintenance, future system growth, current and future water quality regulations, and the City utility department's fiscal plans and limitations to guide the City decision making to maintain and improve dependability, safety, and quality while meeting future demand.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Reclaimed Feasibility Plan Update Ocoee, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for updates to the feasibility and capacity plans for the City of Ocoee's Reclaimed Water Feasibility Plan. The City's primary service area is supplied by internal reclaimed water sources and supplemented with wholesale suppliers when necessary. The North Service Area is supplied solely by OCU's Northwest WRF. This feasibility and capacity update was required to support the expansion of the reclaimed water system and satisfy permit requirements.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
I-4 Water Main Contingency Planning, Orlando Utilities Commission Orlando, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer and hydraulic modeler who assisted with proactively preparing for risk of service disruption due to the I-4 Ultimate Project utilizing OUC's hydraulic-water quality model of its potable water distribution system to evaluate vulnerabilities, develop proactive risk mitigation strategies and prepare preliminary contingency response measures.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Veranno-Cresswind Phase I Model Evaluation Port St. Lucie, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer to develop a model to determine the pipe sizing for the Verano Cresswind development. Pipe sizes ranged from 4- to 12-inch. The 6-inch is the smallest pipe size where lots will contribute to the flow, and was used to calculate how many lots can be constructed in Phase 1 of the Verano Cresswind development. The existing force main sizing of 6-inch, 8-inch and 12-inch did not require up-sizing for phase 1 of the development.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Water Quality Model Verification and Disinfection Byproduct Compliance Action Plan, Orange City, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for the development of a wastewater force main model that was utilized to build various scenarios and perform an analysis to determine capital improvement projects based on a level of service criteria. He also provided a wastewater gravity model that was then utilized to analyze the downtown projected growth in the area. Reiss was selected by the City to produce a master plan to evaluate the entire utility system and to recommend actions, policies, or code changes necessary to maintain and improve the system's condition, capacity, performance, efficiency, and quality of service.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Christophe Robert, PhD, PE	Regulatory Compliance/Permitting	22	18

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
PhD, Environmental Engineering MSE, Chemical Engineering	Professional Engineer – FL No. 77510

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Melbourne Consumptive Use Permit Melbourne, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager to prepare and submit a consumptive use permit (CUP) application package to the St. Johns River Water Management District (SJRWMD). Melbourne was the first municipality granted a 30-year CUP from the SJRWMD. The City uses alternative water sources (brackish groundwater and surface water) to supply water to its customers. The projected water demand is expected to increase in the next 20-30 years, and therefore, there is a need to increase the water supply sources to meet the demand.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Brackish Reverse Osmosis Water Treatment Plant #2 Clearwater, FL	2015	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Process engineer and permitting for the design of the City's new 6.25-mgd RO WTP #2, approx. $30M construction cost. The objectives of the project are to conserve water, produce high water quality from brackish and fresh ground water, and design a state-of-the-art RO facility. Permitting included ACOE.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Reverse Osmosis National Pollutant Discharge Elimination System Concentrate Permitting, Melbourne, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for a permit renewal for discharge of concentrate from a 5.0-mgd groundwater RO WTP to the Eau Gallie River. The project consisted of performing MSSIIT, Toxicity Identification Evaluation, 3D numerical concentrate dilution modeling, an anti-degradation analysis, and investigation of laboratory procedures to meet state regulations.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Ammonia Alternatives Study, Tampa Bay Water Tampa, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Process engineer for the evaluation of alternative ammonia source chemicals for chloramination of wholesale potable water distributed from seven water treatment plants (WTPs) to improve system reliability and worker safety as requested by Tampa Bay Water. This study evaluated alternatives on a cost and non-cost basis for each of the plants and recommended switching from liquid Aqua Ammonia® (ammonium hydroxide) to ammonium sulfate for at least five of the plants, primarily due to worker health and safety, and reduced maintenance at the injection sites.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Harmony Water Quality Evaluation, Toho Water Authority Kissimmee, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager and engineer for the water quality evaluation in the Harmony distribution system. As part of the evaluation, samples were collected in the system for water quality analysis to determine the potential water quality issues and develop recommendations to improve the water quality.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE a. TOTAL	14. YEARS EXPERIENCE b. WITH CURRENT FIRM
Scott Hoxworth, PE	Construction Services	22	17

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Winter Springs, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MS, Environmental Engineering BS, Environmental Engineering	Professional Engineer – FL No. 58643

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Water Environment Federation

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **Storey Park/Innovation Place Utility Project, Orange County, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017; CONSTRUCTION *(if applicable)*: 2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Construction engineer for the preliminary design, final design, permitting, and construction management services for the installation of more than 40,000 lf of large diameter potable water main, reclaimed water main, and force main to address projected future development. The project included environmental considerations such as wetlands and endangered species. Specific installation methods used were open cut, jack-and-bore, and HDD, including two crossings of railroad right-of-way.

b.

(1) TITLE AND LOCATION *(City and State)*: **Delwood Super Station Design-Build, Hillsborough County, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2018; CONSTRUCTION *(if applicable)*: 2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Construction administration for this design-build project of a new 10-mgd dual wet well, triplex diversion pump station, and demolition and repurposing of the existing Dale Mabry WWTP. The project included a reclaimed water low profile cascade aerator and dechlorination for surface water discharge to Brushy Creek, 3,000-scfm odor control unit, six submersible pumps, dual wet well, cascade aerator, chemical feed system, site layout, and hydraulic analysis.

c.

(1) TITLE AND LOCATION *(City and State)*: **Eustis Wastewater Treatment Plant Expansion, Eustis, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2018; CONSTRUCTION *(if applicable)*: 2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Construction administration services for the design and construction of the 1.0-mgd WWTP expansion including the mechanically cleaned screens and compactor; grit removal and dewatering; new wet well with variable speed submersible pumps; treatment process for nutrient removal; aeration system; clarifiers; RAS/WAS pumping system; CC and effluent transfer pumps; sodium hypochlorite storage and feed system; RIB evaluation and third RIB; biosolids holding/decanting and truck loading area; electrical, including a new generator; instrumentation and controls/SCADA; and aeration/blower building.

d.

(1) TITLE AND LOCATION *(City and State)*: **Brackish Reverse Osmosis Water Treatment Plant #2, Clearwater, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2015; CONSTRUCTION *(if applicable)*: 2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for construction administration services to complete the construction of the WTP, remote well facilities, 12-mgd high service pump station, and raw water transmission main projects and associated sub-disciplines to certify the construction to FDEP and sign and seal record drawings.

e.

(1) TITLE AND LOCATION *(City and State)*: **Normandy Boulevard Reclaimed Water Main Extension, Volusia County, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2018; CONSTRUCTION *(if applicable)*: 2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Construction administration for the design, permitting and construction administration of 4,700 lf of 12- and 16-inch reclaimed water main. The reclaimed water main was installed using primarily HDD. The project required right-of-way permitting with both Volusia County and City of Deltona.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Emily Williamson, EI	Project Engineer	6	2

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BSE, Civil Engineering	Engineering Intern- FL No. 1100021263

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Pump Station Regulatory Evaluation Pinellas County, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for the evaluation of all County owned and maintained pump stations and the documentation of regulatory compliance at all 299 pump stations. The project included the facilitation of workshops and site visits to gather missing data. The results were summarized in a technical memorandum along with recommended improvements necessary to bring each pump station into compliance.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Wastewater and Reclaimed Water Pressure Pipe Assessment Program Largo, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer supporting the assessment of the City's pressurized pipes. Responsibilities included coordination of inspection subcontractors, supervision of subcontractors during inspection work, and analyzing data to identify locations which may require additional inspection using different technologies to supply more information at high points or potential defects.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Collection System Pump Station 357 and Force Main Improvements Pinellas County, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for the professional services associated with conducting an analysis to determine the most effective and efficient means of modifying an existing wastewater pump station to incorporate an engine-driven pump, to update the station to current County standards and improve performance.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Seminola Master Lift Station Relocation Casselberry, FL	2020	2020

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for the evaluation and design of a proposed lift station to meet current and future demands. Two primary layouts were provided as options to the City for the relocation of the lift station. The design included the following improvements: Conversion of the existing wet well to an influent manhole; new triplex lift station with submersible pumps, wet well and access hatches; new discharge piping; above grade piping and valves; new electrical controls; and location for future odor control equipment.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Pinellas County Lansbrook Subdivision Sanitary Sewer Evaluation Tarpon Springs, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for identifying and categorizing the condition of 600 existing sanitary sewer gravity mains using existing CCTV inspection video. Included recording material, size, and condition of gravity main using NASSCO PACP identification to indicate areas requiring updated inspections videos, identifying pipes with defects requiring immediate repair, and prioritizing infrastructure for future repair based on condition and material. Additional work also included identifying missing or incorrect data in the Pinellas County geodatabase.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Pamela Kerns, EI	Project Engineer	9	3

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Environmental Engineering	Engineer-in-Training- PA No. 49950

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

OSHA, Confined Space and Fall Protection Training

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Lift Station Evaluations Pinellas County, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project engineer for the evaluation of all County owned and maintained pump stations and the documentation of regulatory compliance at all 297 pump stations. The project included the facilitation of workshops and site visits to gather missing data. The results were summarized in a technical memorandum along with recommended improvements necessary to bring each pump station into compliance.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Delwood Super Station Design-Build Hillsborough County, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project engineer for this design-build project involving the design and construction of a 10-mgd dual wet well, triplex diversion pump station, and demolition and repurposing of the existing Dale Mabry Wastewater Treatment Plant (WWTP) as part of the overall Northwest Consolidation Project. The project also included an electrical building, AFDs, generator, and Godwin pumps.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Force Main Condition Assessment Keystone Ave to Klosterman Rd E Pinellas County, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project engineer for the assessment and evaluation of the 30,525 linear feet of 30-inch ductile iron force main which conveys wastewater in North Pinellas County to the WE Dunn Water Reclamation Facility. The assessment included determining the profile of the force main using existing data and comparing to new survey, ground penetrating radar, and subsurface utility engineering data. Further evaluation included visual assessment and thickness measurements at strategic points on the pipe using ultrasonic thickness testing. Assessment ultimately identified deteriorating areas and recommended repair, replacement, or further testing.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Collection System Pump Station 357 & Force Main Improvements Pinellas County, FL	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Project engineer for the professional services associated with conducting an analysis to determine the most effective and efficient means of modifying an existing wastewater pump station to incorporate an engine-driven pump, to update the station to current County standards and improve performance.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Front Street Sewage Pumping Station Upgrades, Capital Region Water Harrisburg, PA	2016	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☐ Check if project performed with current firm

Project engineer for the $11 million replacement of pumps, bar screens, screenings conveyance, controls and associated improvements to the electrical, HVAC, and building systems to meet applicable codes. Responsible for design development of the wastewater collection, conveyance, and compaction systems, including equipment evaluation and comparison of different technologies for coarse screens, conveyors, and compactors. She performed the valves and actuators selection and assisted with the cost estimates.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE a. TOTAL	14. YEARS EXPERIENCE b. WITH CURRENT FIRM
Tyler Brenfleck, EI	Project Engineer	3	1

15. FIRM NAME AND LOCATION *(City and State)*

Reiss Engineering, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Civil Engineering	Engineering Intern- FL No. 1100022380

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Water Works Association, Florida Stormwater Association, Florida Water Environmental Association

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	(2) YEAR COMPLETED CONSTRUCTION *(if applicable)*
Property Wide Utility Modeling Project Lake Buena Vista, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer to support the property wide hydraulic modeling efforts for a private client. The project included the development of potable water system, stormwater collection system, and sanitary sewer system models inclusive of all assets, current, and future projects, in order to identify capacity restricted areas (pipe and inlet capacity) within the systems as well as opportunities for future growth and enhancements to the system.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	(2) YEAR COMPLETED CONSTRUCTION *(if applicable)*
Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for a five year system-wide potable water and reclaimed water main assessment and replacement program. This program not only includes the conceptual routing, design, permitting, and construction services for pipeline improvements that are in keeping with the big-picture goal of renewing critical infrastructure, but also the assessment and replacement methods to minimize impacts to service and critical roadways.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	(2) YEAR COMPLETED CONSTRUCTION *(if applicable)*
Gravity Main Condition Assessment – Phase I New Port Richey, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer for the performance of a condition assessment and analysis for 800 linear feet of 20-inch and 24-inch ductile iron gravity main. A technical memorandum was issued summarizing the results of the testing and analysis and provided recommendations for corrections.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	(2) YEAR COMPLETED CONSTRUCTION *(if applicable)*
Air Release Valve Program Capital Improvement Plan, South Seminole and North Orange County Wastewater Transmission Authority (SSNOCWTA), Seminole and Orange County, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer to assist with the review of the existing cleaning, maintenance, and replacement history of the 100 air release valves (ARVs) in the SSNOCWTA wastewater collection system. The evaluation included the review of ARV data, sizing, location, odor control requirements, and ultimately prioritized the repair and replacement projects based on remaining useful life and prior experience with the Authorities' ARVs. Based on the results of the facility evaluation, an ARV capital improvement plan was developed with costs to support the ARV upgrades and decision making.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	(2) YEAR COMPLETED CONSTRUCTION *(if applicable)*
Wekiva Priority Focus Area Septic Tank Remediation Plan and Wastewater Treatment Feasibility Analysis, Seminole County, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project engineer to assist with the preparation of a remediation plan consisting of a septic system inventory; assessment of existing wastewater capacity and infrastructure as well as potential infrastructure upgrade and expansion options; and evaluation of cost-effective project solutions, financing alternatives, and potential rate-payer and homeowner impacts. The Seminole County Remediation Plan is limited to the unincorporated Seminole County portion of the Priority Focus Area (PFA) as defined by the Wekiva BMAP.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
John Sobczak, PE	Structural Engineer	14	3

15. FIRM NAME AND LOCATION *(City and State)*

Wekiva Engineering, LLC- Winter Park, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MS, Structural Engineering BS, Mechanical Engineering	Professional Engineer - FL No. 71407

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Civil Engineers, American Concrete Institute

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Eustis Eastern WWTP Expansion **Eustis, FL**	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Structural engineer-of-record for the facility expansion to increase the capacity from 0.3 MGD to 1.3 MGD. The expansion included a of myriad new cast-in-place concrete structures such as an influent screening structure, 100ft diameter process basin, 60ft diameter clarifier, and a chlorine contact chamber with transfer pump station. Other miscellaneous structures included a pre-engineered aluminum chemical storage canopy, single-story masonry electrical building and various site piping supports along with steel access stairs and platforms.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Lynwood Water Treatment Plant Major Upgrades **Seminole County, FL**	2015	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Structural engineer-of-record for the upgrades which included a new single-story masonry electrical building, a single-story masonry well house, miscellaneous chemical storage canopy, and an emergency generator foundation and access platforms.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Logan Booster Pump Station Modifications Project **Pinellas County, FL**	2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Structural engineer-of-record for the expansion which included two approximately 3,800 ft single story masonry buildings accommodating pumps and electrical equipment. The buildings included integrally colored stucco with parapets at the top of the walls to match the surrounding existing structures. The design also included a bridge crane within the pump room.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
City of Sarasota WRF Headworks and Filter Improvements **Sarasota, FL**	2020	2020

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Structural engineer for the design of new cast-in-place concrete channels adjacent to the existing headworks. These new channels contained a new bar screen and a bypass screen. The additional structure was founded on a mat slab which was supported by helical piles. Modifications to the existing filters were also performed which were designed to accommodate a new filtration process. This required removal of interior walls, new openings, and other structures.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Hilton Road Water Repump Station Replacement **Coconut Creek, FL**	2020	2021 (Est.)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Structural engineer-of-record for the design, which included a new 1,400 SF single-story masonry building accommodating new pumps and electrical equipment, chemical storage canopy, storage canopy, and various pipe and equipment supports.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Willard "Pete" Hoanshelt, PE	Electrical/Instrumentation & Controls Engineer	45	29

15. FIRM NAME AND LOCATION *(City and State)*

EMI Consulting Specialties, Inc.- Groveland, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Electrical Engineering	Professional Engineer - FL No. 42593

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*

Delwood Super Station Design-Build
Hillsborough County

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2018	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Electrical and instrumentation and controls engineer for this design-build project involving the design and construction of a 10-mgd dual wet well, triplex diversion pump station. This project included the power and distribution of normal and emergency power to the large master pump station with motor, lighting and miscellaneous loads. This project included two engine driven pumps.

b.

(1) TITLE AND LOCATION *(City and State)*

Lynwood Water Treatment Plant Major Upgrades
Seminole County, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2015	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Electrical and instrumentation and controls engineer for the design of an electrical and paralleling generator system for a water treatment facility. The project included the design of a programmable logic controller-based control system to implement automatic pumping. The control system included interfacing with the County Motorola ACE, SCADA system, analytical, flow metering and level monitoring.

c.

(1) TITLE AND LOCATION *(City and State)*

Greenwood Lakes Wastewater Treatment Plant Rehabilitation
Seminole County, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2012	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Electrical and instrumentation and controls engineer for this project that included the expansion of the existing power and distribution of normal and emergency power to the wastewater facility motor, lighting and miscellaneous loads. Also responsible for expanding the existing computer based data acquisition with programmable controllers and monitoring system design with field analytical and process instrumentation.

d.

(1) TITLE AND LOCATION *(City and State)*

Casselberry GAC System
Casselberry, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2015	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Electrical and instrumentation and controls engineer for this project that included the power and distribution of normal and emergency power to the water treatment facility with motor, lighting and miscellaneous loads. Also, responsible for the computer-based data acquisition and monitoring system design with field analytical and process instrumentation including interfacing with the existing telemetry systems.

e.

(1) TITLE AND LOCATION *(City and State)*

Northwest Regional WWTF Headworks Improvements
Polk County, FL

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2021 (Est.)	2021 (Est.)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Electrical and instrumentation and controls engineer for this 3.0 MGD headworks improvement project for continued long term use and operation. Responsibilities included site investigation, field analytical, power and control system modifications, grit structure updates, review and process shop drawings, and as-builts.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Joe DiStefano, PE	Geotechnical Engineer	40	2

15. FIRM NAME AND LOCATION *(City and State)*

Tierra, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Electrical Engineering	Professional Engineer - FL No. 31939

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Highway Engineers, American Society of Civil Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
City of St. Petersburg Force Main Improvements **St. Petersburg, FL**	2013	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Geotechnical project manager for this project that included subsurface investigations (11 SPT borings), laboratory testing and geotechnical recommendations to support the design of 5,500LF of 30-inch force main. The new 30-inch wastewater force main eventually connected to the headworks at the SWWRF facility located off 54th Avenue South in Pinellas County.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
City of St. Petersburg Biosolids and Waste to Energy Facility **St. Petersburg, FL**	2013	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Geotechnical project manager for this project that included SPT borings, laboratory testing and geotechnical recommendations for this new proposed facility which included a new digester building, batch tanks, odor control structure, wet well, primary sludge pump station, two 100' diameter clarifier tanks, splitter box, new ferric chloride facility pad and miscellaneous equipment pads. Foundation recommendations included both shallow and deep (auger cast piles) systems.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Cosme Water Treatment Plant Improvements **St. Petersburg, FL**	2007	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Geotechnical project manager for subsurface investigations and associated recommendations for two new 800,000 gallon tanks, a new 250,000 gallon tank, an elevated walkway and miscellaneous site piping for the existing water treatment facility.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Donut Pond Pump Station and Off-Site Pipeline **Tampa, FL**	2015	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Geotechnical project manager for subsurface investigations and associated recommendations for a new storm water pump station and associated off-site pipelines. The project included extensive geophysical investigations to assist with determining the final pump station site. Also provided materials testing of concrete during the construction phase of this project.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
CIAC Water Transmission Main Improvements **Tampa, FL**	2014	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Geotechnical project manager for this project that consisted of a new pipeline (36-inch and 42-inch) for the City of Tampa. The project included approximately 65,000 linear feet of water pipeline through the City including numerous trenchless crossings across major intersections and the Hillsborough River.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Michael Patterson, PSM	Surveyor	19	3

15. FIRM NAME AND LOCATION *(City and State)*

ECHO UTILITY ENGINEERING & SURVEY ECHO UES, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Surveying	Professional Surveyor - FL No. 6560

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Surveying and Mapping Society

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
PSTA Bus Rapid Transit System St. Petersburg, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Patterson was in a project surveyor role providing surveying services for the Pinellas Suncoast Transit Authority (PSTA). Services provided under this contract included the topographic and utility survey for 35 proposed bus stations.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
City of Largo Wastewater Reclamation Facility Design-Build Improvements, Largo, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Patterson was in a project surveyor role providing surveying services for the City of Largo. Services provided under this contract included the surveying of underground utilities for 16 locations within the project site.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
22nd Street Improvements St. Petersburg, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Patterson was in a project surveyor role providing surveying services for the City of St. Petersburg. Services provided under this contract included the surveying of underground utilities within the project limits.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Miscellaneous Surveying Services St. Petersburg, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

As a sub-consultant, Mr. Patterson was in a project surveyor role providing surveying services for the City of St. Petersburg. Services provided under this continuous services contract included individual task work orders for topographic surveying and surveying of underground utilities required of each task.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
North Take Off, US 19 Frontage Road St. Petersburg, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Patterson was in a project surveyor role providing surveying services for the City of St. Petersburg. Services provided under this contract included topographic surveying and surveying of underground utilities services within the project limits.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jason Stanley	Subsurface Utility Engineer	20	3

15. FIRM NAME AND LOCATION *(City and State)*

ECHO UTILITY ENGINEERING & SURVEY ECHO UES, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
AS, Design Technology	Florida Department of Environmental Protection, Erosion and Sedimentation Control, No. 435

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Engineering Society; American Society of Civil Engineers; American Society of Highway Engineers; American Council of Engineering Companies; Society of Hispanic Professional Engineers

