City of Fort Lauderdale

Design-Build Gravity Pipe Improvements to the Downtown Collection System

RFP No. 12476-115 | September 30, 2021

GCU
GULF COAST UNDERGROUND

Spencer Tuell, PE, DBIA

251.472.6684

STuell@gulfcoastunderground.com

WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL

5655 Middle Road
Theodore, Alabama, 36582
251.472.6684
866.720.9834 Fax
stuell@gulfcoastunderground.com

September 30, 2021

City of Fort Lauderdale
Procurement Services Division
Fausto Vargas Sr., Procurement Specialist
100 N. Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

Re: RFP No. 12476-115 – Design-Build, Gravity Pipe Improvements to the Downtown Collection System

Dear Mr. Vargas:

The City of Fort Lauderdale has issued this Request for Proposal for the design, permitting, construction, testing, and startup of Gravity Pipe Improvements to the Downtown Collection System. The work to be accomplished under this contract includes, but is not limited to, replacement of 12-, 14-, and 15-inch diameter gravity sewer with 15-, 18-, and 21-inch diameter gravity sewer pipelines, using trenchless methods, and reconnecting the active sewer laterals to the new gravity sewer pipes. Development Authorities and municipalities across the country rely on Gulf Coast Underground (GCU) to provide efficient and effective solutions to aging infrastructure, and we are eager to support the City of Fort Lauderdale in this design-build project.

GCU is unique in that we are licensed in the State of Florida as both an engineering firm and as a utility/general contractor and have been in business for nearly 20 years. At GCU, we are a privately held firm, allowing us to be flexible and responsive to the needs of our clients, which is ideal when completing the field component of a design-build project. GCU is headquartered in Theodore, AL, and we currently operate in multiple states, including Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, South Carolina, North Carolina, Tennessee, Texas, and Virginia. For this project, we will operate our management team out of Woolpert's Miami office. Specific to your needs, GCU operates five Pipeline Assessment crews, three Dig and Replace/Bursting crews, four CIPP Installation crews, three Manhole Rehabilitation crews, two Lateral Lining crews, and three Grouting crews. Each crew operates state-of-the-art equipment, and GCU is always investing capital to maintain our fleet and to acquire new and better equipment. We have the ability and experience to replace, repair, and rehabilitate all types of pipes from 4 inches in diameter to over 100 inches, including mainline and lateral services in both gravity and pressure systems, such as you have for this project.

GCU has completed numerous successful Design-Build projects and have highlighted several in this RFP packet. For this project, we at GCU would provide all of the initial investigation of the gravity system and work with Woolpert on the evaluation of the system and implement the plan development for rehabilitation. Woolpert will then assist in securing any necessary permits while also providing construction administration during construction.

AN OUTSTANDING TEAM
In support of this contract, we have assembled an **all local** design team that has worked with the City before and is intimately familiar with the City's infrastructure and design standards.

Woolpert, Inc. has more than 100 years of engineering experience and over 70 years' expertise in providing high-quality and innovative water and wastewater services. Woolpert has worked with more than 1,000 utilities and local governments, both nationally and internationally. Woolpert is familiar with Fort Lauderdale, actively performing an asset management software implementation program for the Water/Wastewater and Stormwater Divisions within the Public Works Department. Woolpert specializes in implementing large and small pipeline design projects for cities and utilities. Ranking 72 in the *Engineering News-Record (ENR)* "Top 500 Design Firms in 2020" shows the national scale and diversity of services they offer. Woolpert was also ranked number 18 on the list of "Top Engineering Firms for Trenchless Technology in 2020." They provide national experience with a long-term local presence.

Public Outreach, a critical scope component to this project, will be led by the **Valerin Group**, also well-known and trusted by the City to develop successful public engagement strategies for complex urban projects. This group of local, established professionals has extensive experience with the design and construction of utility projects in congested urban neighborhoods and with the design-build process.

Together, we pride ourselves on building enduring relationships with our clients and working with you to immediately meet any challenge with an appropriate solution.

Our team goals would align with those of the City of Fort Lauderdale in that we would prioritize repairs to the worst of the system based upon likelihood of failure and location, then select methods of repair that would minimize disruptions to the facilities, residents, and operations. Our diverse "self-perform" skillset will allow us to explore multiple options rather than simply selecting the methodologies laid out in the 30% design.

GCU has the capacity of meeting all of the requirements of the solicitation and the subsequent contract; and possesses full capability, including financial and technical capacity, to perform as contractually required; as shown in our past experience, we have a record of good faith performance. Spencer Tuell is the president of GCU and is an authorized representative that can contractually bind GCU.

Thank you again for allowing us this opportunity and we look forward to proving that we are indeed the best choice to tackle this project for you. Please find enclosed the requested documentation per the RFP and, if you find the need for any further documentation or information, please feel free to reach out to me personally—my cell phone number is 251.472.6684.

Sincerely,

Spencer Tuell, PE, DBIA
President
www.gulfcoastunderground.com

Table of Contents

4.2.1 Proposal Contact Person

Indicate which firm/company is the Lead Design-Builder whose signature grants authority to bind submitter to the provisions of this RFP.