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
W.E. Dunn Water Reclamation Facility Electrical Improvements St. Petersburg, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Stanley was in a SUE project management and client relationship role providing subsurface utility engineering (SUE) and topographic survey services for the W.E. Dunn Water Reclamation Facility. Services provided under this contract included the designating and locating of underground utilities utilizing surface geophysical instruments and vacuum excavation for a 7-acre site.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
North Pinellas County Force Main Assessment St. Petersburg, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Stanley provided subsurface utility engineering services for the assessment of an existing force main owned and operated by Pinellas County and located on the west right-of-way of East Lake Road. The services were requested to confirm the location of the force main at regular intervals along approximately 25,000 feet of route; the information was used to update the County's GIS map and perform condition assessments.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
22nd Street Improvements St. Petersburg, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Stanley provided SUE project management services for the designating (CI/ASCE 38-02 Quality Level B) and locating (CI/ASCE 38-02 Quality Level A) of subsurface utility engineering and supporting survey services to map the horizontal and vertical position of underground utilities to support the engineer of record efforts associated with the final design and completion of final construction documents for the City of St. Petersburg.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Miscellaneous SUE Services St. Petersburg, FL	2018	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

As a sub-consultant, Mr. Stanley provided SUE project management services for the designating (CI/ASCE 38-02 Quality Level B) and locating (CI/ASCE 38-02 Quality Level A) of subsurface utility engineering and supporting survey services to map the horizontal and vertical position of underground utilities to support the engineer of record efforts associated with the final design and completion of final construction documents for the City of St. Petersburg.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
SRQ Jet Blast Deflector Project at Sarasota Bradenton Int. Airport Sarasota, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Mr. Stanley provided SUE project management services for Sarasota Bradenton International Airport. Services included the design and construction of the extension of the existing jet blast deflector which included extending approx. 600 linear feet of new blast fence, relocation of existing fence, utility relocation, and landscaping/architectural aesthetic improvements.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Nancy Scott	Environmental	24	15

15. FIRM NAME AND LOCATION *(City and State)*

Earth Resources Consulting Scientists, Inc.- Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Biology SWFWMD Wetland Assessment Procedure Training	FWC Authorized Gopher Tortoise Agent, GTA-09-0027F FDEP Certified Stormwater and Erosion Control Inspector

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Project Development & Environmental Manual Training, FDOT; Hydric Soils Workshop, University of Florida

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
River Oaks Diversion Design-Build Hillsborough County, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Principal scientist for this on-going project consisting of decommissioning of the River Oaks AWWTF, the design of a new pump station, a new wastewater force main between the River Oaks headworks and the new pump station, a new wastewater force main from the new pump station to the Northwest Regional WRF, the relocation of the River Oaks effluent outfall to a new site. Ms. Scott is responsible for wetland delineation, preparing the HCEPC, FDEP and Corps permit applications, performing protected species surveys, gopher tortoise permitting and relocations.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
North Palm River Water Expansion Design-Build Hillsborough County, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Principal scientist for this project that included design, permitting, and construction of approximately 8.5 miles of 6-inch and 8-inch diameter water mains in County rights-of-way along residential streets throughout the project area. Ms. Scott was responsible for delineating the wetland and surface water boundaries, preparing the applications for the FDEP, HCEPC and Corps, conducting a protected species assessment and preparing a habitat assessment memo.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Harbour Island Force Main Replacement Tampa, FL	Ongoing	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Principal scientist for the Harbour Island force main that conveys wastewater from the Krause Street pumping station to the Howard F. Curren AWWTP. This on-going project involves the replacement of approximately 8,910 linear feet of the existing pipeline. Ms. Scott is overseeing the field data collection including wetland delineations and protected species and habitat evaluations. She is also responsible for local, state and federal environmental permitting.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
South County Water Repump Station Water Transmission Main to 19th Avenue, Hillsborough County, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Senior scientist for this project that consisted of conducting a route analysis, design and permitting of a proposed water transmission main to connect the South County Water Repump Station to the existing water transmission main on 19th Avenue east of Interstate 75, and provide a connection point on 19th Avenue west of Interstate 75 for a future project. Phase I of the project consists of preparing an environmental assessment of the proposed alternative transmission main routes to evaluate potential wetland and environmental impacts.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
City of St. Petersburg Compressed Natural Gas Fueling Station St. Petersburg, FL	2015	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Ms. Scott served as the principal scientist to perform a habitat assessment and wetland delineations for a compressed natural gas (CNG) fueling station for the City of St. Petersburg that would serve the primary function of fueling sanitation trucks and secondary function of fueling other fleet vehicles and potentially provide public access fueling.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
James Guida, PG	Geology/Hydrogeology	35	13

15. FIRM NAME AND LOCATION *(City and State)*

Progressive Water Resources, LLC- Sarasota, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Geology	Professional Geologist - FL No. PG1339

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: **PRMRWSA - 2020 Integrated Regional Water Supply Plan Lakewood Ranch, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2020; CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

The Peace River Manasota Regional Water Supply Authority (PRMRWSA) is a regional water supply authority that serves four counties in southwest Florida (Charlotte, DeSoto, Sarasota and Manatee). Project manager took a lead role in developing several key elements of the Authority's 2020 Integrated Regional Water Supply Plan (IRWSP) Update included 20-year demand projections; water conservation; regional facilities update; identification of potential future alternative water supply sources; identification of future sources of drinking water supply; and evaluation of opportunities to utilize reclaimed water. PWR performed a similar role in the Authority's 2008 IRWSP and 2015 IRWSP.

b.

(1) TITLE AND LOCATION *(City and State)*: **PRMRWSA - 50-year Water Use Permit Desoto County, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2019; CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager to assist the PRMRWSA in developing and submitting a WUP Application and successfully securing a 50-year WUP for withdrawals from the Peace River and ASR wells in DeSoto County, Florida. The 50-year permit is among the first in the entire state, and authorizes an annual average supply of 80 MGD and maximum daily withdrawals of up to 258 MGD, to be withdrawn consistent with Peace River MFLs, for supply to the region.

c.

(1) TITLE AND LOCATION *(City and State)*: **Braden River Utilities (BRU) – Reclaimed Water Aquifer Storage and Recovery Feasibility Evaluation and Permitting, Bradenton, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager. BRU has contracts to receive up to 19 MGD of reclaimed water but to date has relied on surface facilities for storage. PWR undertook preliminary feasibility investigation to determine whether reclaimed water aquifer storage and recovery (ASR) has the potential to provide wet weather storage. PWR confirmed ASR is conceptually feasible and assembled a team to complete ASR system design and develop permit applications to the FDEP.

d.

(1) TITLE AND LOCATION *(City and State)*: **Schroeder-Manatee Ranch – Water Supply Planning, Strategy Development, and 20-year Renewal and Modification of Water Use Permit, Lakewood Ranch, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016; CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager and oversaw application coordination, development and submittal; and wellfield management for water supply planning, water supply strategy development, and regulatory support services for traditional and alternative water supply sources for Schroeder Manatee Ranch, Inc.

e.

(1) TITLE AND LOCATION *(City and State)*: **Groundwater Feasibility Evaluation Punta Gorda, FL**

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2009; CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager to provide an update to the City of Punta Gorda's 2009 Water Supply Master Plan as it pertains to the feasibility of developing a conjunctive groundwater supply to supplement the City's existing Shell Creek supply source. Efforts included a comprehensive assessment of hydrogeologic data and literature for both the IAS and FAS; identification of water production, water quality, water level, and aquifer confinement characteristics; and modeling.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS PROJECT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
David J. Brown, PG	Geology/Hydrogeology	37	13

15. FIRM NAME AND LOCATION *(City and State)*

Progressive Water Resources, LLC- Sarasota, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS, Geology	Professional Geologist - FL No. PG566

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
SWFWMD – F.A.R.M.S. Expansions in the Most Impacted Area Tampa, FL	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager to increase participation in the FARMS Program by growers located within the most impacted area (MIA) of the Southern Water Use Caution Area (SWUCA). Increased participation in the FARMS Program has been identified as one method of working toward achieving the SWFWMD's SWUCA (MFL) Recovery Strategy and Saltwater Intrusion Minimum Aquifer Level (SWIMAL) goals by the year 2025.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
SWFWMD – F.A.R.M.S. Groundwater Offset Calculator and Best Management Practices Guidelines, Tampa, FL	2010	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager and developed a method to quantify and track the amount of water offset or water saved when compared to the quantity of water saved before the AWS or irrigation management equipment was placed in use. Scope of work included developing and estimating groundwater offsets and water conservation and efficiency Best Management Practices criteria in support of the Facilitating Agricultural Resource Management Systems (FARMS) program.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
SWFWMD – Silver Springs Groundwater Modeling Peer Review and Technical Advisory Committee, Brooksville, FL	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Technical Advisory Committee and the peer review panel to provide expert testimonial, non-testimonial, and related hydrogeologic consulting services to the SWFWMD's Office of General Counsel in relation to evaluation of groundwater pumping impacts upon Silver Springs. PWR assisted with peer review of the groundwater flow model simulations and various data analyses to determine whether each is scientifically and technically reasonable and can simulate the impacts of groundwater pumping on Silver Springs' flow.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Mosaic Fertilizer – Integrated Water Use Permit (IWUP) Renewal Lithia, FL	2012	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Technical team member for hydrogeologic and groundwater water modeling services to support the renewal of Mosaic's Integrated Water Use Permit (IWUP). PWR's efforts led to identification of the need to refine modeling parameters in the area of interest to better predict withdrawal impacts based on the identification of erroneous aquifer parameters in the SWFWMD's District-Wide Regulation Model Version 2.0.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Cutrale Farms, Inc. – Permitting, Hydrogeologic and Hydrologic Services, Highlands County, FL	2017	N/A

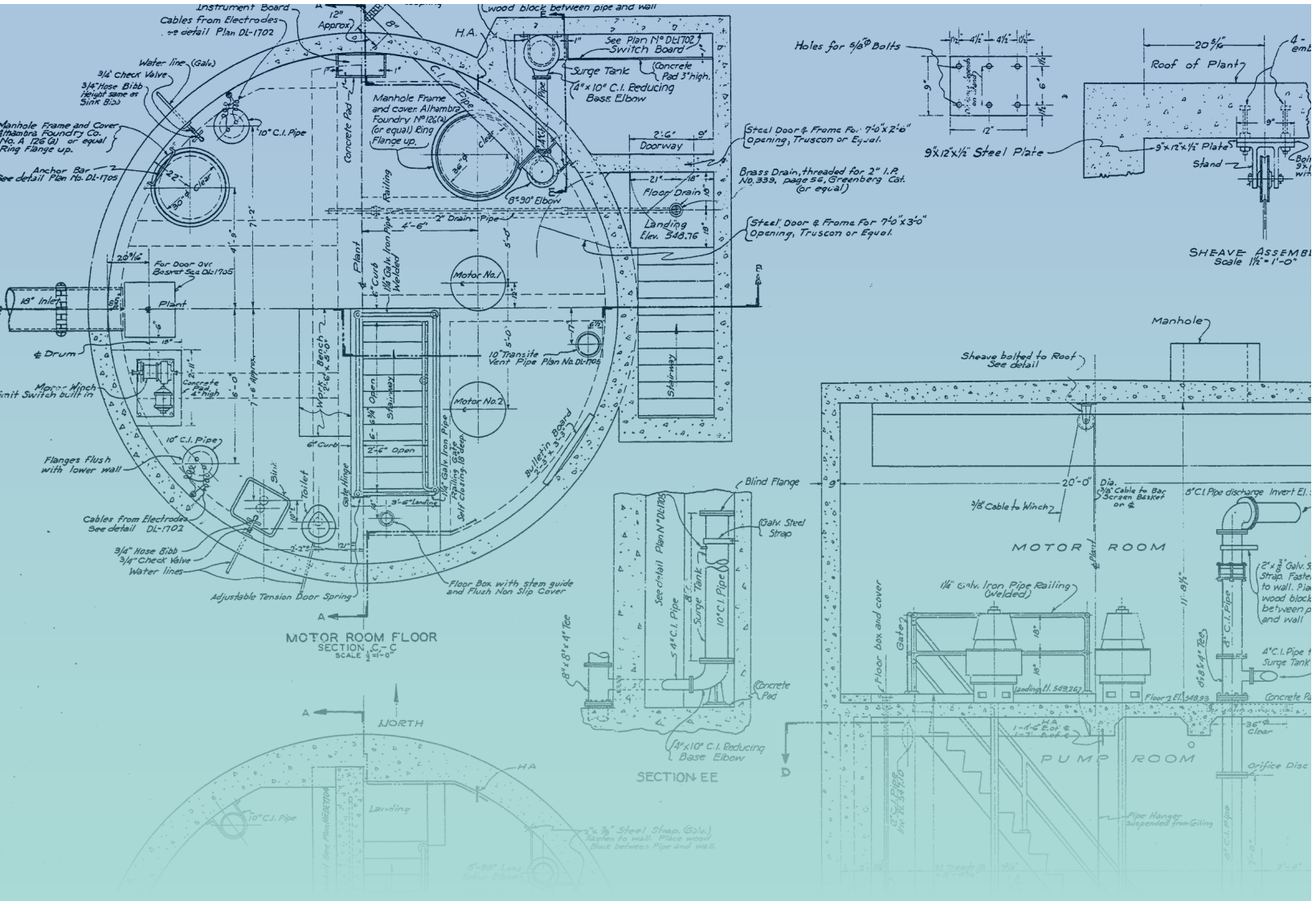
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project manager to assist a large-scale citrus grower in the planning, design, permitting, and redevelopment of large-scale agricultural properties (combined project area of over 10,000 acres) in Highlands County. The project involved one of the largest well construction and groundwater redevelopment projects in Florida, design of a conjunctive stormwater/surface water supply system, and requisite Environmental Resource Permitting (ERP) and Water Use Permitting (WUP).

TAB 4

TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY IN SIMILAR PROJECTS/ PROGRAMS

- SF330 Section F: Examples Projects
- SF330 Section G: Key Personnel Participation in Example Projects



REISS ENGINEERING

TAB 4. TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY IN SIMILAR PROJECTS/PROGRAMS

HISTORY OF PROJECT TEAM ON SIMILAR PROJECTS

The project team we have assembled has a proven record of success on utility infrastructure projects throughout central and west-central Florida. Each of the key team members and sub-consultants have worked together in the execution and delivery of projects in the past, and many of them have pertinent, recent experience on projects for local municipalities.

Section G includes a sampling of recent, pertinent project experience, and also demonstrates the working relationship we have with these sub-consultants. Although not all of the sub-consultants included in this statement of qualifications were involved in the representative projects, our project team does have work experience with each and every sub-consultant we are proposing. For instance, Nancy Scott (Earth Resources) has worked with project manager, Allen Dethloff on several utility projects, providing ecological surveys and technical memoranda with respect to engendered species habitat, wetland delineations, and such.

Mr. Dethloff (and several other members of the project team) are currently working on numerous Haines City projects, including a feasibility study for a new rapid infiltration basin (RIB), and various evaluations related to the identification and development of alternative wet weather disposal options for wastewater treatment plant effluent. The RIB feasibility study also includes a detailed analysis (groundwater monitoring and modeling) to establish the likelihood of a new RIB facilitating recharge of the Florida aquifer and impacting water levels in nearby Lake Eva (in hopes that the RIB will help to relieve minimum flow and level concerns). Several other members of our proposed project team are also involved in these Haines City projects, including James Hagerty, Rich Voorhees, Scott Hoxworth, John Sobczak (Wekiva Engineering) and Pete Hoanshelt (EMI). Joe DiStefano has provided geotechnical engineering services on several of Reiss' recent projects while at his previous company, including the Delwood Super Station Design-Build project.

FACILITATING MULTI-DISCIPLINE PROJECTS

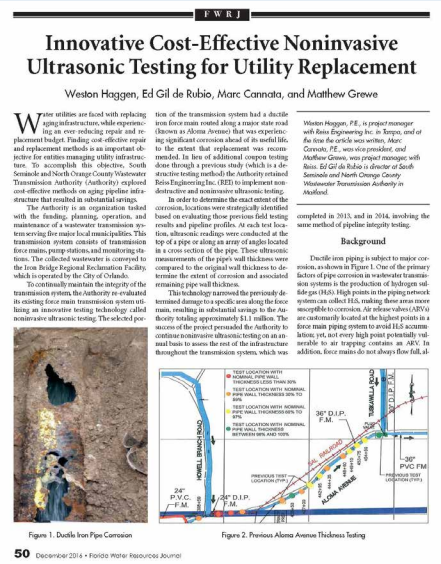
The Reiss team members have coordinated complex, multidisciplinary design teams on numerous local projects and have extensive experience facilitating workshops and executing projects with multiple disciplines and stakeholders. The Reiss team is currently executing numerous multi-discipline projects across Central Florida including the Westport Wastewater Facility Expansion for the City of Port St. Lucie, the Reclaimed Water System Improvements for Haines City, and the Tampa Bay Water Hillsborough In-line Booster Station. The project team proposed herein has been developed to place the most knowledgeable and experienced members in the optimum position. With Reiss, North Port is assured of a cohesive and experienced team that can implement the most challenging engineering projects.

RELATED FLORIDA MUNICIPAL UTILITY WORK

The table on the following page is a sample of some of our clients in Florida where we have provided similar work that is expected under this contract.

As a firm focused on water/wastewater professional engineering services in Florida, 94% of our business is comprised of public agencies.

INNOVATIVE COST-EFFECTIVE SOLUTIONS FOR UTILITY REPLACEMENT



FWRJ

Innovative Cost-Effective Noninvasive Ultrasonic Testing for Utility Replacement

Weston Haggen, Ed Gil de Rubio, Marc Cannata, and Matthew Grewe

Water utilities are faced with replacing aging infrastructure, while experiencing an ever-reducing repair and replacement budget. Finding cost-effective repair and replacement methods is an important objective for entities managing utility infrastructure. To accomplish this objective, South Seminole and North Orange County Wastewater Transmission Authority (Authority) explored cost-effective methods on aging pipeline infrastructure that resulted in substantial savings.

The Authority is an organization tasked with the funding, planning, operation, and maintenance of a wastewater transmission system serving five major local municipalities. This transmission system consists of transmission force mains, pump stations, and monitoring stations. The collected wastewater is conveyed to the Iron Bridge Regional Reclamation Facility, which is operated by the City of Orlando.

To continually maintain the integrity of the transmission system, the Authority re-evaluated its existing force main transmission system utilizing an innovative testing technology called noninvasive ultrasonic testing. The selected portion of the transmission system had a ductile iron force main routed along a major state road (known as Aloma Avenue) that was experiencing significant corrosion ahead of its useful life, to the extent that replacement was recommended. In lieu of additional coupon testing done through a previous study (which is a destructive testing method) the Authority retained Reiss Engineering Inc., (REI) to implement non-destructive and noninvasive ultrasonic testing.

In order to determine the exact extent of the corrosion, locations were strategically identified based on evaluating those previous field testing results and pipeline profiles. At each test location, ultrasonic readings were conducted at the top of a pipe or along an array of angles located in a cross section of the pipe. These ultrasonic measurements of the pipe's wall thickness were compared to the original wall thickness to determine the extent of corrosion and associated remaining pipe wall thickness.

This technology narrowed the previously determined damage to a specific area along the force main, resulting in substantial savings to the Authority totaling approximately $1.1 million. The success of the project persuaded the Authority to continue noninvasive ultrasonic testing on an annual basis to assess the rest of the infrastructure throughout the transmission system, which was completed in 2013, and in 2014, involving the same method of pipeline integrity testing.

Weston Haggen, P.E., is project manager with Reiss Engineering Inc. in Tampa, and at the time the article was written, Marc Cannata, P.E., was vice president, and Matthew Grewe, was project manager, with Reiss. Ed Gil de Rubio is director of South Seminole and North Orange County Wastewater Transmission Authority in Maitland.

Background

Ductile iron piping is subject to major corrosion, as shown in Figure 1. One of the primary factors of pipe corrosion in wastewater transmission systems is the production of hydrogen sulfide gas (H_2S). High points in the piping network system can collect H_2S, making these areas more susceptible to corrosion. Air release valves (ARVs) are customarily located at the highest points in a force main piping system to avoid H_2S accumulation; yet, not every high point potentially vulnerable to air trapping contains an ARV. In addition, force mains do not always flow full, al-

Figure 1. Ductile Iron Pipe Corrosion

Figure 2. Previous Aloma Avenue Thickness Testing

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Working in conjunction with municipal utility staff and leaders, Reiss has successfully implemented solutions to numerous challenges on complex projects. Specifically, utilizing tools such as 3D CAD design which allows City engineers to better visualize what the facilities will look like before the final designs are completed.

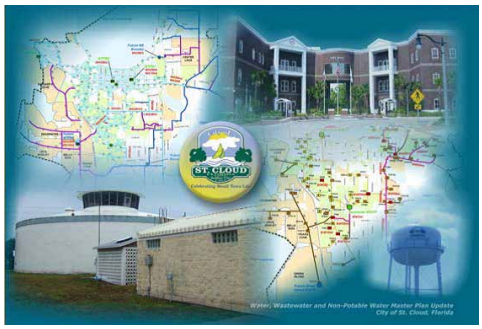
Reiss has a long history of providing innovative cost-effective solutions to our client's issues and we would be excited to have the opportunity to bring these capabilities to the City for this contact.

Client	Design/Construction			Permitting	Master Planning/ Modeling
	Water Treatment	Wastewater Treatment	Pipeline/ Pump Station		
Brevard County	●		●	●	●
City of Altamonte		●	●	●	●
City of Apopka		●	●	●	●
City of Casselberry	●	●	●	●	●
City of Clearwater	●	●	●	●	●
City of Clermont		●		●	
City of Cocoa			●	●	●
City of Coconut Creek			●	●	●
City of Davenport		●	●	●	●
City of Fort Lauderdale	●	●	●		●
City of Haines City		●	●	●	●
City of Lakeland	●	●		●	●
City of Largo		●	●		●
City of Melbourne	●	●	●	●	●
City of Mt. Dora			●		
City of Ocoee	●	●	●	●	●
City of Orange City			●	●	●
City of Orlando		●	●	●	●
City of Ormond Beach	●			●	
City of Oviedo	●	●	●	●	
City of New Port Richey	●	●	●	●	●
City of Port St. Lucie	●	●	●	●	●
City of Sanford	X		●		●
City of St. Augustine	●	●	●	●	●
City of St. Cloud	●	●	●	●	●
City of St. Petersburg	●	●	●	●	●
City of Tampa	●		●	●	●
City of Titusville	●		●	●	
City of Vero Beach	●	●		●	●
City of Winter Garden		●	●		●
City of Winter Haven	●	●	●	●	●
Orange County Utilities	●	●	●	●	●
Orlando Utilities Commission	●		●		●
Pinellas County	●	●	●	●	●
Polk County	●	●	●	●	●
Seminole County	●	●	●	●	●
Seminole Tribe of Florida	●	●	●	●	
SSNOCWTA		●	●	●	●
Tampa Bay Water	●		●	●	●
Volusia County	●		●	●	●

A DEPTH OF EXPERIENCE AND SKILLED STAFF

Delivery of the types of projects you may require under this contract is best served with firms that provide a broad array of capabilities. Reiss does just that. Unlike other firms, water-related infrastructure is the primary focus of Reiss. North Port will benefit from Reiss' best practices and commitment to the level of quality that you expect. This includes a diverse portfolio of project managers experienced in working for Florida municipalities, including Allen Dethloff, Bart Jones, Glenn Dunkelberger, Jim Hagerty, Weston Haggen, and Ed Talton.

- **LOCAL AND REGIONAL MASTER PLANNING/HYDRAULIC MODELING.** Reiss is well known for water supply planning and hydraulic modeling. As industry experts, we have served as technical advisors for many communities, helping plan their future system needs. Our master planning/hydraulic modeling discipline lead, Ed Talton, PE, led the award-winning Cypress Lake Potable Water Transmission, Optimization, and Interconnection Project for the Water Cooperative of Central Florida and the City of Fort Lauderdale's Comprehensive Utility Master Plan, highlighted in our submittal.



Reiss provided the City of St. Cloud with comprehensive utility-wide master planning to help plan for the future, maintain the level of service to their customers, and ensure they do so in a cost-effective manner.

- **WASTEWATER TREATMENT FACILITIES.** Reiss maintains a deep bench of wastewater treatment design personnel. For example, Reiss staff member, Jim Hagerty, PE, is our design lead for the 6 MGD expansion of the City of Port St. Lucie's Westport WWTF, and will be available to provide expert technical input for any wastewater assignment executed under this contract. With the growth the City is experiencing, the depth of our wastewater team can be brought to bear where and when needed.

Reiss designed numerous upgrades to Seminole County's Greenwood Lakes WRF and associated facilities. These operational improvements contributed to Seminole County's receipt of the 2014 Earl B. Phelps Award for Outstanding Wastewater Treatment Operations in Florida.

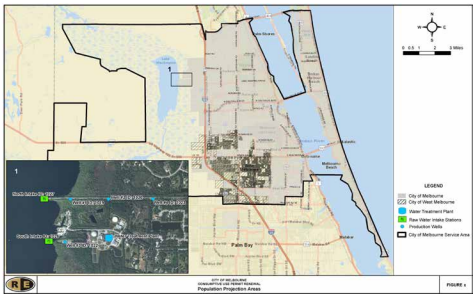
- **INFILTRATION & INFLOW PROGRAMS.** Critical to utilities throughout Florida, we have extensive experience in I&I programs. We own flow monitoring and smoke testing equipment, perform flow monitoring and smoke testing, complete complex gravity/force main hydraulic modeling, and have helped communities including Pinellas County and the cities of St. Petersburg, Largo, Altamonte Springs, Melbourne, and Titusville, among others.

- **WATER TREATMENT FACILITIES.** Reiss was founded on the membrane expertise of Dr. Reiss, we offer advanced water treatment facility services including repair and rehabilitation for aging facilities or upgrades to help comply with the ever more stringent regulatory standards. Reiss recently served as the design engineer for the CRUSA WTF as well as Seminole County's combined $65M in upgrades to three of it's four water treatment plants, adding ozone and GAC for DBP compliance.
- **PIPELINE INFRASTRUCTURE.** From non-destructive condition assessments of existing force mains to microtunnelling, to directional drilling techniques, we know pipe. Notable projects include the City of Melbourne's Pineda Causeway which includes 32,900 linear feet of 24-inch, subaqueous, directional drill/open cut water main, Orange County's Storey Park Place with over 40,000 lf of water, reclaimed water and force main pipe ranging from 12-36-inch in diameter, and South Seminole and North Orange County Wastewater Transmission Authority's SR 426 (Aloma Avenue) 42-inch Force Main Replacement.

The City of Melbourne's Pineda Causeway Water Main project has a one-mile subaqueous crossing to loop the barrier islands with the mainland and increase water pressure and replace aging infrastructure.

- **PERMITTING.** Beyond design capabilities is the need for specialized permitting and regulatory compliance skill sets. Reiss has assisted in complex NPDES permitting (e.g. Tampa Bay Water Desal I NDPES concentrate

discharge permit), DPB regulatory compliance projects, and wastewater operating permit renewals. We recently assisted the City of Melbourne in obtaining a 30-year CUP. We know the regulators and how to represent you.



Reiss assisted the City of Melbourne to prepare and submit a consumptive use permit (CUP) application package to the SJRWMD to continue to meet the City's rising water demand in the next 20 to 30 years. As a result of these efforts, the City of Melbourne was the first public water supplier to be awarded a 30-year CUP from SJRWMD.

- HYDROGEOLOGIC SERVICES. With the design, permitting, and construction expertise of Reiss, along with our sub-consultant hydrogeologist parter, Polk County Utilities now has the deepest ASR well in the world, serving as an important asset to the NWRWWTF. The Reiss team is prepared to serve you in this area. ***Our team partner, PWR task leaders, while working for SWFWMD, worked on the City of North Port's WUP and helped the West Villages predecessors plan and design for groundwater supplies (i.e. future City brackish groundwater wellfield) in the West Villages Development area. The Reiss team is prepared to serve you in this area.***

- GIS/DATA MANAGEMENT. A Geographic Information System (GIS) is a powerful tool used by utilities to efficiently manage the maintenance and condition of infrastructure and facilities. The benefits of GIS are significant, and can increase the efficiency of utility's staff operations and decision making abilities. Having access to real-time system information saves utility staff time, improving the speed and accuracy of influential project decisions. Reiss is fully capable of assisting clients in the implementation and utilization of GIS systems to improve efficiency and manage utility programs. The Reiss team includes experts in the GIS field, supported by knowledgeable staff with direct experience in applying GIS technology to real-world utility projects. From general asset management, to specific hydraulic modeling integration applications, Reiss' staff has successfully met challenges of GIS implementation issues and developed tools that help our clients manage complex systems more effectively.

PROJECT EXPERIENCE

Reiss has provided some relevant project examples in the following SF330, Section F, demonstrating a range of services outlined in the scope of services in the RFP. ***The table on the following page showcases our 10 projects and the relevancy to your scope.*** At the end of this section, we have provided Section G of the SF330 to demonstrate our team's history of working together on these example projects.

Project Highlight

DELWOOD SUPER STATION DESIGN-BUILD HILLSBOROUGH COUNTY, FL

This new dual 10-MGD triplex submersible pump station design-build project includes an innovative approach to a submersible pump station which capitalizes on the available dynamic head of the incoming force mains, originally terminating to the Dale Mabry AWTF's above grade headworks. The final design concept was based on six 5-MGD pumps, each VFD-driven, offering full wet well redundancy with three pumps in each wet well. Each wet well has its own backup diesel pump and an odor control unit backed up with a generator to provide an additional level of redundancy for this pump station. A low profile cascade aerator was sized to handle a max flow of 10-MGD to offer the county maximum flexibility with their reclaim water discharge.

Reiss provided the innovative design solution where the wet wells are partially submerged and partially above ground, saving the County significant operations and maintenance costs long-term as well as the immediate capital costs resulting from lower horsepower pumps and simplified construction (reduced excavation and dewatering). This design approach also minimized impacts to the upstream lift stations and force main systems.

Allen Dethloff and Glenn Dunkelberger assisting with the start-up of the pump station.

	Project	Services																	
		Civil	Structural	Mechanical	Electrical/I&C	Environmental	Geotechnical	Surveying	Program Management	Water Treatment	Wastewater Treatment	Water Distribution	Wastewater Coll/Transmission	Construction Management/CEI	Hydrogeology	Planning/Modeling	Permitting	Cost Estimating	Value Engineering
1	**Pinellas County Continuing Engineering Services,** Pinellas County, FL	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
2	**Orlando Utilities Commission Water Quality Modeling, Phases I & II,** Orange County, FL								●	●		●				●		●	●
3	**Comprehensive Utility Strategic Master Plan** Fort Lauderdale, FL	●	●	●	●	●	●			●	●	●	●	●	●	●		●	
4	**Water and Reclaimed Water Program Management,** Clearwater, FL	●	●	●	●	●	●	●				●		●		●	●	●	●
5	**SSNOCWTA Program Management**, Seminole & Orange County, FL	●	●	●	●	●	●	●					●	●		●	●	●	●
6	**Westport Wastewater Treatment Facility Expansion,** Port St. Lucie, FL	●	●	●	●	●	●			●			●	●		●	●	●	●
7	**CRUSA Water Production Facility and System Improvements,** Polk County, FL	●	●	●	●	●	●	●		●		●		●	●	●	●	●	●
8	**NWRUSA WWTF Aquifer Storage And Recovery Facility,** Polk County, FL		●	●	●	●								●	●	●	●	●	●
9	**Ernie Caldwell Reclaimed Water Main Improvements – Phase 1,** Polk County, FL	●			●	●	●				●			●		●	●	●	●
10	**Wekiva Septic Tank Remediation Plan,** Seminole County, FL				●	●							●			●		●	●

Project Highlight

RECLAIMED WATER GROUND STORAGE TANK AND PUMP STATION, HAINES CITY, FL

In order to maximize the beneficial use of the reclaimed water system and eliminate algae, debris, and wildlife contamination from the percolation/ storage pond, the City of Haines City needed to modify the existing reclaimed distribution pump system to prevent the need to re-treat water that is currently stored in an on-site pond. Poor reclaimed water quality caused two of the City's largest reclaimed water customers to discontinue their use. Reiss provided the preliminary design, hydraulic analysis, final design, permitting, and construction administration services for the construction of a 7.8-mgd transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete ground storage tank, a new 4.5-mgd reclaimed high service pump station with VFDs, an off-site 1.1-mgd booster pump station, yard piping, electrical, instrumentation and controls, and ancillary structures at the Haines City wastewater treatment facility. **As part of this project, Reiss assisted the City with obtaining 75% cost-share funding from the Southwest Florida Water Management District.**

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)	20. EXAMPLE PROJECT KEY NUMBER
	1

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Pinellas County Continuing Engineering Services **Pinellas County, FL**	Ongoing	Ongoing

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Pinellas County Utilities 14 S. Fort Harrison Avenue, 6th Floor Clearwater, FL 33756	Thomas Menke, PE	(727) 453-3611 tmenke@pinellascounty.org

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Pinellas County supplies more than 900,000 residents and visitors potable drinking water. The Keller Water Treatment Facility is a major component of the County's water supply and is responsible for the treatment and distribution of approximately 50-55 million gallons per day (MGD) of potable water. The majority of the County's wastewater is collected and treated by a regional wastewater system. The County operates two of the largest wastewater treatment (or water reclamation) facilities, serving the most customers in the County. The County maintains over 1,458 miles of sewer line, maintains and operates over 289 pump stations, and there are over 22,297 manholes in the collection system. ***Reiss has completed numerous projects under this ongoing five year continuing contract. Some projects and programs under this contract include:***

FORCE MAINS

Penn Ave. to Dunn WRF FM Condition Assessment | 14,365 linear feet of 20-inch to 42-inch force main was inspected internally and externally to determine the condition of a trunk wastewater transmission main, following a major break on the force main from trapped hydrogen sulfide.

FM ARV Assessment-Keystone Rd. to Klosterman Rd. E | 30,525 linear feet of 30-inch force main and air release valves were inspected externally to determine the condition of a trunk wastewater transmission main, as part of a proactive force main inspection program initiated by the County.

Force Main and ARV Replacements along Keystone Rd. to Klosterman Rd. E. | Design and replacement of two critical 30-inch force main sections with thin pipe wall section based on prior assessments. Design and up-sizing of seven air release valves along the County's 30-inch force main.

PUMP STATIONS

Collection System Pump Station 357 and Force Main Improvements | Complete rehabilitation of an existing wastewater pump station, while keeping the facility in operation. Project also included modeling and reconfiguration of the existing force main.

Pump Station Regulatory Evaluation | Evaluated the requirements of Rule 62-604.400 F.A.C., developed a spreadsheet-based checklist to document the compliance of 297 County owned pump stations, completed site visits to verify compliance where needed, and summarized all findings in a technical memorandum.

WATER TREATMENT

Keller WTF and Regional Blend Site Ammonia Conversion Plan | Evaluate ammonia source chemical conversion by addressing key factors of reliability, safety, and cost for two (2) ammonia sulfate systems at the Keller WTF. A desktop and bench scale pilot were performed and recommendations were provided to ensure that the County's water quality and corrosion goals are maintained with the conversion.

FLOW MONITORING

Sanitary Sewer Flow Monitoring - Zone 16 (Gulfport) | Implemented flow, rain, groundwater level and salinity monitoring in the Gulfport Zone to evaluate the influent of infiltration and inflow (I&I). 71-inch diameter 15.6 miles of gravity mains was monitored for a 6-month period. The monitoring data was summarized to prioritize the basins and make recommendations.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Tampa, FL	Prime
b.	EMI Consulting Specialties, Inc.	Groveland, FL	Electrical/Instrumentation & Controls
c.	ECHO UES, Inc.	Tampa, FL	Survey & SUE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **2**

21. TITLE AND LOCATION (City and State)

Orlando Utilities Commission Water Quality Modeling, Phases I & II
Orange County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
2019	N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Orlando Utilities Commission 6113 Pershing Ave Orlando, FL 32822	Brad Jewell, PE, Director- Water Production	(407) 434-4213 bjewell@ouc.com

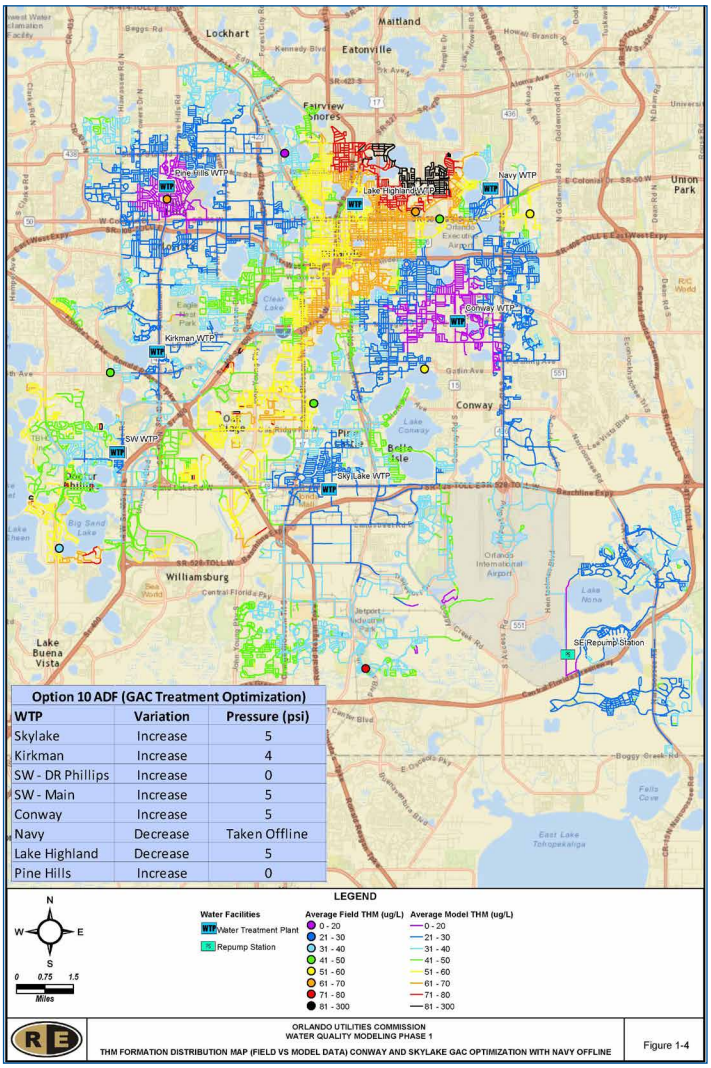
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Orlando Utilities Commission (OUC) staff historically developed and maintained their potable water hydraulic and water quality models. An enhanced water quality model was developed by Reiss to provide OUC water production and distribution staff a new dimension in predictive system performance monitoring, performance benchmarking, operations optimization and regulatory compliance. The primary objective of this project was to evaluate and update OUC's water quality model to optimize service to OUC customers.

OUC's hydraulic model encompasses the entire OUC service area. This service area includes separate pressure zones and areas where supply water mixes in the distribution system. An important consideration to OUC is the natural mixing zones that exist in between the water treatment plants. This project covered the pressure zones and focused on optimizing water quality in the mixing zones.

Under a continuing services contract, Reiss developed a hydraulic model and performed hydraulic verification, water quality calibration, water quality modeling, and distribution system water quality optimization. A desktop computer application was created to enable OUC planning, production, and water quality staff to track historical water quality sampling data and compare model-predicted results. The model is a key tool used by OUC as part of its ongoing disinfection byproducts regulatory compliance strategy. OUC staff input and direction regarding the Phase I results helped to develop a list of tasks to complete in Phase II. The Phase II water quality modeling tasks involved structurally updating, calibrating, evaluating and troubleshooting the hydraulic and water quality model. Phase II of the project also included water quality monitoring for enhanced model calibration and unidirectional flushing pilot testing.

Project Cost: $626,522



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Winter Springs, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **3**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Comprehensive Utility Strategic Master Plan **Fort Lauderdale, FL**	2017	N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Fort Lauderdale 100 N. Andrews Ave. Fort Lauderdale, FL 33301	Paul Berg, ICMA-CM, Deputy Director	(954) 828-5806 pberg@fortlauderdale.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

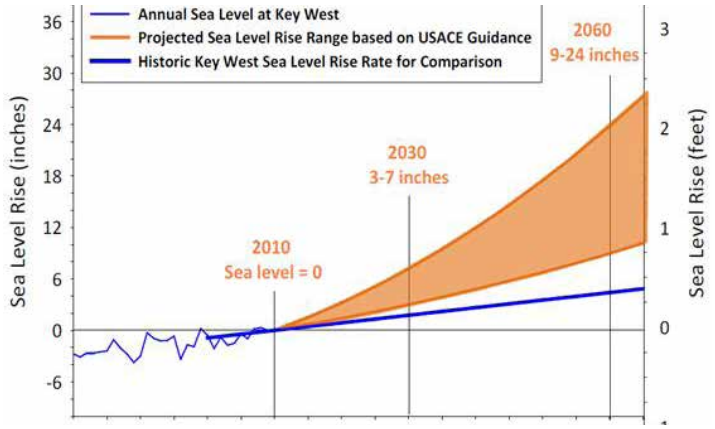
The Comprehensive Utilities Strategic Master Plan (CUSMP) is tied to the City of Fort Lauderdale's strategic planning efforts conceived to schedule improvements necessary to ensure reliable and/or improved service for the next twenty years (2015 to 2035). Additionally, the CUSMP evaluated the normal functions of water supply, water treatment, water high service pumping and distribution, wastewater collection, lift station pumping and wastewater treatment and disposal. The CUSMP also contained evaluations and recommendations of policies, procedures and process improvements to increase energy conservation, monitoring and analysis, water conservation, and evaluations necessary to prepare for climate change and overall recommendations to increase the resiliency of the City's utility infrastructure. Components included:

- Wastewater Collection/Transmission Master Plan
- Water System Master Plan
- 20-Year Capital Improvement Plan (CIP)
- Water, Wastewater Collection/Transmission Hydraulic Models

The project included recommendations to increase energy efficiency and sustainability, as well as analyses regarding climate change and water conservation. In particular, Reiss recommended measures the City can take to address impacts to the wastewater system, including flows in the collection system, due to potential climate change and sea level rise.

Recommendations included the prioritization of rehabilitation projects in order to increase reliability of the conveyance systems and reduce infiltration and inflow (I&I) and flows to the WWTP. This was accomplished through development of new hydraulic models and flow projections to aid in capital project planning, improvements to reduce I&I flows based on pump station and rainfall data, and development of an implementation plan to monitor I&I at key locations.

Project Cost: $1,200,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Winter Springs, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **4**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Water and Reclaimed Water Program Management Clearwater, FL	2025	2025

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Clearwater 100 South Myrtle Ave. #220 Clearwater, FL 33756-5520	Todd Kuhnel, Project Manager	(727) 562-4798 todd.kuhnel@myclearwater.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The City of Clearwater has embarked on a long-term, system-wide potable water and reclaimed water main assessment and replacement program with Reiss. The program not only includes the conceptual routing, design, permitting and construction services for pipeline improvements that are in keeping with the big-picture goal of renewing critical infrastructure, but also the assessment and replacement methods to minimize impacts to service and critical roadways. The City's vision is to complete a program where Reiss will complete studies, design, resident project representative, and construction services for the following projects:

- South Fort Harrison Avenue water mains replacement of 2,500 lf of 6- and 8-inch cast iron pipe
- State Road 60 water main replacement of 10,700 lf of 20-inch concrete pipe
- Drew Street water main replacement of 3,150 lf of 6-inch cast iron pipe
- Spring Creek water main replacement of aerial crossing at Betty Lane
- Memorial Causeway reclaimed water mains replacement of 8-inch cast iron pipe
- Extend 16-inch ductile iron reclaimed water main from Pierce Street to Druid Road
- Loop various dead-end water and reclaimed water lines to enhance water quality
- Various water and reclaimed water main and valve replacements
- Section and oversight of point repair contractor for water and reclaimed water mains
- Analyze data to determine if previous repairs and improvements reduced water loss within the water and reclaimed water systems
- Perform additional hydraulic and water quality modeling
- Complete pipeline assessments to prioritize and determine amount of pipe to replace

The six year program is currently underway, and will replace a significant amount of the City's potable water and reclaimed water piping system.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Tampa, FL	Prime
b.	ECHO UES, Inc.	Tampa, FL	Survey/SUE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **5**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
South Seminole & North Orange County Wastewater Transmission Authority Program Management, Seminole & Orange County, FL	Ongoing	Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
South Seminole & North Orange County Wastewater Transmission Authority 410 Lake Howell Road, Maitland, FL 32751-5907	Ed Gil de Rubio, Executive Director	(407) 628-3419 ssnocwta2@cfl.rr.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The South Seminole & North Orange County Wastewater Transmission Authority (SSNOCWTA) provides funding, planning, operating and maintenance of a wastewater transmission system serving several major municipalities. SSNOCWTA's wastewater transmission system consists of 32 pump stations (design capacity of 47-mgd), more than 37 miles of force mains (6 to 42-inch diameter), and monitoring stations to transmit collected wastewater from the cities of Casselberry, Winter Park, Maitland, and Seminole County to the City of Orlando's Iron Bridge Regional WRF. ***Reiss provides engineering services related to general system condition, operation and maintenance, and engineering services as required for repair and rehabilitation, and capital planning. Services under this ongoing program include:***

PROGRAM MANAGEMENT AND EXTENSION OF STAFF. Reiss completed a multiple year program, which included the replacement of 32,000 liner feet of 6-inch to 36-inch pipe totaling $8.7 million dollars, along with CIP master planning and ongoing condition assessment.

HYDRAULIC MODELING AND CIP. Reiss performs hydraulic evaluations through an advanced hydraulic model and identifies force mains that may be reaching the end of their useful life. Capacity limitations are identified and summarized in master plans with CIPs. Reiss also provides cost estimating and capital project prioritization.

CONTINUING CONTRACTOR SELECTION. Reiss has completed the RFQ documents, advertisement, and selection process for SSNOCWTA's continuing pipeline and pump station contractors. Reiss has completed the process for two selection processes for both continuing contracts which has included term renewals and multiple construction task orders.

CAST IRON AND DUCTILE IRON PIPE TESTING, ANALYSIS AND TESTING PHASE SERVICES. Based on record drawing and historical data, Reiss targeted pipeline areas for inspection. Pipe thickness testing data was compiled and the extent of corrosion identified and assigned a rank. A database with pipe conditions was created and monitored to provide the necessary rehabilitation.

WASTEWATER ENGINEERING AND OPERATIONS SERVICES. Reiss has worked closely with the Authority to provide survey, design, engineering, and construction inspection services for force main repairs and replacements. Reiss also provides engineering services related to general system condition, operation and maintenance, and engineering services as required for valve exercising, replacement and rehabilitation.

CONSTRUCTION ENGINEERING AND INSPECTION (CEI). SSNOCWTA has only one staff member, therefore Reiss provides up to full time CEI and construction management services for all construction projects.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Tampa/Winter Springs, FL	Prime
b.	Wekiva Engineering, LLC	Winter Park, FL	Structural
c.	EMI Consulting Specialties, Inc.	Groveland, FL	Electrical/I&C
d.	ECHO UES, Inc.	Winter Park, FL	Survey/SUE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **6**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Westport Wastewater Treatment Facility Expansion **City of Port St. Lucie, FL**	2022 (Est.)	2022 (Est.)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie 900 SE Ogden Lane Port St. Lucie, FL 34983	Brad Macek, Assistant Utility Systems Director	(772) 873-6412 bmacek@cityofpsl.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Reiss is performing preliminary engineering, permitting, final design, bidding, and construction services for the expansion of the Westport wastewater treatment facility to meet the future treatment needs of the Westport service area in Port St. Lucie. This scope is based on an anticipated future treatment to meet the following capacities, as provided by the City:

- 10.71-mgd Annual Average Day Flow
- 12.00-mgd Maximum Month Average Day Capacity
- 15.85-mgd Peak Day Capacity

The project is being executed in two phases as proposed by Reiss, to immediately address operational issues that have plagued the facility. The first phase of the expansion project includes correcting critical plant process improvements and operational issues. The improvements proposed for this phase of the project include the following:

- IMPROVE FLOW SPLITTING TO CLARIFIERS. A new flow splitter box and associated piping.
- IMPROVE PLANT DRAINAGE SYSTEM AND IN-PLANT PUMP STATION CAPABILITIES. Structure modifications, new drainage system piping and piping modifications, and up to three new in-plant pump stations.
- CHLORINE CONTACT CHAMBER OVERFLOW MODIFICATIONS. Existing piping and structure modifications.
- IN-PLANT REUSE SYSTEM SUPPLY MODIFICATIONS. Chlorine contact chamber structure modifications and associated piping modifications.
- CLARIFIER RAS PIPING FLOW IMPROVEMENTS. Existing pipe cleaning and/or modifications.

Part 2 of the facility expansion includes additional modifications relating to existing plant processes which have been identified as needing improvements in addition to the expansion of the plant by addition of new treatment trains.

Project Cost: $35,040,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Winter Springs, FL	Prime
b.	Wekiva Engineering, LLC	Winter Park, FL	Structural

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **7**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Central Regional Utility Service Area (CRUSA) Water Production Facility and System Improvements, Polk County, FL	2019	2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Polk County Utilities 1011 Jim Keene Blvd. Winter Haven, FL 33880	Tamara Richardson, PE, Utilities Director	(863) 298-4214 tamararichardson@polk-county.net

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

As part of the Water Use Permit (WUP) renewal through the Southwest Florida Water Management District (SWFWMD), the County proposed a consolidation of their five water production facilities into one regional water production facility capable of treating 4-mgd, on a maximum daily basis to supply customers within the CRUSA.

This regional water production facility incorporates advanced water treatment technologies to ensure continued delivery of high quality and regulatory compliant potable water to its customers. The detailed design of the plant included two emergency power generators to improve reliability, high service pumping and GAC units were designed with redundant facilities to meet the projected demands and increase safety. The design accelerated the ozonation specifications and design to allow for early purchase of the ozone equipment to save the County from paying state tax and allow for efficiencies during construction. To provide further flexibility and reduced operating cost, the GAC system was designed to allow an adjustment of flow rate such that a certain portion of the ozonated water can bypass the GAC and be blended directly with the GAC water to meet strict water quality limits without undo cost.

Reiss was engaged to design, construct, and start-up the CRUSA WPF. These services included pilot well assistance, desktop analysis, surveying, and geotechnical engineering services. This scope also included final design, permitting, bidding, and construction phase services for the installation of the two UFA raw water production wells. As part of the preliminary design, Reiss reviewed, revised and completed the calibration of the CRUSA potable water hydraulic model in support of the design efforts.

Project Cost: $22,900,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Winter Springs, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **8**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
NWRUSA WWTF Aquifer Storage and Recovery Facility **Polk County, FL**	2016	2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Polk County Utilities 1011 Jim Keene Blvd. Winter Haven, FL 33880	Tamara Richardson, PE, Utilities Director	(863) 298-4239 tamararichardson@polk-county.net

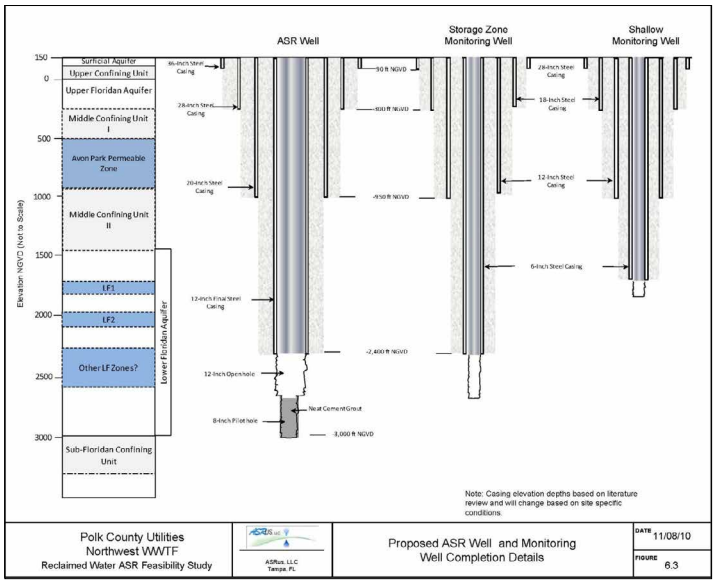
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Polk County Utilities (PCU) Northwest Wastewater Treatment Facility (WWTF) is a 3 MGD three-month rolling average flow (3MRAF) advanced secondary domestic wastewater treatment facility. Plant capacity is limited to 1.5 MGD 3MRAF based on the reuse system permitted capacity. The facility was designed and is operating to utilize public access reuse as its primary effluent disposal option.

As a result of a study entitled "Polk County Utilities Northwest Wastewater Treatment Facility Reclaimed Water ASR Feasibility Evaluation" (ASRus and Reiss, January 2011), it was determined that the storage of reclaimed water in an ASR system injected into the Lower Floridan Aquifer would be feasible in this area of Polk County. The study recommended that PCU proceed with the design, permitting, and construction of an ASR Exploratory Well to a depth of up to 3,000 feet. The purpose of this Exploratory Well would be to confirm the feasibility of the well and assist in the determination of the optimum storage zone for the project.

The Reiss team conducted general project coordination and management activities, including administrative activities for this authorization, as well as coordination with PCU staff and PCU project manager representatives. Reiss provided support to PCU and the contractor in obtaining a well construction permit from SWFWMD to construct the proposed ASR Well and associated monitoring wells, as well as preparing the FDEP Class V Injection Well Construction Permit Application. Reiss completed final design, bidding services, and construction services for the well head facilities by the end of 2016.

Project Cost: $1,058,209



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Winter Springs, FL	Prime
b.	EMI Consulting Specialties, Inc.	Groveland, FL	Electrical/Instrumentation & Controls

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **9**

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Ernie Caldwell Reclaimed Water Main Improvements – Phase 1 **Polk County, FL**	2019	2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Polk County Utilities 1011 Jim Keene Blvd. Winter Haven, FL 33880	Tamara Richardson, PE, Utilities Director	(863) 298-4239 tamararichardson@polk-county.net

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

In 2016, the County completed an update to the Northeast Regional Utility Service Area (NERUSA) reclaimed water master plan that recommended several projects intended to increase the area served by reclaimed water as well as increase reliability by completing a reclaimed water main loop in the Ernie Caldwell Boulevard (ECB) and US Hwy 17/92 corridors.

The Ernie Caldwell Reclaimed Water Main Improvements – Phase 1 consists of approximately 10,300 linear feet of 20-inch diameter reclaimed water main within the ECB corridor extending from Posner Center to a future roadway connection. The project includes stub-outs to future development within the ECB corridor.

Additionally, the project included the future alignment of a 20-inch potable water main and 20-inch to 16-inch wastewater force main that parallels the new 20-inch reclaimed water main in the ECB corridor. The County obtained easements along the south side of the ECB right-of-way where it was feasible to accommodate the alignment of the proposed utilities in this corridor.

Reiss provided the preliminary and final design, permitting, bidding, and construction phase services for approximately 10,300 linear feet of new 20-inch reclaimed water main within the Ernie Caldwell Boulevard (ECB) corridor extending from Posner Center to a future roadway connection with Ridgewood Lakes Phase 2. The project includes stub outs to future development within the ECB corridor. ***Reiss was selected via the CCNA procurement and is currently performing the design and construction services for Phase 2 of the improvements.***

Project Cost: $1,726,179

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Winter Springs, FL	Prime
b.	Wekiva Engineering, LLC	Winter Park, FL	Structural

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **10**

21. TITLE AND LOCATION (City and State)

Wekiva Priority Focus Area Septic Tank Remediation Plan and Wastewater Treatment Feasibility Analysis, Seminole County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
2020	N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Seminole County Environmental Services 500 W. Lake Mary Boulevard Sanford, FL 32773	Paul Zimmerman, PE, Senior Engineer	(407) 665-2040 pzimmerman@seminolecounyfl.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

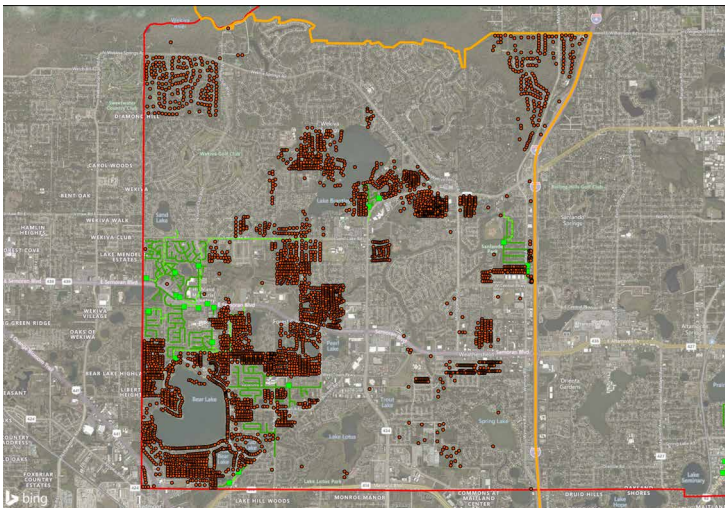
Under the Florida Springs and Aquifer Protection Act, the Florida Department of Environmental Protection (DEP), after engagement with other stakeholders, must adopt septic system remediation plans for outstanding Florida springs where DEP has determined that upgrade or elimination of septic systems is necessary to achieve nutrient water quality objectives. Each septic system remediation plan includes the fundamental actions necessary to achieve water quality objectives within 20 years and the development of a master wastewater treatment feasibility analysis to establish the specific strategies for implementing those actions.

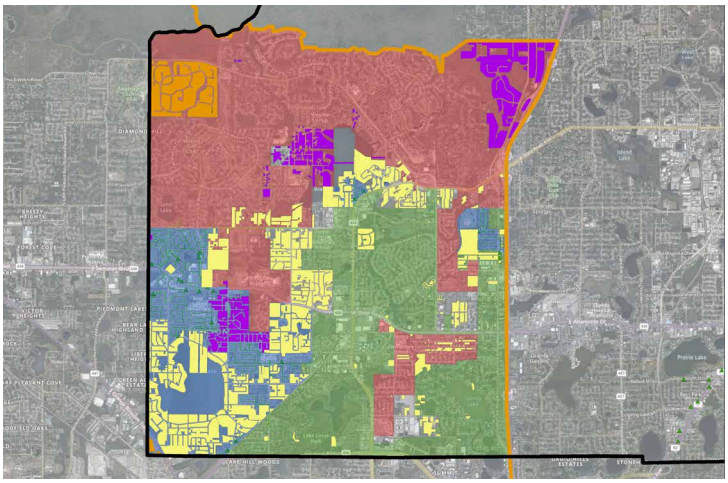
DEP has identified Seminole County as an area where wastewater treatment feasibility analyses will have the most impact because of the number and density of septic systems. DEP has also identified "priority focus areas" within these counties where the nutrient impact of septic systems is most profound.

DEP requires remediation plans to identify "cost-effective and financially feasible projects" to reduce nutrient impacts associated with septic systems. To accelerate development of the information essential to implementing an effective plan, DEP will make grants available to all nine counties identified, including Seminole County, to prepare wastewater treatment feasibility analyses. The document prepared under this grant will position local government wastewater projects for potential financial assistance from DEP's State Revolving Fund (SRF) and other funding sources, such as TMDL and springs cost shares/grants, which gives high priority to Basin Management Action Plan (BMAP) projects.

Reiss prepared a remediation plan that included a septic system inventory; assessment of existing wastewater capacity and infrastructure as well as potential infrastructure upgrade and expansion options; and an evaluation of cost-effective project solutions, financing alternatives, and potential rate-payer and homeowner impacts. The Seminole County Remediation Plan is limited to the unincorporated Seminole County portion of the Priority Focus Area (PFA) as defined by the Wekiva BMAP.

Project Cost: $154,354





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Reiss Engineering, Inc.	Winter Springs, FL	Prime

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

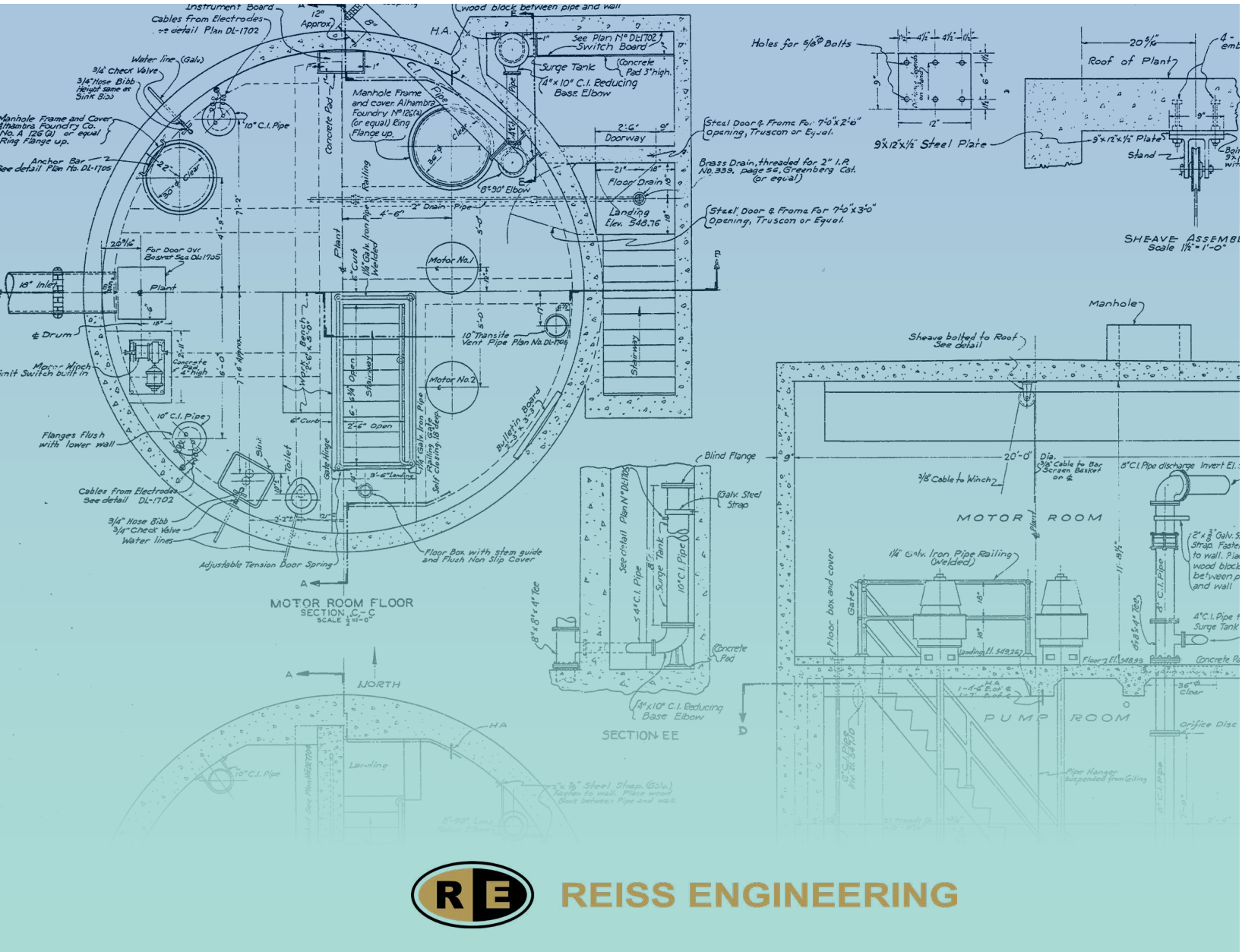
26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Allen Dethloff, PE	Program Director	●			●					●	●
Bart Jones	Client Manager	●			●						
Glenn Dunkelberger, PE, BCEE	Water Treatment Facilities TM		●	●			●	●	●	●	●
James Hagerty, PE	WWTFs TM						●				
Weston Haggen, PE, DBIA, ENV SP	Utility Distribution & Collection TM	●		●	●	●				●	●
J. Richard Voorhees, PE, BCEE	Senior Project Engineer				●	●	●	●			●
Melanie Peckham, PE	Senior Project Engineer			●	●		●	●	●	●	●
Stefano Ceriana, PE, LEED AP	Senior Project Engineer				●	●			●	●	
Edward Talton, Jr., PE	Master Planning & Hydraulic Modeling TM	●	●	●	●	●		●			
Da Yu, PE	Master Planning & Hydraulic Modeling		●	●		●	●	●		●	
Chad Meisel, PE	Master Planning & Hydraulic Modeling	●	●	●		●		●			●
Scott Hoxworth, PE	Construction Services Task Manager	●			●	●	●	●		●	
Christophe Robert, PhD, PE	Regulatory Compliance/Permitting TM	●	●	●		●	●	●	●	●	●
Pamela Kerns, EIT	Project Engineer	●			●	●		●		●	
Emily Williamson, EI	Project Engineer	●			●		●				●
Tyler Brenfleck, EI	Project Engineer	●			●	●					●
John Sobczak, PE	Structural Engineer					●	●				
Willard "Pete" Hoanshelt, PE	Electrical/I&C Engineer	●				●			●		
Joe DiStefano, PE	Geotechnical Engineer										
Michael Patterson, PSM	Surveyor	●			●	●					
Jason Stanley	Subsurface Utilities Engineering (SUE)	●			●	●					
Nancy Scott	Environmental Scientist										
James Guida, PG	Geologist/Hydrogeologist										

29. EXAMPLE PROJECTS KEY

No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	**Pinellas County Continuing Engineering Services** Pinellas County, FL	6	**Westport Wastewater Treatment Facility Expansion** Port St. Lucie, FL
2	**Orlando Utilities Commission Water Quality Modeling, Phases I & II,** Orange County, FL	7	**Central Regional Utility Service Area (CRUSA) Water Production Facility and System Improvements,** Polk County, FL
3	**Comprehensive Utility Strategic Master Plan** Fort Lauderdale, FL	8	**NWRUSA WWTF Aquifer Storage And Recovery Facility** Polk County, FL
4	**Water and Reclaimed Water Program Management** Clearwater, FL	9	**Ernie Caldwell Reclaimed Water Main Improvements – Phase 1,** Polk County, FL
5	**South Seminole & North Orange County Wastewater Transmission Authority Program Management** Seminole & Orange County, FL	10	**Wekiva Priority Focus Area Septic Tank Remediation Plan and Wastewater Treatment Feasibility Analysis,** Seminole County, FL

TAB 5

MANAGEMENT APPROACH/ PROJECT CONTROL



REISS ENGINEERING

TAB 5. MANAGEMENT APPROACH/PROJECT CONTROL

Our approach to delivering high-quality solutions for NPU is based on offering highly qualified and experienced professionals working in collaboration with the NPU staff within a tested and proven project delivery system.

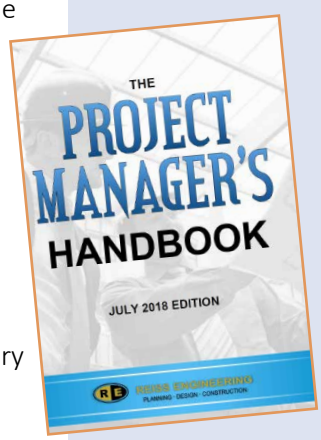
MANAGING YOUR PROJECT

The City of North Port Utilities (NPU) requires support for engineering services to address potable water treatment from a surface water source combined with a Reverse Osmosis (RO) groundwater source at the Myakkahatchee Creek Water Treatment plant. Engineering support may also be required to address issues at the Main Water Reclamation Facility (WRF) and the Southwest WRF that use the MLE secondary process to address conventional pollutants plus nutrients. Additionally, the water transmission, ground storage with booster pumps, and distribution system will require engineering expertise for repairing, replacing and reinforcing the infrastructure while the wastewater collection infrastructure will primarily focus on repair and replacement along with the reduction of infiltration and inflow sources. Since there are many parcels of land in the service area that are now served by wells and septic tanks, engineering expertise is needed for the conversion of septic to sewers.

Grant funds may be available to reduce the capital costs to NPU's rate payers and Reiss brings funding assistance to address this possibility. Reiss' technical and management leadership are committed to meet NPU's goals and objectives in a collaborative manner. Serving as the ***Program Director, Allen Dethloff, PE, will be the primary day-to-day point of contact for the NPU*** and will have responsibility for staying on the "same page" with Utility staff while providing direction and guidance to the project engineers throughout the life of projects assigned under this contract. Allen will be responsible for assigning the right staff for each identified task with the expertise and skill set for the specific assignment. He will be supported by ***Barton Jones, who will serve as the Client (CM).*** In that role, Bart will serve as an additional point-of-contact as well as monitor and confirm with you that Reiss is meeting expectations with regard to scope, schedule, budget, and professional service quality to ensure your overall satisfaction. Reiss has a long history of successful delivery employing this method of a primary project manager point-of-contact backed by periodic check-ins by the CM. This process has proven to be effective and eliminates the potential of your needs not being met due to a single point-of-contact serving as a "bottleneck" as the sole person in a leadership position interfacing with the utility.

REISS UTILIZES PROJECT MANAGEMENT PLANS TO PROVIDE ACCOUNTABILITY

Once a request for service is made, our delivery system kicks in, with the project manager responsible for completing a written Project Management Plan (PMP) for every assignment. Each project opened within Reiss must have a PMP completed and submitted to both our engineering and finance departments before a scope and fee are provided to you. The PMP memorializes, among other information, our understanding of your critical success factors for the project as well as our staff roles and responsibilities, contact protocols, project schedule, contractual obligations, and meetings. Elements of the Reiss PMP are directly used in the monthly reporting requirements that accompany our invoices to you including the schedule updates, permit status, and the project budget (spend) plan.



Every project opened within Reiss must have a PMP completed and submitted to both our engineering and finance department heads before a scope and fee are provided to you.

The management plan serves as Reiss' documented core mission communicated both to NPU and the entire Reiss team. As noted in the

Project Execution

Quality Control section of this submittal, a minimum of 5% of the project fee is assigned for quality control. Our PMP provides tracking of performance throughout the life of the project.

POWERFUL, ENGINEERING INDUSTRY-SPECIFIC PROJECT TRACKING SOFTWARE

Deltek Ajera

Our firm manages project schedules and budgets using Deltek Ajera.

Our firm manages project schedules and budgets using Deltek Ajera, one of the most popular and feature-rich project budget and project management software packages in the engineering industry. Both the contracted schedule and budget in our task order with you is loaded into Ajera at the enrollment of the project, thus setting the mark by which we will evaluate schedule and budget success. Our project managers have access to real-time, detailed information on spend rates, charges made to the project, a comparison of planned versus actual level of project completion, and many other queries and reports to help them manage project work.

All projects are subject to a corporate-level review and reporting on each active project every month by our chief financial officer, which is shared with our engineering managers. Project managers receive a custom report with the information associated with each of the projects they are leading monthly, or bi-weekly for more complex or fast-tracked projects. To better capture issues before they get too far, we perform a weekly review, led by our CFO and attended by our management team, of projects approaching or exceeding budget or schedule limits. We are committed to completing tasks for North Port Utilities on time and within budget.

By example, our typical approach and sequence of work for water, wastewater and reclaimed water related design projects is listed below with highlights of our unique and innovative ideas for improved delivery of service.

Scope Development: The first step will be to meet with City staff to discuss and prioritize the specific goals and objectives of each project. Reiss will provide the appropriate expert and key staff to develop a clear and concise scope for the project with our goal of developing a seamless project team relationship with NPU's project manager and staff. A valuable method employed by Reiss during the scope development phase is to interact with as many of the affected parties as possible to ensure all stakeholders' concerns are considered. The project team (including City staff) should leave the kick-off meeting with clearly defined expectations for the project and understanding of the critical success factors.

Project Kick-Off: Following scope approval, we will continue with our communication theme and conduct a kick-off meeting that will serve as an open forum to discuss the details of the specific assignment, including primary and secondary objectives, review the scope of services, review budgetary and economic limits and options, and confirm project schedules and responsibilities. To ensure all deliverables will be on time every time, all project milestone review meeting dates will be confirmed at the project kick off meeting.

Conceptual Study: Our familiarity with design and construction of municipal utility systems from our extensive previous and ongoing project work will facilitate efficient preliminary designs for your projects. In this phase, we will perform an analysis of existing conditions and quickly evaluate the most practical and cost-efficient methods for your project. Our unique approach at this stage involves City engineering and operations staff to have an open dialogue on our preliminary design ideas and concepts to make sure they are appropriate based on your staff's superior knowledge of your existing systems. We do this before preparing our conceptual design to minimize your staff's time to review and comment on only relevant information and for schedule and budget savings.

Hydraulic Modeling (if needed): Hydraulic and water quality modeling of water, reclaimed water, and wastewater systems provides important information about the condition and hydraulic capacity of an existing system and can help to identify shortfalls with respect to the expected level of service and their causes. This then allows for consideration of future conditions, which may warrant corrective action, including rehabilitation or replacement of equipment, expansion of existing facilities/infrastructure, and construction of new facilities/infrastructure. *Mr. Ed Talton of Reiss is recognized as one of the foremost hydraulic and distribution system water quality modeling consultants in the state. Many clients come to Reiss specifically for this service because of Ed's reputation.*

Permitting Assistance: Reiss has extensive experience working with the relevant permitting organizations such as the FDEP, the FDOT, the SWFWMD, and the USACE.

60%, 90%, and 100% Design: The Reiss team will prepare construction documents (drawings and specifications) in accordance with the City's standards. *Depending on the specific project nature (routine or not), size, and complexity, we sometimes recommend performing only draft and final designs to save time and money.*

Our approach to preparing plans and specifications typically includes:

- Early establishment of client's vision and success factors
- Collection and review of record information for existing facilities impacted by the project

- Obtaining up-to-date plans for development along the corridor to aid in design placement of tees and stub-outs for future connections, hydrants, isolation and air release valves, manholes, clean outs, etc.
- Regular internal design team meetings at a frequency appropriate for the efficiency and effectiveness to the project
- Structured QC reviews at each milestone deliverable that adheres to Reiss' established QC process and minimizes the City's time correcting minor mistakes in our work
- Periodic submittal of milestone deliverables (typically 30%, 60%, 90%, and 100%) when critical decisions need to be made
- Utilization of 3D CADD software to help identify potential conflicts
- Incorporation of the City's standard specifications and details
- Revisiting the corridor for the extension at the 60% design stage, especially in newly developing areas to ensure other new utilities have not been installed in the right-of-way such as fiber-optic cable lines, that were not located or identified on the design drawings
- Identification and incorporation of applicable regulatory requirements, including pre-application meetings prior to 90% design milestone
- Coordination of the City's standard general conditions to ensure appropriate coordination with other sections of the contract documents
- Value engineering reviews by Reiss construction experts

QA/QC: Reiss will provide quality control and constructability reviews in accordance with our QA/QC Plan and in collaboration with NPU's standards. A more detailed look into Reiss' QA/QC efforts at the end of this section tab.

Bidding Assistance: Our team will work closely with the City regarding the submittal of construction and bidding documents needed for procurement. We will participate in the pre-bid conference and coordinate with the City to provide clarifications during the bidding period, including the preparation of addenda. We will assist with the bid award recommendation and required supporting documentation.

Public Meetings (if needed): The Reiss team will assist in preparing documents for notifying adjacent property owners potentially affected by the project, including coordinating the mailing of fliers and attending public meetings to assist the City with providing information to the public.

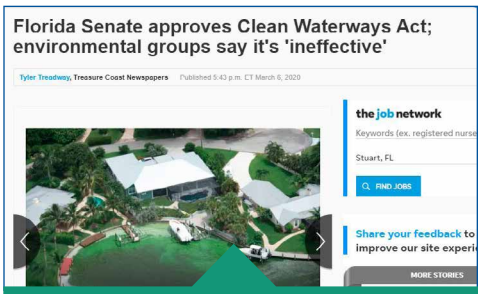
Construction Services: Unique to Reiss is how hard we work to ensure the team members that work with you during design are the same group that work with you during construction. Our approach to construction phase services typically includes:

- Acting as liaison between contractor and client
- Engaging design team staff for shop drawing reviews, interpretations, site visits, and responses to RFIs
- Using robust data management systems for logging and tracking of shop drawings, RFIs, etc.
- Ensuring that construction proceeds in keeping with the design intent
- Facilitating (and documenting) regular progress meetings

SPECIALIZED HISTORY AND RELATIONSHIPS NECESSARY TO ADDRESS REGULATIONS AND REGULATORS

From water supply permitting to wastewater effluent management, regulations are a factor in delivering projects for you under this contract. Our approach to project delivery includes ensuring we understand not just the rules and regulations themselves, but also the regulators and their current policy positions. With this knowledge we are able to provide the optimal solution for you going forward. From the SWFWMD, ACOE, FDOT, and FDEP, we know regulations and regulators associated with water treatment, storage and distribution; wastewater treatment and conveyance systems; and reclaimed water conveyance projects.

By way of example, there are two recent regulatory initiatives (one state and one federal) that may impact the future budgets and operations at NPU. In the recently-passed Senate Bill 712, ***"The Clean Waterways Act"***, both point and non-point sources of nutrients will become more highly regulated. At the Federal level, the US Supreme Court ruled on April 23, 2020, in the "*County of Maui v. Hawaii Wildlife Fund, et al*" case that treated wastewater discharged into groundwater is now subject to regulation under the Clean Water Act if the discharge at the injection well site is the functional equivalent of a direct discharge to jurisdictional waters. If so, an NPDES Discharge Permit may be required.



Senate Bill 712 will drive increased septic to sewer conversions—we are prepared to assist both with funding and with design services

SCHEDULE AND BUDGET CONTROLS

The overall success of a project is usually dependent upon executing the scope within the timelines determined at project initiation. When project timelines are maintained, costs are controlled. We will collaborate with NPU to develop a detailed project schedule for the work anticipated and will identify critical milestones and progress review points. We will also clearly define work activities and needs for NPU input. By using the PMP and the Ajera project management and

Reiss Similar Project Bid Experience

Project	Engineer's Estimate	Bid Range	Met Schedule & Budget
Ernie Caldwell Blvd. Reclaimed Water Main Ph 1 (2019)	$2,047,000	$1,643,980 - $2,329,169	✓
C200 PVC Pipeline Replacement Project (2019)	$3,574,148	$3,372,318 - $3,941,810	✓
Eustis Wastewater Treatment Plant Expansion (2018)	$1,164,800	$7,454,000 - $9,753,927	✓
SWRF Hypochlorite Storage and Feed Systems (2017)	$3,288,890	$2,764,940 - $3,288,890	✓
Oviedo Water Reclamation Facility Expansion (2016)	$1,059,000	$691,830- $1,197,000	✓
Storey Park Utilities Part A (2016)	$3,490,625	$3,189,292 - $4,709,884	✓
SWRF FOG and Septage Receiving Facility (2016)	$3,188,000	$2,749,000 - $3,658,000	✓
Vistana Water Supply Plant Improvements (2016)	$2,589,676	$2,566,000 - $3,520,876	✓
ESA Storage and Repump Facility (2015)	$15,238,000	$13,387,000 - $16,896,412	✓
EWRF Hypochlorite/Generator Improvements (2015)	$1,615,179	$1,248,000 - $1,527,000	✓
NWRF Clarifier Improvements (2015)	$111,500	$100,995 - $204,800	✓
Package 7 Pump Station R&R Improvements (2015)	$1,328,679	$1,076,000- $1,426,500	✓
SWRF Pretreatment Odor Control System (2015)	$1,138,100	$793,500- $1,016,850	✓

financial analysis software, our project manager has real-time information to track budgeted costs versus actual costs across the project timeline and can identify if mid-course corrections are necessary to maintain the budget and schedule. We have a successful reputation for controlling budget and maintaining schedule.

Our success with obtaining competitive bids over the last five years is presented in the table above and is a result of quality design documents and accurate opinion of probable construction costs. These projects were completed on budget and within schedule.

PERSONNEL ASSIGNMENT

The opportunity to serve NPU is critical to the growth and success of the firm. As such, NPU can rest assured that the staff assigned to any project has that uppermost in their minds and will be committed to a positive outcome for NPU.

Project execution will be focused at our Tampa office with support provided by our Winter Springs headquarters (Orlando) which ensures coordination and communication among the entire Reiss team and NPU as necessary to ensure timely and quality planning, design, and construction deliverables. To augment our water and wastewater staff, we have assembled an array of sub-consultants with whom we have a long, positive, and successful relationship.

Reiss understands there are specific client service items that are important. We know open and frequent communication with NPU is necessary. This will be accomplished by telephone, virtual video meetings and/or face-to-face meetings. Our program director, Allen Dethloff, will ensure this happens. We are especially cognizant of involving our clients when regulatory matters may impact the project and when operation and maintenance (O&M) inputs will enhance design concepts.

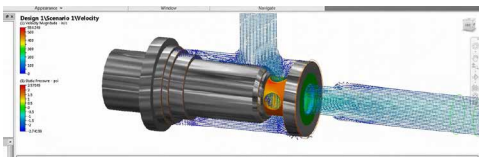
While workloads vary from month-to-month, the graph on the following page provides a summary of our workload based on our current backlog and demonstrating our availability. Our staff is available and committed to executing all work assignments on time and within budget over this multi-year contract.

AVAILABLE FACILITIES AND TECHNICAL CAPABILITIES

Reiss has a staff of 45 professional engineers and technicians located in our four offices. We currently serve 41 continuing contracts spread mainly across the I-4 corridor which demonstrates our ability for rapid response to client needs. Our technical capabilities are comparable to any of the large, national firms with whom we routinely compete.

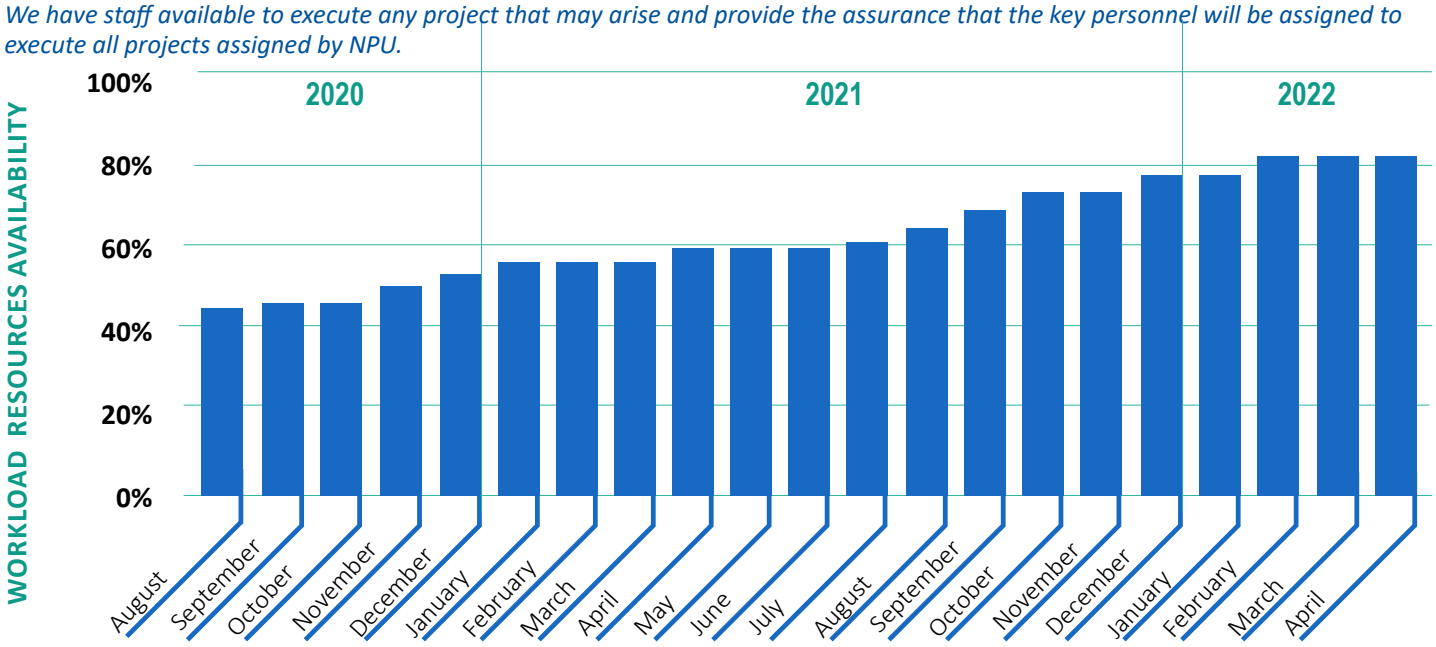
STATE-OF-THE-ART DESIGN

Our plant and complex pump station design work is completed in AutoCAD Plant 3D, providing a visualization of facility including wall penetrations and assisting in avoiding design conflicts. When complex hydraulic conditions have to be analyzed, we use computational fluid dynamics (CFD) software to understand the flow characteristics and how they must be manipulated to meet the optimal design intent.



The hydraulics of complex designs are analyzed using computational fluid dynamics (CFD) during preliminary design to predict flows and ensure efficient and operable facilities.

We have staff available to execute any project that may arise and provide the assurance that the key personnel will be assigned to execute all projects assigned by NPU.



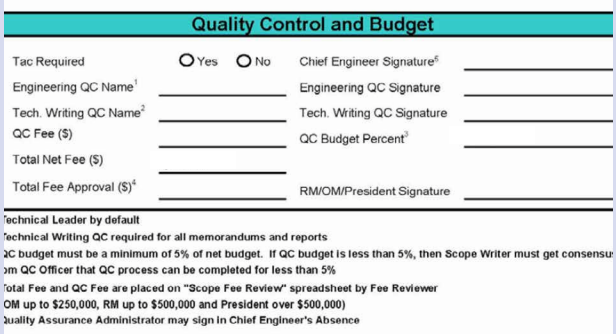
With respect to small diameter residential rehabilitation to major pump station designs, we know pipeline and pump station infrastructure design. Our conveyance work is completed in AutoCad. More complex linear designs, such as our 18,000 feet of 16-inch FPVC subaqueous design under the Indian River, Merritt Island, and Banana River uses Vermeer© Boreaid™ software.

REISS QUALITY CONTROL PROGRAM

The Reiss Quality Assurance and Quality Control (QA/QC) Program is mature and has yielded excellent results for our clients and our firm. Our program requires a minimum of 5% of the total engineering fee be allocated for quality control during the scope and fee development process (specifically, in the Project Management Plan that must be submitted internally before a draft scope and fee is sent to you). In addition, our plan requires the project manager identify the intended quality control staff member(s), during the scoping process, not after the project starts. The selected quality control staff member(s) must sign the quality control form in the Project Management Plan, acknowledging their responsibility to the project and confirming the fee assigned to quality control is adequate to ensure complete review of the project. The process continues after you issue the task order to us. To enroll the project with our Finance Department, the Finance Department carves out the allocated quality control funds within our internal financial system, so those monies are ready and available when quality control is to begin. As part of enrolling a project internally, the project manager must set calendar meeting invitations with the selected quality control staff at the estimated milestone dates by which their reviews are required. This system allows the quality control staff to follow-up months later when they see the invite on their calendar, in the event the project manager hasn't scheduled the review.

Upon completion of the quality control review itself, Form 4 of our Project Management Plan, the Quality Control form, requires the quality control staff member and the project manager to sign off on the completion of the review and resulting revisions. Lastly, our quality control process includes ensuring collaboration with NPU's standards, thereby minimizing City staff review efforts.

With respect to bid-ability and constructability, these are base requirements for our approved quality control review staff. For larger design projects, we will assemble a Technical Advisory Committee, which will be tasked with reviewing all aspects of the project. We have three senior staff members specifically approved and focused on this topic. In summary, our quality control process is mature, efficient, and proven effective.



Quality Control and Budget

Tac Required	○ Yes ○ No	Chief Engineer Signature[5]	
Engineering QC Name[1]		Engineering QC Signature	
Tech. Writing QC Name[2]		Tech. Writing QC Signature	
QC Fee ($)		QC Budget Percent[3]	
Total Net Fee ($)			
Total Fee Approval ($)[4]		RM/OM/President Signature	

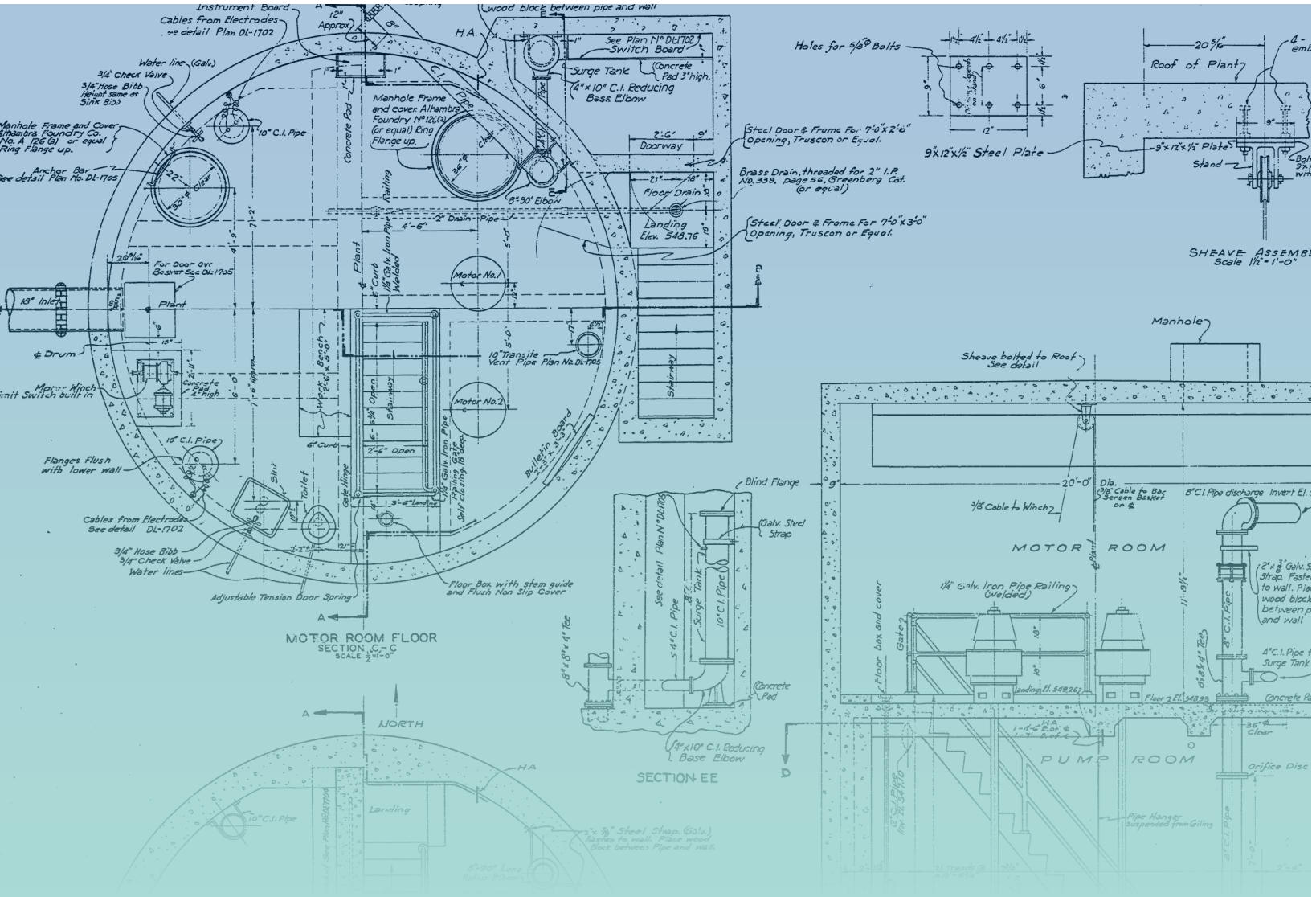
echnical Leader by default
echnical Writing QC required for all memorandums and reports
C budget must be a minimum of 5% of net budget. If QC budget is less than 5%, then Scope Writer must get consensu
m QC Officer that QC process can be completed for less than 5%
otal Fee and QC Fee are placed on "Scope Fee Review" spreadsheet by Fee Reviewer
OM up to $250,000, RM up to $500,000 and President over $500,000)
uality Assurance Administrator may sign in Chief Engineer's Absence

QC staff member(s) must sign the quality control form in the PMP, acknowledging their responsibility to the project and confirming that the amount of money assigned to quality control is adequate.

TAB 6

REFERENCES

- Reference Forms



REISS ENGINEERING

TAB 6. REFERENCES

The best testimony to Reiss' commitment to quality and responsive services comes directly from our clients. We encourage you to contact them to hear how we can provide NPU with the same level of services our clients currently enjoy.

1. Water Treatment Reference

CLIENT
The City of Vero Beach
P.O. Box 1389
Vero Beach, FL 32961

CLIENT CONTACT
Robert Bolton, PE, Director, Water & Sewer
p. (772) 978-5220 | f. (772) 978-5215
e. rbolton@covb.org

YEAR COMPLETED
2018

PROJECT COST
$2.4 million

REVERSE OSMOSIS WATER TREATMENT FACILITY EXPANSION VERO BEACH, FL

The City of Vero Beach needed to increase capacity as their RO skid was rated at 2.0-mgd, and the City needed to expand the capacity to 4.5-mgd in order to improve the finished water quality and decrease the operation of the lime softening plant (LSP). Reiss provided design, permitting, bidding, and construction management services during construction of the expansion of the ROWTF. The major design elements included improvement to the existing RO skid which included modifications to the permeate header, addition of valves and flow meter in order to balance and control the flows between stage 1 and stage 2 and piping associated with the use of five unused pressure vessels; addition of two 1.25-mgd RO membrane skids and associated high pressure pumps; the replacement of the existing sulfuric acid and scale inhibitor feed systems with new feed systems to accommodate the increase of chemical demands due to the addition of the two membrane skids. Additional improvements included improvements to the caustic, chlorine and ammonia feed systems to go from manual to automated feed, electrical upgrades; replacement of the old instrumentation and control (I&C) equipment; additional programmable logic controllers (PLCs) and/or remote input/output (I/O) panels.

2. Water Treatment Reference

CLIENT
The City of Ormond Beach
22 South Beach St.
Ormond Beach, FL 32174

CLIENT CONTACT
Alex Schumann, PE, Construction Engineer
p. (386) 676-3306 | f. (386) 676-3304
e. alex.schumann@ormondbeach.org

YEAR COMPLETED
2020

PROJECT COST
$1.2 million

ORMOND BEACH WATER TREATMENT PLANT UPGRADES ORMOND BEACH, FL

The City owns and operates a 12-mgd lime softening/LPRO WTP. In order to maintain reliable and safe plant operations the upgrade and replacement of equipment with more modern and energy efficient equipment were needed. Reiss provided preliminary design, final design, and bidding assistance for the replacement of the water treatment plant sodium hypochlorite generator and lime slaker units. Work included installation of new lime feeders, lime slakers and grit removal systems; connection of water piping to the new slakers; connection of lime slurry discharge piping from the new slakers to the existing slurry mixing tanks; installation and connection of the new eductor dust fan ventilators and vent piping to the new slakers; mounting and electrical connections of the new dust ventilators and the remote wall mounted control panels; installation of new wiring from the wall mounted control panels to the slaker junction boxes; as well as installation of a new bulk sodium hypochlorite feed and storage system for the water treatment plant including all electrical, instrumentation, and controls to complete a fully operational system.

3. Wastewater Treatment Reference

CLIENT
Seminole County
500 W. Lake Mary Boulevard
Sanford, FL 32773

CLIENT CONTACT
Terrence McCue, PhD, PE, Director
p. (407) 665-2012 | f. (407) 665-2019
e. tmccue@seminolecounty.gov

YEAR COMPLETED
2015 (Additional R&R)

PROJECT COST
$14 million

GREENWOOD LAKES WRF UPGRADES SEMINOLE COUNTY, FL

Reiss performed preliminary evaluations, permitting, final design, bidding, and construction engineering services for improvements to the Greenwood Lakes Water Reclamation Facility (GWLWRF). The scope included the rehabilitation of existing facilities, and construction of new facilities necessary to achieve a permitted capacity of 3.0 MGD. Before beginning detailed design activities, the project team found it necessary to complete several preliminary evaluations of the existing facility infrastructure to better define project scope. One major process element that the County identified for inclusion in these preliminary studies was the facility's pretreatment structure and associated equipment. A subsequent evaluation of the existing facilities at GWLWRF concluded there was a need for flow equalization in order to dampen peak hour flows. Because of site constraints it was proposed to utilize the tankage of the existing ring steel facility.

Several months after the facility was transferred back to full County operation, the lead operator for the County's WRF noted "This design and construction project should be the model for Engineer and Contractor delivery of a construction project."

The operational improvements at this facility resulted in significantly improved treatment and effluent nutrient reductions that contributed to Seminole County's receipt of the 2014 Earl B. Phelps Award for Outstanding Wastewater Treatment Operations in Florida.

4. Wastewater Treatment Reference

CLIENT
The City of Oviedo
400 Alexandria Blvd.
Oviedo, FL 32765

CLIENT CONTACT
Bobby Wyatt, PE, Public Works Director
p. (407) 971-5648 | f. (407) 977-6033
e. bwyatt@cityofoviedo.net

YEAR COMPLETED
2018

PROJECT COST
$1.1 million

WATER RECLAMATION FACILITY (WRF) EXPANSION OVIEDO, FL

The City of Oviedo's WRF has a permitted capacity of 2.4-mgd annual average daily flow (AADF). The City added reuse sites/users and required the improvements to increase the capacity to 2.4-mgd. Reiss was contracted to design the improvements and then bid several components as additional alternatives to the bid so that as budget became available, the City could bid the components at that time. The scope included the conversion of the existing filter backwash tank to a third chlorine contact chamber (CCC), including a new sodium hypochlorite chemical feed pump skid, including piping, valves, electrical systems, controls, chemical storage tank, chlorine residual monitoring of the CCC tank, and demolition of the existing backwash pumps. Modifications were made to the reclaimed transfer pumps including replacing the existing submersible pumps with new vertical turbine pumps and modifications to the discharge piping. The project also included addition of a fourth pump in the master pump station and design of two separate return activated sludge (RAS) pumping stations, addition of RIBs lift station recirculation, a new dewatering screw press, and related electrical, instrumentation, and control upgrades. Reiss also provided construction administration services.

5. Pipeline Reference

CLIENT
Orange County Utilities
9150 Curry Ford Road
Orlando, FL 32825

CLIENT CONTACT
Mark Ikeler, PE, Engineer III
p. (407) 254-9705 | f. (407) 254-9999
e. markc.ikeler@ocfl.net

YEAR COMPLETED
2017

PROJECT COST
$10 million

STOREY PARK UTILITY PROJECT
ORANGE COUNTY, FL

Orange County has been progressively implementing a program to expand the capacity of their potable water and water reclamation infrastructure systems. As part of these efforts, the County has been constructing a number of transmission mains to increase system hydraulic capacity and provide operational flexibility, as well as provide system reliability for water, wastewater, and reclaimed water customers in southeast Orange County by providing the means to interconnect adjacent service areas.

Project services included preliminary design, final design, permitting, and construction management for the potable water mains, reclaimed water mains, and force mains that predominantly follow the alignments of the Innovation Way North and South roadways. To meet future demands, 9,537 lf of 36-inch water main, 4,027 lf of 30-inch water main (includes 200 lf within a railroad crossing), 5,460 lf of 20-inch water main, 955 lf of 30-inch force main, 10,929 lf of 20-inch force main, 9,749 lf of 20-inch reclaimed water main (includes 200 lf within a railroad crossing), and 2,032 lf of 12-inch reclaimed water main were installed via jack-and-bore. This project also provided a way to move wastewater generated by future development and an existing development located south of Wewahootee Road to the County's Eastern Water Reclamation Facility (WRF).

*6. Hydrogeology Reference**

CLIENT
Braden River Utilities
14400 Covenant Way
Lakewood Ranch, FL 34202

CLIENT CONTACT
Robert Simons, Vice-President Development
p. (941) 755-6574 | f. (941) 751-6781
e. bob.simons@lakewoodranch.com

YEAR COMPLETED
Ongoing Continuing Contract

PROJECT COST
Various Work Orders

WATER RESOURCE CONSULTING SERVICES
OVIEDO, FL

PWR has provided water resource consulting services to Braden River Utilities (BRU) for over a decade. BRU is a large-scale non-potable irrigation utility that serves the Lakewood Ranch Development (service area of approximately 47 miles). Services have included reclaimed, surface, and ground water supply planning, development, and permitting services. PWR has historically worked with BRU to secure FDEP Master Reuse Permits for the above ground storage and beneficial reuse of reclaimed water for irrigation within the Lakewood Ranch Development, including a permit renewal in 2018. PWR has undertaken a reclaimed water aquifer storage and recovery (ASR) feasibility study and the pursuit of an underground injection control (UIC) permit intended to enable wet weather storage and increased beneficial reuse of reclaimed waters. A considerable portion of the reclaimed water involved in these projects is obtained from the City of Sarasota. PWR worked to secure approximately $3 million in cooperative funding from the SWFWMD for the implementation of the ASR project. PWR developed and successfully secured several water use permits (WUP) for BRU, including a recent early renewal of a 20-year WUP permitted for an annual average quantity of 18.24 mgd.

**Reference for Partner Firm: Progressive Water Resources, LLC*

REFERENCES/CLIENT LISTING

The firm shall provide a minimum of six (6) business related references for which they are currently providing or have provided within the last five (5) years, services similar to the scope of services required by this RFP. Of the six (6) references, please provide at least two (2) references for each of the following two disciplines: potable water treatment and wastewater treatment; and, provide at least one (1) reference for each of the following two disciplines: pipeline design and hydrogeology. If the firm has any indirect or direct potable reuse experience, please provide a reference. Attach additional sheets if necessary.

1. Business/Customer Name: The City of Vero Beach

Name of Contact Person/Title: Robert Bolton, PE, Director of Water & Sewer Admin.

Telephone# (772) 978-5220 Fax (772) 978-5215 E-mail rbolton@covb.org

Address P.O. Box 1389, Vero Beach, Florida 32961

Phone Number (772) 978-5220 Discipline (circle): (WTP); WWTF; pipeline; hydrogeo, potable reuse

Duration of Contract or business relationship 46 months

Type of Services Provided Preliminary and final design, permitting, bidding, and construction services for RO WTP expansion

2. Business/Customer Name: The City of Ormond Beach

Name of Contact Person/Title: Alex Schumann, PE, Construction Engineer

Telephone# (386) 676-3306 Fax (386) 676-3304 E-mail alex.schumann@ormondbeach.org

Address 22 South Beach St., Ormond Beach, Florida 32174

Phone Number (386) 676-3306 Discipline (circle): (WTP); WWTF; pipeline; hydrogeo, potable reuse

Duration of Contract or business relationship 36 months

Type of Services Provided Design, permitting, bidding, and construction services for WTP upgrades

3. Business/Customer Name: Seminole County Environmental Services Department

Name of Contact Person/Title: Terrence McCue, PhD, PE, Director

Telephone# (407) 665-2012 Fax (407) 665-2019 E-mail tmccue@seminolecounty.gov

Address 500 W. Lake Mary Boulevard, Sanford, Florida 32773

Phone Number (407) 665-2012 Discipline (circle): WTP; (WWTF); pipeline; hydrogeo, potable reuse

Duration of Contract or business relationship 56 months

Type of Services Provided Design, permitting, bidding, and construction services for WRF upgrades

COMPANY NAME: Reiss Engineering, Inc.
SIGNATURE: Allen Dethloff, PE, Vice President

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

4. Business/Customer Name: City of Oviedo

Name of Contact Person/Title: Bobby Wyatt, PE, Public Works Director

Telephone# (407) 971-5648 Fax (407) 977-6033 E-mail bwyatt@cityofoviedo.net

Address 400 Alexandria Boulevard, Oviedo, Florida 32765

Phone Number (407) 971-5648 Discipline (circle): WTP; (WWTF); pipeline; hydrogeo, potable reuse

Duration of Contract or business relationship 32 months

Type of Services Provided Design, permitting, bidding, and construction services for WRF expansion

5. Business/Customer Name: Orange County Utilities

Name of Contact Person/Title: Mark Ikeler, PE, Engineer III

Telephone# (407) 254-9705 Fax (407) 254-9999 E-mail markc.ikeler@ocfl.net

Address 9150 Curry Ford Road, Orlando, Florida 32825

Phone Number (407) 254-9705 Discipline (circle): WTP; WWTF; (pipeline); hydrogeo, potable reuse

Duration of Contract or business relationship 38 months

Type of Services Provided Design, permitting, bidding, and construction services for utility pipelines

6. Business/Customer Name: Braden River Utilities*

Name of Contact Person/Title: Robert Simons, Vice-President of Development

Telephone# (941) 755-6574 Fax (941) 751-6781 E-mail bob.simons@lakewoodranch.com

Address 14400 Covenant Way, Lakewood Ranch, FL 34202

Phone Number (941) 755-6574 Discipline (circle): WTP; WWTF; pipeline; (hydrogeo), potable reuse

Duration of Contract or business relationship Ongoing since 2007

Type of Services Provided Hydrogeological services for a reclaimed water aquifer storage and recovery project

*Reference for our Team Partner, Progressive Water Resources, LLC

COMPANY NAME: Reiss Engineering, Inc.

SIGNATURE: Allen Dethloff, PE, Vice President

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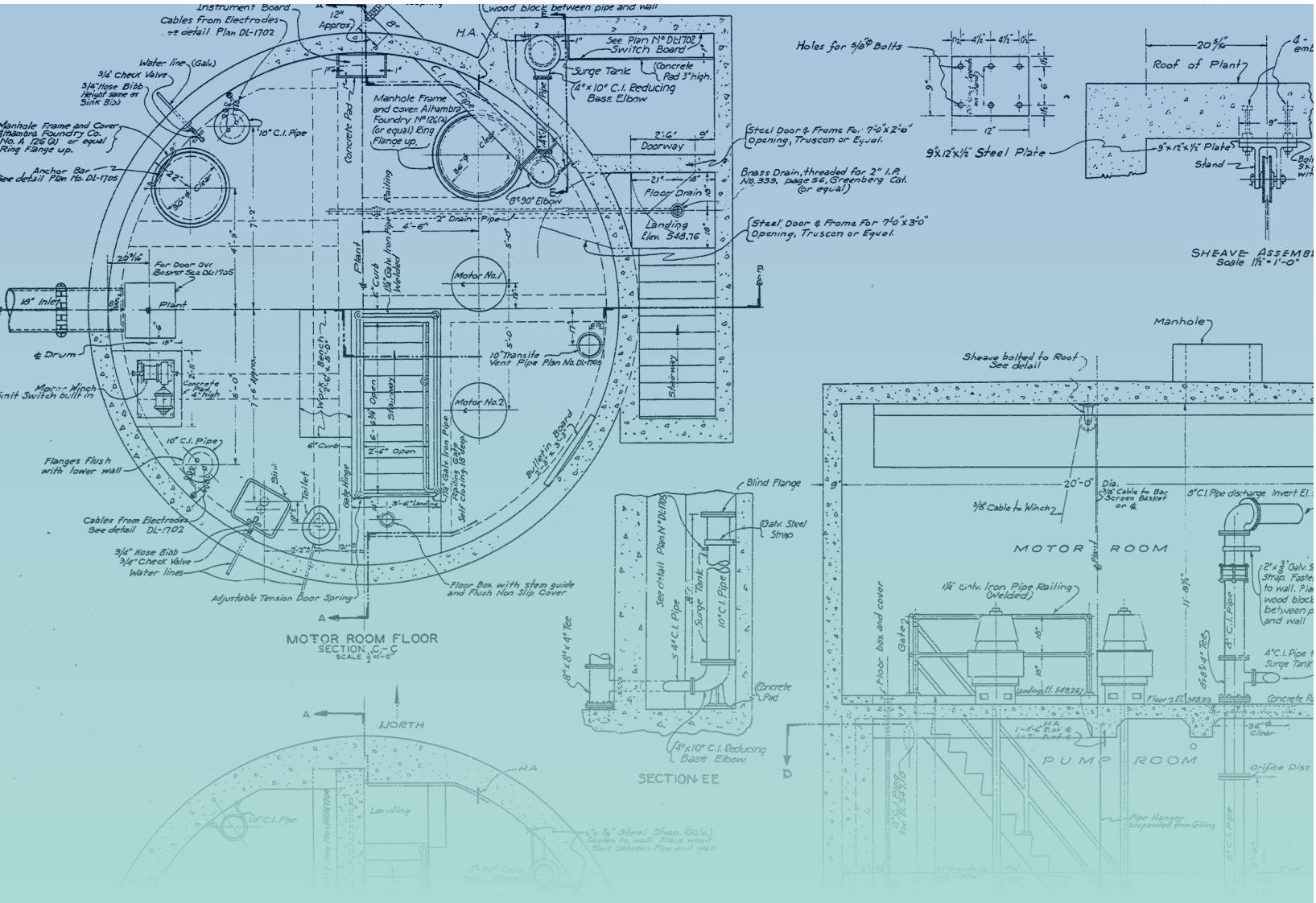
TAB 7

LITIGATION AND INSURANCE



TAB 7. LITIGATION

BELOW IS A SUMMARY OF ALL LITIGATION, CLAIMS, OR CONTRACT DISPUTES, FILED BY OR AGAINST REISS IN THE PAST FIVE YEARS RELATED TO SERVICES PROVIDED IN OUR REGULAR COURSE OF BUSINESS

Over the past 22 years, Reiss Engineering, Inc. has completed more than 1,000 projects for more than 140 clients, with the majority throughout the State of Florida. In the last five years, Reiss Engineering, Inc. has been involved in litigation relating to one project on which we provided similar services. Details of this litigation involving Reiss Engineering, Inc. is as follows:

Final Payment Dispute:

- Reiss Engineering Inc., in its capacity as Design Consultant/ Design Professional for WPC Industrial Contractors, Inc. (Design-Builder), completed a Design-Build project for Hillsborough County, Florida (RFP-C-0087-0-2015) that provided for a new 10 MGD wastewater pump station (Brushy Creek Pump Station) to divert flows from the Dale Mabry Advanced Wastewater Treatment (AWT) Plant to the County's expanding Northwest Wastewater Treatment Facility. The project also provided for decommissioning and demolition of the Dale Mabry AWT Plant for repurposing the site as a community park. Prior to completion of construction of the Brushy Creek Pump Station portion of the project, Reiss terminated its original subcontractor for electrical engineer of record services under the "termination for convenience" provisions of its subconsultant agreement with full consent of Hillsborough County and WPC Industrial Contractors.
- In February of 2018, the electrical engineering subcontractor filed suit in Seminole County, Florida against Reiss seeking a final principal and past-due payment amount of $70,226.50. Reiss disputed the subcontractor's original final invoice on the basis that the subcontractor was seeking payment for services that had not yet been performed. A Notice for Trial has been issued by the plaintiff's attorney and a non-jury trial is currently being scheduled for the case.

DESPITE THE LITIGATION FOR THIS PROJECT, THE CLIENT CONSIDERS THIS A SUCCESSFUL PROJECT AND CONSISTENTLY PROVIDES EXCEPTIONAL REFERENCES FOR REISS ON THIS PROJECT. WITH AN IMPRESSIVE HISTORY OF PROJECT SUCCESSES AND NOMINAL LITIGATION EXPERIENCES, REISS ENGINEERING, INC. HAS BEEN WIDELY EMBRACED BY CLIENTS IN NEED OF THE EXPERTISE, CUSTOMER SERVICE, AND ATTENTION TO DETAIL OFFERED BY THE FIRM'S STAFF. IF YOU HAVE ANY SPECIFIC QUESTIONS OR CONCERNS ABOUT THIS DISCLOSURE, PLEASE FEEL FREE TO CONTACT US TO DISCUSS FURTHER.

LIABILITY INSURANCE COVERAGE

Reiss has adequate coverage to fulfill the requirements the City of North Port has set forth in your RFP. Currently, Reiss carries the following liability coverages:

Professional Liability:
$5,000,000 per claim
$5,000,000 annual aggregate

Commerical/General Liabiloity:
$1,000,000 each occurrence

Automobile Liability:
$1,000,000 Single limit

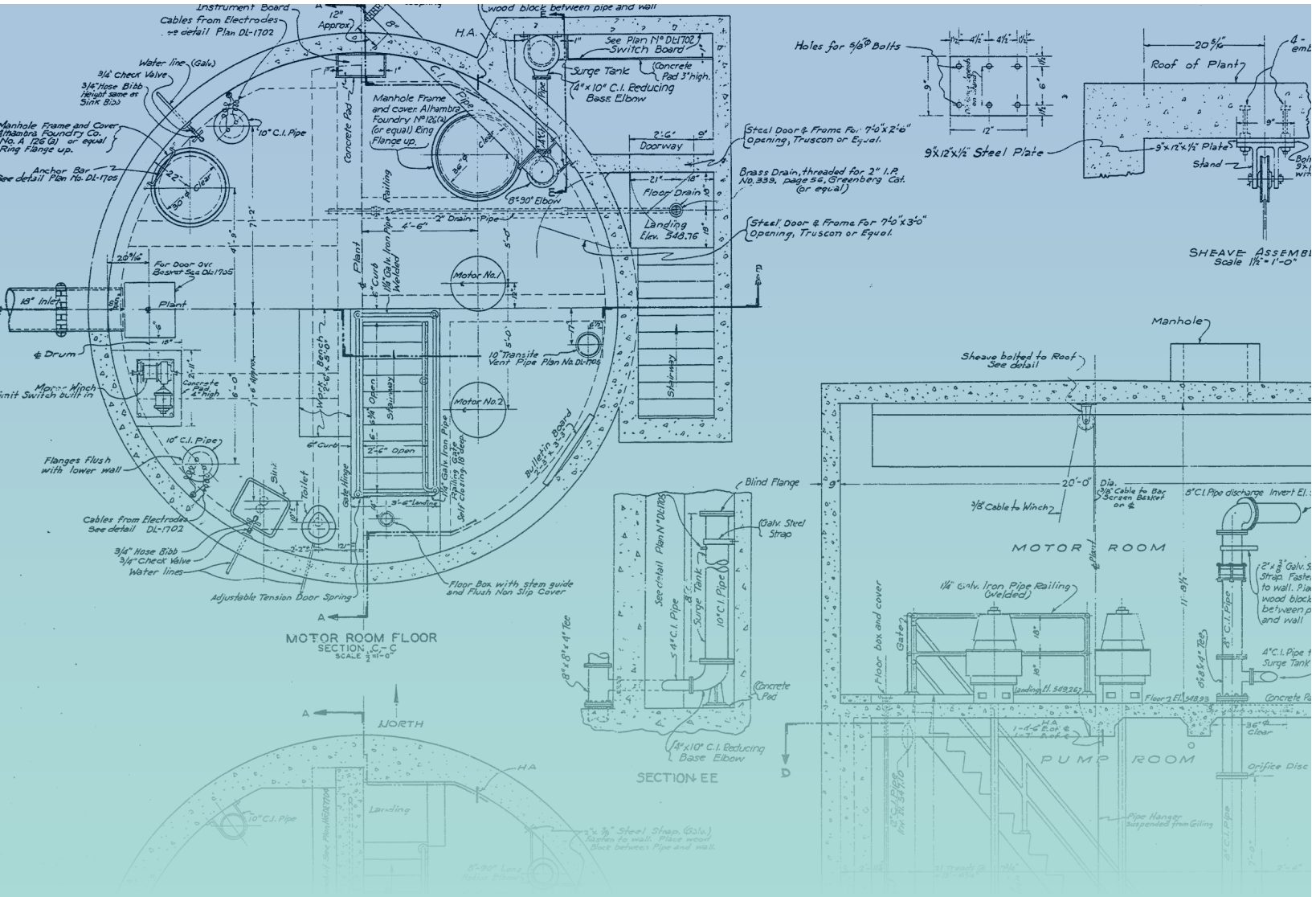
Umbrella Liability:
$5,000,000 each occurrence

Please reference our Certificate of Liability Insurance provided on page 96 of this submittal for more detailed information about Reiss' liability coverages.

TAB 8

ADDITIONAL INFORMATION

- SF330 Section H: Additional Information



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

TAB 8. ADDITIONAL INFORMATION

Reiss was founded with the mission of providing expert professional engineering services in the water and wastewater fields. Reiss' strength is defined not only by its corporate experience, but more importantly, by the experience and skills of those employed by the firm. Reiss actively pursues and hires employees whose background, experience, and interests match the focus and direction of the company. Our staff brings with them a specialized portfolio of experience that is consistent with the services requested by the City of St. Petersburg. The combination of experience and expertise endows the firm with the ability to provide services in the following areas:

Water:

- Taste and odor issues (including hydrogen sulfide)
- Advance processes including ozone and membranes
- Sodium hypochlorite conversions
- Permitting and regulatory compliance
- Operations and maintenance

Wastewater:

- Process optimization and re-rating
- Wastewater collection system design and evaluation (i.e., SSES, I/I)
- Evaluation and facility assessments
- Biological nutrient removal
- Reuse treatment (including membranes) and implementation

Permitting:

- Effluent disposal including surface water discharge
- Residuals management
- Sodium hypochlorite conversions

Utilities:

- Hydraulic modeling (EPA Net, WaterCad, Cybernet, H2ONET) to identify system improvements
- Design/Relocation of water distribution and transmission pipelines
- Design/Relocation of wastewater force mains
- Trenchless technologies
- Permitting

Asset Management/Condition Assessment: Reiss has exhibited great strength in the niche of asset management and condition assessment. We are currently employing multiple cutting-edge technologies to assess the condition of potable water, reclaimed water, and wastewater pipelines for various clients throughout the Tampa Bay area and beyond, including the City of Largo, Pinellas County, and the City of Clearwater. We are currently assisting Polk County Utilities with creating an inventory of their wastewater pump station assets to enable them to update and implement their computerized maintenance management system (CMMS) program. We are also conducting lift station condition assessments as part of this project.

Stormwater:

- Hydrological and hydraulic modeling and studies
- Stormwater infrastructure assessment
- Stormwater design and retrofit design
- Water quality modeling
- Permitting

Construction Administration:

- Preparation of construction bid packages
- Bid evaluation
- Shop drawing review
- Certification of payment
- Preparation of as-built drawings
- Construction inspection

Computer Capabilities: Reiss has the latest computer equipment and software to ensure efficient communication and technical resource utilization. PC-type computers and workstations are present on every desktop. Laptop computers will be used by the project staff for portability. Our computer network includes central servers with full, daily backup execution.

CADD: Our firm uses AutoCAD software to prepare construction drawings for all design projects. Please refer to the following page for a detailed description of our CADD capabilities.

Geographic Information Systems (GIS): Our firm consistently uses GIS as a tool to more efficiently develop hydraulic models and implement infrastructure assessments as well as display data in a clear and concise manner. GIS is extremely useful in preparation of presentation material to government agencies and the public.

Please reference our project success stories provided in Section F of our SF330 to demonstrate the breadth of our technical capabilities to provide the City with the services outlined in your RFP.

CADD CAPABILITIES

Reiss' standard design procedures routinely include the development of 3-dimensional (3D) computer-aided drafting (CAD) designs. As such, our designers and technicians are proficient with AutoCAD Civil 3D and AutoCAD Plant 3D. These enhanced services are provided as part of our standard approach and, as such, there are no additional charges or other constraints associated with employing these capabilities on your projects. Further, Reiss certifies that all submitted electronic drawings will be compatible with AutoCAD Civil 3D 2019, ESRI ARC MAP 10.6.

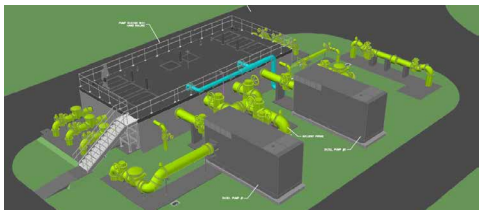
Utilizing Civil 3D in utility design allows Reiss Engineering to design pipelines efficiently and dynamically by utilizing an organized approach to data modeling. The modeled Civil 3D data is then presented as plan and profile utility drawings with fully dynamic links between visual design representations.

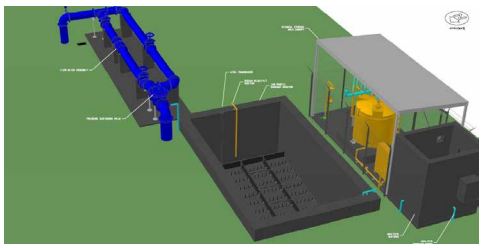
Plant 3D, as demonstrated in the examples shown here and in our project experience information, will allow your staff (managers, operations and maintenance staff, etc.) to see exactly what final facilities will look like before the final designs are completed. This enables staff to evaluate not only the spatial arrangement of equipment and facilities, but also consider operation and maintenance of equipment, building systems, etc. while the design progresses. These renderings are also invaluable for purposes of public outreach, as it allows the project team to clearly articulate to lay persons exactly how the facility will look.

There are added benefits to completing designs of treatment plants and pump stations using 3D modeling due to the complexity of interdisciplinary coordination. When multiple disciplines are combined into a single model, design conflicts can be easily recognized and mitigated before the design is complete, minimizing or eliminating field change orders during construction. Utilizing a single 3D model also streamlines the drawing production process, since all detail views are focused on the common model instead of individually drawn views.

Both platforms allow for changes to design and/or existing conditions to be implemented efficiently throughout a production set with minimal manual effort.

Many of our clients (City of Port St. Lucie, the Village of Islamorada, Orange County, Hillsborough County, the City of St. Cloud, and Reedy Creek Improvement District, to name a few) have benefited from these enhanced design tools.





OUR DESIGN TEAM IS PROFICIENT IN THE USE OF AUTOCAD WITH RESPECT TO THE DEVELOPMENT OF 3-DIMENSIONAL (3D) CAD IN OUR FACILITY DESIGN DEVELOPMENT. WHEN DOING SO WILL ADD VALUE, WE WILL, AT NO ADDITIONAL COST, UTILIZE A 3D MODEL TO GENERATE REALISTIC RENDERINGS OF THE PROPOSED IMPROVEMENTS TO FACILITATE ROBUST INTERDISCIPLINARY COORDINATION, REVIEW OF MAINTENANCE ACCESS, STAKEHOLDER BUY-IN WITH RESPECT TO VISUAL APPEARANCE, ETC. ONCE ALL STAKEHOLDERS ARE SATISFIED WITH THE DESIGN, CONVENTIONAL (TWO-DIMENSIONAL) VIEWS ARE THEN GENERATED TO PREPARE DRAWINGS. THE RENDERINGS GENERATED THROUGH THIS APPROACH CAN ALSO BE USED IN PUBLIC INVOLVEMENT CAMPAIGNS TO FACILITATE BUY-IN FROM EXTERNAL STAKEHOLDERS, INCLUDING NEARBY COMMUNITY ORGANIZATIONS, HOMEOWNERS, AND BUSINESS OWNERS.

CADD renderings from The Delwood Super Pump Station

MINORITY BUSINESS ENTERPRISE (MBE)

While Reiss is not a certified Minority, Women-owned, or Disadvantaged/Small Business Enterprise firm, we are proud to include subconsultant minority firms, Tierra, Inc., and ECHO UES, Inc., and woman-owned firms such as Earth Resources, Inc. on our team, each of whom are certified with the State of Florida as M/WBE firms, as evidenced by the certifications below. *Furthermore, Reiss makes an affirmative declaration to make a good faith effort to include additional MBE, WBE, and DBE subconsultant firms, as applicable, to any projects we perform for the City of North Port during the course of this important contract.*


State of Florida
Minority Business Certification
Tierra, Inc.
Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:
10/22/2019 to 10/22/2021
Jonathan R. Satter, Secretary
Florida Department of Management Services
Department of MANAGEMENT SERVICES
Office of Supplier Diversity


State of Florida
Minority Business Certification
ECHO UES, Inc.
Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:
09/19/2019 to 09/19/2021
Jonathan R. Satter, Secretary
Florida Department of Management Services
Department of MANAGEMENT SERVICES
Office of Supplier Diversity


State of Florida
Woman Business Certification
Earth Resources, Inc.
Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:
03/19/2019 to 03/19/2021
Jonathan R. Satter, Secretary
Florida Department of Management Services
office of supplier DIVERSITY

INNOVATIVE SOLUTIONS PROVIDING VALUE TO NORTH PORT

We recognize that for many of the projects included in North Port's current CIP, innovation can occur through technical needs of the project (i.e. treatment optimization) or optimizing project delivery (i.e. funding support). The Reiss team typically provides both technology and delivery-based innovation that can benefit NPU in terms of regulatory compliance and project delivery as well as in overall capital or operational cost savings. We are confident in our creative ability to incorporate innovation into your projects, but only where appropriate and beneficial to North Port. *We'll help you to be on the "leading edge" and keep you off the "bleeding edge" of our industry.*

For example, we provided recommendations to Fort Lauderdale for energy savings throughout their water and wastewater system, including identification of the top energy users at their wastewater lift stations. Installation of VFD's at those lift stations resulted in a 50% reduction of energy. We also evaluated the benefit of capturing energy from methane production in anaerobic digesters versus the cost to implement the project. We recently designed a FOG receiving station for Orange County Utilities to provide additional methane production in their anaerobic digesters.

Following our design and construction management for the world's deepest reclaimed water ASR well for Polk County's NWRWWTF, we assisted the County with an FDEP permit modification to permit the ASR well for increased reclaimed water disposal capacity on their WWTF permit, and not just for withdrawal.

We also work with clients and the jurisdictional agencies to assist in the creation or modification of new regulation when needed. Reiss is an associate member of both the FWEA and FSAWWA Utility Councils that advocate on behalf of utilities statewide regarding legislative and rule changes that affect our industry. Our staff are members and present regularly at specialty conferences on a variety of topics for FWEA, FSAWWA, FWPCOA, SEDA and AMTA.

We are currently designing a gravity sewer system for Seminole County using micro-tunneling techniques, which prevents open-cutting existing roadways, and minimizes disturbances to the public. Reiss recently designed turbo-blowers for Casselberry's WWTF to replace their centrifugal blowers, which greatly reduced their energy consumption. Reiss will continue to provide creative solutions to challenges under this contract.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

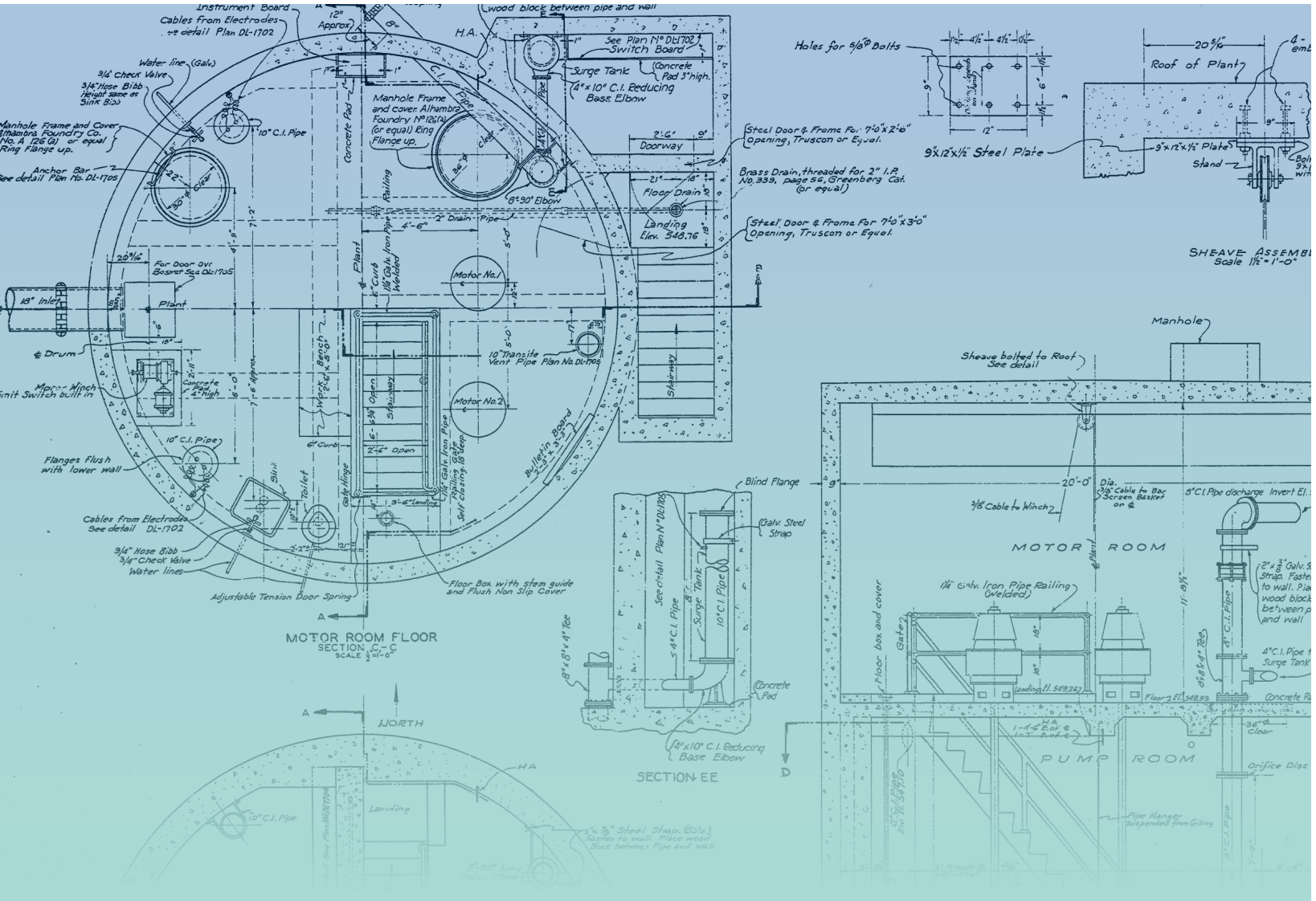
July 18, 2020

33. NAME AND TITLE

Allen Dethloff, PE, Vice President

TAB 9

SUBMISSION REQUIREMENTS AND REQUIRED SUBMITTAL FORMS



TAB 9. SUBMISSION REQUIREMENTS AND REQUIRED SUBMITTAL FORMS

33. **Name and Title. Self-explanatory.**

TAB 9 – SUBMISSION REQUIREMENTS AND REQUIRED SUBMITTAL FORMS: This checklist is provided to assist each Proposer in the preparation of their response. Included in this checklist are important requirements, which is the responsibility of each Proposer to submit with their response in order to make their response fully compliant. This checklist is a guideline which is to be executed and submitted with the required forms. It is the responsibility of each Proposer to read and comply with the solicitation in its entirety.

A. SUBMITTAL REQUIREMENTS

1. **NUMBER OF PAGES:** The proposal **shall not exceed (38) pages (one-sided)** or **(19) pages (two-sided) in length. (*The Title Page, Table of Contents, City Required Forms, 330 Forms and tabs do not count towards the TOTAL NUMBER OF PAGES).***

   1.1 When compiling a response, sections should be tabbed and labeled; pages should be sequentially numbered at the bottom of the page; proposals should be bound to allow flat stacking for easy storage; **do not use three ring binders of any kind**; and sections should be compiled in the sequence list above.

   1.2 Place proposal with all the required items in a sealed envelope clearly marked for specification number, project name, name of proposer, and due date and time.

2. **PAPER/FONT SIZE:** 8.5”x11”/Font Calibri 11, PDF FORMAT.

3. **NUMBER OF ORIGINAL PROPOSALS:** One (1) original hard-copy **UNBOUND** (marked **“ORIGINAL”**) and signed in **blue ink**. **NUMBER OF COPIES:** five (5) hard copies **BOUND** (marked **“COPY”**) **(1 original + 5 copies = 6 total submittals).**

4. **USB Flash Drive:** One (1) electronic version in Portable Document Format (PDF) **on** a USB Drive containing the entire submittal. USB drive only. **CDs will not be accepted.**

B. REQUIRED SUBMITTAL FORMS: City Required Submittal Forms/Checklist

READ/EXECUTED & INCLUDED

- [X] Proposal Submittal Signature Form
- [X] Statement of Organization
- [X] References
- [X] Drug-Free Workplace (If Applicable)
- [X] Public Entity Crime Information
- [X] Non-Collusive Affidavit

☒ Lobbying Certification

☒ Conflict of Interest Form

☒ Disclosure Form (Consultant/Engineer/Architect)

☒ Scrutinized Business Certification Form

State Registration Requirements (http://www.sunbiz.org/search.html)

☒ Copy of Registration, Attached

☒ State required license for Prime Firm Only (Not sub-consultants)

☒ **SAMPLE INSURANCE CERTIFICATE:** Demonstrate your firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the Insurance Companies names for both Professional Liability and General Liability and the dollar amounts of the coverage.

☒ YES ☐ NO Sample Insurance Certificate is included with the submittal

☒ **MBE/WBE/VBE:** If claiming Minority Business Enterprise/Women Business Enterprise/Veterans Business Enterprise, the Prime Firm (not sub-consultant) **shall be** certified as a Minority Business Enterprise by the State of Florida, Department of Management Services, Office of Supplier Diversity pursuant to Section 287.0943, Florida Statutes.

☐ YES, CLAIMING MBE/WBE/VBE STATUS AS PRIME ONLY

☐ YES, I'VE ATTACHED THE CERTIFICATE OF MBE/WBE/VBE STATUS FROM THE STATE OF FLORIDA AS OUTLINED SECTION 12.

☒ NOT CLAIMING MBE/WBE/VBE

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH YOUR PROPOSAL

PROPOSAL SUBMITTAL SIGNATURE FORM

The undersigned attests to his/her authority to submit this proposal and to bind the firm herein named to perform as per Agreement, if the firm is awarded the Agreement by the City.

The undersigned further certifies that he/she has read the Request for Proposal, Terms and Conditions, Insurance Requirements and any other documentation relating to this request and this proposal is submitted with full knowledge and understanding of the requirements and time constraints noted herein.

As addenda are considered binding as if contained in the original specifications, it is critical that the firm acknowledge receipt of same. The submittal may be considered void if receipt of an addendum is not acknowledged.

Addendum No. 1 Dated 7/2/2020 Addendum No. _____ Dated _____
Addendum No. 2 Dated 7/10/2020 Addendum No. _____ Dated _____
Addendum No. 3 Dated 7/15/2020 Addendum No. _____ Dated _____

Company Name Reiss Engineering, Inc.

(407) 679-5358	marketing@reisseng.com	(877) 349-7146
Telephone #	**E-Mail**	**Fax #**

1016 Spring Villas Point
Main Office Address

Winter Springs, FL 32708

City	**State**	**Zip Code**

Address of Office Servicing City of North Port, if different than above: ☐ ***SAME AS ABOVE***

3507 East Frontage Road, Suite 180
Office Address

Tampa, FL 33607

City	**State**	**Zip Code**
(813) 549-0919	marketing@reisseng.com	(877) 349-7146
Telephone #	**E-mail**	**Fax #**

Allen Dethloff, PE, Vice President
Name & Title of Firm Representative

Allen Dethloff — July 18, 2020
Signature **Date**

Do you accept Visa? ☒ **YES** ☐ **NO**

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

STATEMENT OF ORGANIZATION
(Information Sheet for Transactions and Conveyances Corporation Identification)

The following information will be provided to the City of North Port for incorporation in legal documents. It is, therefore, vital all information is accurate and complete. Please be certain all spelling, and capitalization is exactly as registered with the state or federal government.

Name of Respondent: Reiss Engineering, Inc.

DBA (if any): N/A

Type of Entity (Sole Proprietor, Corporation, LLC, LLP, Partnership, etc): Corporation

Business Address: 3507 East Frontage Road, Suite 180

Tampa, FL 33607

Phone: (813) 549-0919 **Fax:** (877) 349-7146

E-Mail marketing@reisseng.com

Print Name and Title of person authorized to bind: Allen Dethloff, PE, Vice President

Federal Identification Number: 59-3546309

Signature: Allen Dethloff

Respondent shall submit proof that it is authorized to do business in the State of Florida unless registration is not required by law.

(Please Check One)

Is this a Florida Corporation: [X] Yes or [ ] No

If not a Florida Corporation,
In what state was it created: _____
Name as spelled in that State: _____

What kind of corporation is it: [X] "For Profit" or [ ] "Not for Profit"

Is it in good standing: [X] Yes or [ ] No

Authorized to transact business in Florida: [X] Yes or [ ] No

State of Florida Department of State Certificate of Authority Document No.: P98000104249

Does it use a registered fictitious name: [ ] Yes or [X] No

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REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINTUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

Names of Officers:

President: C. Robert Reiss, PhD, PE **Secretary:** Christophe Robert, PhD, PE

Vice President: Allen Dethloff, PE **Treasurer:** Christophe Robert, PhD, PE

Director: Lisa Ames **Director:**

Other: Mark Burgess, PE, BCEE **Other:** Edward Talton, Jr., PE

Name of Corporation (As used in Florida):
Reiss Engineering, Inc.
(Spelled exactly as it is registered with the state or federal government)

Corporate Address:

Post Office Box: N/A
City, State Zip:
Street Address: 1016 Spring Villas Point
City, State, Zip: Winter Springs, FL 32708

STATE OF FLORIDA
COUNTY OF Seminole

Sworn to (or affirmed) and subscribed before me by means of ☒ physical presence or ☐ online notarization, this 18th day of July, 20 20 by Allen Dethloff, PE.

Notary Public - State of Florida

X Personally Known OR ___ Produced Identification
Type of Identification Produced _____

JOMARA MUNOZ
Notary Public - State of Florida
Commission # GG 318728
My Comm. Expires Jun 15, 2023
Bonded through National Notary Assn.

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REFERENCES/CLIENT LISTING

The firm shall provide a minimum of six (6) business related references for which they are currently providing or have provided within the last five (5) years, services similar to the scope of services required by this RFP. Of the six (6) references, please provide at least two (2) references for each of the following two disciplines: potable water treatment and wastewater treatment; and, provide at least one (1) reference for each of the following two disciplines: pipeline design and hydrogeology. If the firm has any indirect or direct potable reuse experience, please provide a reference. Attach additional sheets if necessary.

1. Business/Customer Name: The City of Vero Beach

   Name of Contact Person/Title: Robert Bolton, PE, Director of Water & Sewer Admin.

   Telephone# (772) 978-5220 Fax (772) 978-5215 E-mail rbolton@covb.org

   Address P.O. Box 1389, Vero Beach, Florida 32961

   Phone Number (772) 978-5220 Discipline (circle): (WTP); WWTF; pipeline; hydrogeo, potable reuse

   Duration of Contract or business relationship 46 months

   Type of Services Provided Preliminary and final design, permitting, bidding, and construction services for RO WTP expansion

2. Business/Customer Name: The City of Ormond Beach

   Name of Contact Person/Title: Alex Schumann, PE, Construction Engineer

   Telephone# (386) 676-3306 Fax (386) 676-3304 E-mail alex.schumann@ormondbeach.org

   Address 22 South Beach St., Ormond Beach, Florida 32174

   Phone Number (386) 676-3306 Discipline (circle): (WTP); WWTF; pipeline; hydrogeo, potable reuse

   Duration of Contract or business relationship 36 months

   Type of Services Provided Design, permitting, bidding, and construction services for WTP upgrades

3. Business/Customer Name: Seminole County Environmental Services Department

   Name of Contact Person/Title: Terrence McCue, PhD, PE, Director

   Telephone# (407) 665-2012 Fax (407) 665-2019 E-mail tmccue@seminolecounty.gov

   Address 500 W. Lake Mary Boulevard, Sanford, Florida 32773

   Phone Number (407) 665-2012 Discipline (circle): WTP; (WWTF); pipeline; hydrogeo, potable reuse

   Duration of Contract or business relationship 56 months

   Type of Services Provided Design, permitting, bidding, and construction services for WRF upgrades

COMPANY NAME: Reiss Engineering, Inc.
SIGNATURE: Allen Dethloff Allen Dethloff, PE, Vice President

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

4. Business/Customer Name: City of Oviedo

Name of Contact Person/Title: Bobby Wyatt, PE, Public Works Director

Telephone# (407) 971-5648 Fax (407) 977-6033 E-mail bwyatt@cityofoviedo.net

Address 400 Alexandria Boulevard, Oviedo, Florida 32765

Phone Number (407) 971-5648 Discipline (circle): WTP; (WWTF); pipeline; hydrogeo, potable reuse

Duration of Contract or business relationship 32 months

Type of Services Provided Design, permitting, bidding, and construction services for WRF expansion

5. Business/Customer Name: Orange County Utilities

Name of Contact Person/Title: Mark Ikeler, PE, Engineer III

Telephone# (407) 254-9705 Fax (407) 254-9999 E-mail markc.ikeler@ocfl.net

Address 9150 Curry Ford Road, Orlando, Florida 32825

Phone Number (407) 254-9705 Discipline (circle): WTP; WWTF; (pipeline); hydrogeo, potable reuse

Duration of Contract or business relationship 38 months

Type of Services Provided Design, permitting, bidding, and construction services for utility pipelines

6. Business/Customer Name: Braden River Utilities*

Name of Contact Person/Title: Robert Simons, Vice-President of Development

Telephone# (941) 755-6574 Fax (941) 751-6781 E-mail bob.simons@lakewoodranch.com

Address 14400 Covenant Way, Lakewood Ranch, FL 34202

Phone Number (941) 755-6574 Discipline (circle): WTP; WWTF; pipeline; (hydrogeo), potable reuse

Duration of Contract or business relationship Ongoing since 2007

Type of Services Provided Hydrogeological services for a reclaimed water aquifer storage and recovery project

*Reference from our Team Partner, Progressive Water Resources, LLC

COMPANY NAME: Reiss Engineering, Inc.

SIGNATURE: Allen Dethloff Allen Dethloff, PE, Vice President

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

DRUG FREE WORKPLACE FORM

The undersigned Consultant in accordance with Florida Statute 287.087 hereby certifies that Reiss Engineering, Inc. does:
(Company Name)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

Check one:

☒ As the person authorized to sign this statement, I certify that this firm complies fully with above requirements.

☐ As the person authorized to sign this statement, this firm **does not** comply fully with the above requirements.

Allen Dethloff
_____
Offeror's Signature

July 18, 2020
_____
Date

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

PUBLIC ENTITY CRIME INFORMATION

As provided by F.S. §287.133, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, Supplier, Subcontractor, or Consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

I, Allen Dethloff, PE, Vice President, being an authorized representative of the Respondent, Reiss Engineering, Inc., located at 3507 East Frontage Road, Suite 180

City: Tampa State: FL Zip Code: 33607, have read and understand the contents above. I further certify that Respondent is not disqualified from replying to this solicitation because of F.S. §287.133.

Signature: _____ Date: July 18, 2020

Telephone #: (813) 549-0919 Fax #: (877) 349-7146

Federal ID #: 59-3546309

STATE OF FLORIDA
COUNTY OF Seminole

Sworn to (or affirmed) and subscribed before me by means of ☒ physical presence or ☐ online notarization, this 18th day of July, 20 20 by Allen Dethloff, PE.

_____
Notary Public - State of Florida

X Personally Known OR ___ Produced Identification
Type of Identification Produced _____

JOMARA MUNOZ
Notary Public - State of Florida
Commission # GG 318728
My Comm. Expires Jun 15, 2023
Bonded through National Notary Assn.

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PROFESSIONAL ENGINEERING SERVICES-CONTINTUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

NON-COLLUSIVE AFFIDAVIT

Before me, the undersigned authority, personally appeared:
Allen Dethloff, PE who, being first duly sworn, deposes and says that:

1. He/She is the Vice President (Owner, Partner, Officer, Representative or Agent) of Reiss Engineering, Inc., the Respondent that has submitted the attached reply;

2. He/She is fully informed respecting the preparation and contents of the attached reply and of all pertinent circumstances respecting such reply;

3. Such reply is genuine and is not a collusive or sham reply;

4. Neither the said Respondent nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other respondent, firm, or person to submit a collusive or sham reply in connection with the work for which the attached reply has been submitted; or have in any manner, directly or indirectly sought by agreement or collusion, or communication or conference with any respondent, firm, or person to fix the price or prices in the attached reply or of any other respondent, or to fix any overhead, profit, or cost elements of the reply price or the reply price of any other respondent, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the reply work.

Signed, sealed and delivered this 18th **day of** July, **20** 20.

By: _____

Allen Dethloff, PE
(Printed Name)
Vice President
(Title)

STATE OF FLORIDA
COUNTY OF Seminole

Sworn to (or affirmed) and subscribed before me by means of ☒ physical presence or ☐ online notarization, this 18th day of July, 20 20, by Allen Dethloff, PE.

_____
Notary Public - State of Florida

X Personally Known OR ___ Produced Identification
Type of Identification Produced _____

JOMARA MUNOZ
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LOBBYING CERTIFICATION

"The undersigned hereby certifies, to the best of his or her knowledge and belief, that":

STATE OF Florida

COUNTY OF Seminole

This 18th day July of 2020

Allen Dethloff, PE, being first duly sworn, deposes and says that he or she is the authorized representative of Reiss Engineering, Inc. (Name of the contractor, firm or individual), and that the vendor and any of its agents agree to have no contact or communication with, or discuss any matter related in any way to any active City of North Port solicitation, with any City of North Port elected officials, officers, their appointees or their agents or any other staff or outside individuals working with the city in respect to this request other than the designated Procurement Official Contact and to abide by the restrictions outlined in the General Terms and Conditions of the Solicitation. Technical questions directed to the project manager, is prohibited. These persons shall not be lobbied, either individually or collectively, regarding any questions for bid, proposal, qualification and/or any other solicitations released by the city. To do so is grounds for immediate disqualification from the selection process. The selection process is not considered final until such a tome as the Commission has made a final and conclusive determination.

(a) No City appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence either directly or indirectly an officer or employee of the City, City Commission in connection with the awarding of any City Contract.

(b) If any funds other than City appropriated funds have been paid or will be paid to any person for influencing or attempting to influence a member of City Commission or an officer or employee of the City in connection with this contract, the undersigned shall complete and submit Standard Form-L "Disclosure Form to Report Lobbying", in accordance with its instructions.

Signed, sealed and delivered this 18th **day of** July**, 2020.**

By: _____

Allen Dethloff, PE
(Printed Name)
Vice President

STATE OF FLORIDA
COUNTY OF Seminole

Sworn to (or affirmed) and subscribed before me by means of ☒ physical presence or ☐ online notarization, this 18th day of July, 2020, by Allen Dethloff, PE.

_____
Notary Public - State of Florida

JOMARA MUNOZ
Notary Public - State of Florida
Commission # GG 318728
My Comm. Expires Jun 15, 2023
Bonded through National Notary Assn.

X Personally Known OR ___ Produced Identification
Type of Identification Produced _____

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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.

COMPANY: Reiss Engineering, Inc.

SIGNATURE: Allen Dethloff

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

DISCLOSURE FORM

FOR

CONSULTANT/ENGINEER/ARCHITECT

Please select (only) one of the following three options:

☒ 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 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 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 another interest.

BUSINESS NAME: Reiss Engineering, Inc.

NAME (PERSON AUTHORIZED TO BIND THE COMPANY): Allen Dethloff, PE, Vice President

SIGNATURE:  **DATE:** July 18, 2020

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINTUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

Scrutinized Company Certification Form

Company Name: Reiss Engineering, Inc.

Authorized Representative Name and Title: Allen Dethloff, PE, Vice President

Address: 3507 East Frontage Road, Ste 180 City: Tampa State: FL ZIP: 33607

Phone Number: (813) 549-0919 Email Address: awdethloff@reisseng.com

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

[X] 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: Allen Dethloff
AUTHORIZED REPRESENTATIVE SIGNATURE

Print Name and Title: Allen Dethloff, PE, Vice President

Date Certified: July 18, 2020

Solicitation/Contract/PO Number (Completed by Purchasing): 2020-58

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

END OF PART IV

Page 50 of 64

State of Florida
Department of State

I certify from the records of this office that REISS ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on December 14, 1998.

The document number of this corporation is P98000104249.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 16, 2020, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixteenth day of January, 2020

Secretary of State

Tracking Number: 7112556631CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

ervices.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

REISS ENGINEERING, INC.
1016 SPRING VILLAS PT
WINTER SPRINGS FL 32708

LICENSE NUMBER: CA8181
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

Client#: 1056306 REISSENG

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 09/20/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
USI Insurance Services, LLC 2502 N Rocky Point Drive Suite 400 Tampa, FL 33607	PHONE (A/C, No, Ext): 813 321-7500	FAX (A/C, No):
	E-MAIL ADDRESS:	

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A :	Sentinel Insurance Company Ltd.	11000
INSURER B :	Phoenix Insurance Company	25623
INSURER C :	XL Specialty Insurance Company	37885
INSURER D :	Hartford Accident & Indemnity Company	22357
INSURER E :		
INSURER F :		

INSURED
Reiss Engineering, Inc.
1016 Spring Villas Point
Winter Springs, FL 32708

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE / X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY / X PRO-JECT / LOC OTHER:	X	X	21SBATY5630	09/21/2019	09/21/2020	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$1,000,000 $1,000,000 $10,000 $1,000,000 $2,000,000 $2,000,000 $
D	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY	X	X	21UECHH4305	09/21/2019	09/21/2020	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$1,000,000 $ $ $ $
A	X UMBRELLA LIAB / X OCCUR EXCESS LIAB / CLAIMS-MADE DED / X RETENTION $10,000	X	X	21SBATY5630	09/21/2019	09/21/2020	EACH OCCURRENCE AGGREGATE $	$5,000,000 $5,000,000 $
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	X	UB0P610186	09/21/2019	09/21/2020	X PER STATUTE / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $1,000,000 $1,000,000 $1,000,000
C	Professional Liability			DPR9949181	09/21/2019	09/21/2020	$5,000,000 per claim $5,000,000 annl aggr.	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Professional Liability coverage is written on a claims-made basis.

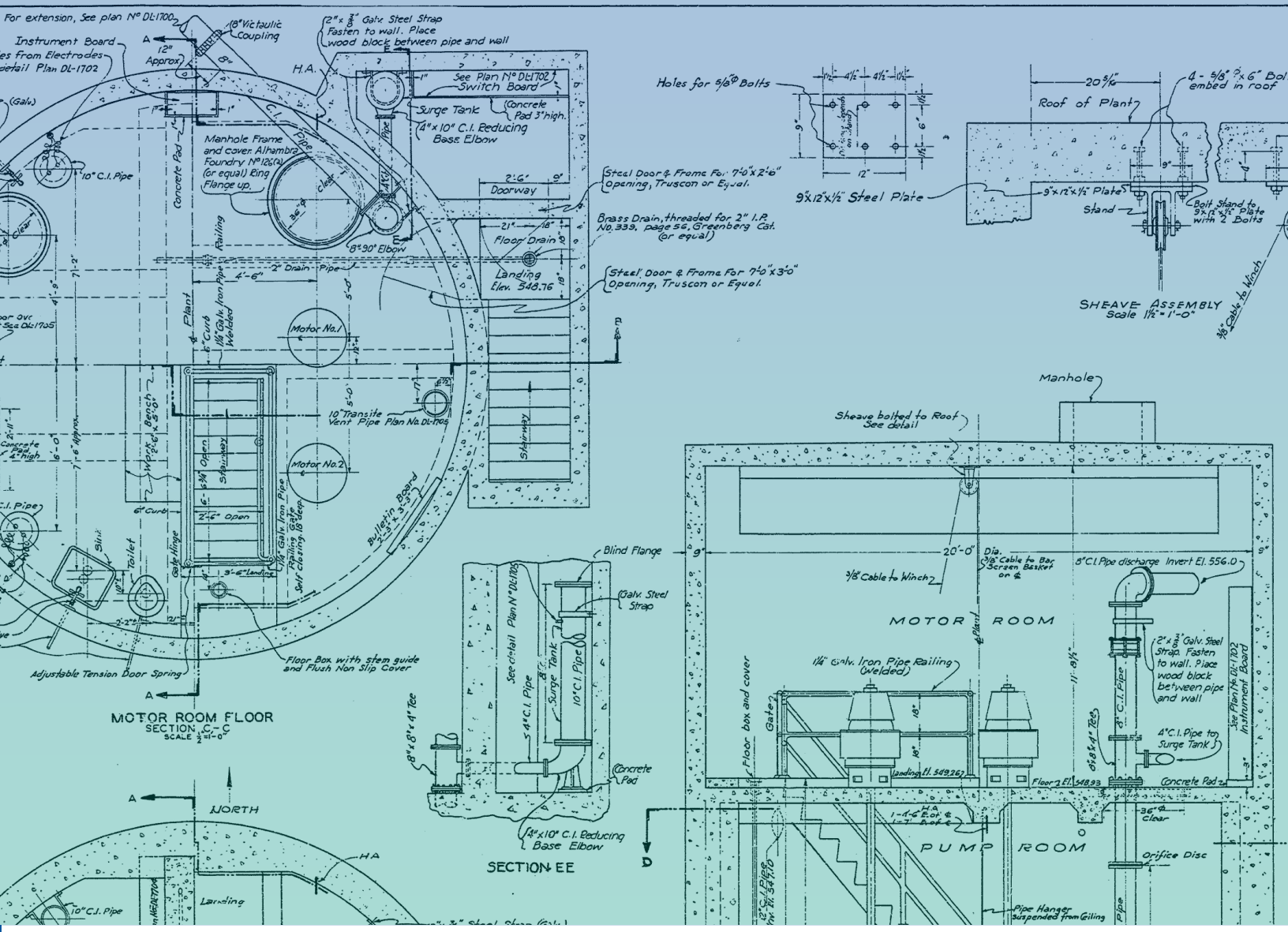
CERTIFICATE HOLDER

For Proposal Purposes

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



RFP No. 2020-58

Professional Engineering Services
Continuing Services Contracts
For
City of North Port Utilities Department

Submitted by:

Allen Dethloff, PE
Program Director
Reiss Engineering, Inc.
3507 East Frontage Road, Suite 180
Tampa, FL 33607

Phone: (813) 549-0919
e. awdethloff@reisseng.com

REISS ENGINEERING