- **Legal name of proposer(s): GCU, LLC DBA Gulf Coast Underground, LLC**
- Federal employee identification (FEIN) number: 20-3547755
- Mailing address City State Zip: 5655 Middle Road, Theodore, AL 36582
- Contact person's name: Denise Davis
- Title: Contracts Manager
- Email address: ddavis@gulfcoastunderground.com
- Phone number: 251.725.0200 | Fax number: 866.471.2753 | Website: www.gulfcoastunderground.com

Any firm/company qualifying as a minority entity to this RFP should also be identified in the same manner. If there are multiple firms proposed as one team, each firm must be identified.

- **Legal name of proposer(s): Woolpert, Inc.**
- Federal employee identification (FEIN) number: 20-1391406
- Mailing address City State Zip: 6100 Blue Lagoon Drive, Suite 440, Miami, FL 33126-2037
- Contact person's name: Mark Tomczyk, PE, LEED GA
- Title: Engineer Program Director
- Email address: mark.tomczyk@woolpert.com
- Phone number: 305.351.2948 | Fax number: 937.461.0743

- **Legal name of proposer(s): The Valerin Group, Inc.** (DBE, SBE, WBE certified)
- Federal employee identification (FEIN) number: 33-1142500
- Mailing address City State Zip: 13014 North Dale Mabry Hwy. #820, Tampa, FL 33618
- Local Address: 2945 West Cypress Creek Road, Suite 104, Fort Lauderdale, FL 33309
- Contact person's name: Valerie Ciudad-Real (contract authority)
- Title: President/CEO
- Email address: valeriec@valerin-group.com
- Phone number: 954.656.6616 | Fax number: 813.925.4205

4.2.2 Qualifications of the Firm

Business Structure

Provide a brief introduction narrative letter highlighting the qualifications of the firm in providing the professional services as it relates specifically to the project.

GCU has over 17 years of experience in water and sewer infrastructure installation and rehabilitation and is a licensed contractor in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, South Carolina, Tennessee and Virginia. Chris Gomel founded GCU in 2004 and has been in the water and sewer rehabilitation industry since 1999, getting his start as a regional manager for another firm. GCU's President, Spencer Tuell, is a Professional Engineer who is licensed in Florida, Georgia, Louisiana, North Carolina, South Carolina, and Tennessee. Spencer has been involved with the design and construction of water and wastewater infrastructure projects since 2006. In addition to being a licensed contractor in the state of Florida, GCU is unique in that we are also a licensed engineering firm and, as such, we pride ourselves on being able to design, build and deliver successful projects.

GCU's core business at the outset of the company 17 years ago was sewer structure rehabilitation. As our company grew, we began to add services. For our engineering and assessment side of the business, we began providing pipeline cleaning and assessment operations, which are overseen by individuals certified in PACP (Pipe Assessment Certification Program), LACP (Lateral Assessment Certification Program), and MACP (Manhole Assessment Certification Program) through NASSCO (National Association of Sewer Service Companies). With a heavy focus on trenchless (non-disruptive, no-dig) technologies, GCU self-performs cured in place pipe lining (CIPP), as well as pipe bursting, allowing us to provide the City of Fort Lauderdale with "outside of the box" solutions not previously considered with other contractors. These technologies provide a minimally invasive approach to renewing the life span of your water or sewer infrastructure without the need to excavate. That said, we still maintain our own excavation crews to ensure that we have a solution to every need that may arise following a thorough evaluation. Our ability to perform these different services in-house allows us to work without a heavy reliance on subcontractors.

Our employees are typically classified (Davis-Bacon) as the following: Pipelayers, Cement Masons, Operators, Painters, and General/Common Laborers. We currently have 87 employees, including office personnel. All of our personnel operate out of our home office in Theodore, AL; however, we are actively working on projects as far west as Little Rock, AR, east to Jacksonville, FL, and everywhere in between. Fort Lauderdale, FL, certainly falls within the parameters of where we know we can operate efficiently and effectively, and is only a few hours from our regional office in Gainesville, FL.

Sub-Consultants

Woolpert Inc., Lead Design Firm, is a full-service engineering firm experienced in the design, permitting, and construction inspection and management of water and wastewater design-build pipeline systems. They offer national experts in pipeline materials and specifications, as their Lead Designer and Design Engineer have more than 40 years of experience in the implementation of infrastructure engineering replacement projects. Their design experience demonstrates a unique capability for small and large diameter pressure and gravity pipeline design. Their qualifications and experience signify that they are recognized experts with all required pipe materials, including polyvinylchloride (PVC), high density polyethylene (HDPE), concrete pressure pipe, ductile iron, steel, and fiberglass (FRP). For over 25 years, Woolpert has worked as a trusted advisor to clients in Florida. With five offices in Florida, Woolpert has supported many design-build projects. Their experience includes Rapid Implementation, Topographic Surveying/Mobile Mapping, Subsurface Non-Destructive Utility Locations, Engineering Design, Regulatory Expertise, Hydraulic Modeling, and Construction Engineering. **Woolpert developed the original utility GIS system for Fort Lauderdale beginning in 2000.**

Woolpert can also offer the team a unique array of applied technology services, such as Subsurface Utility Engineering (SUE), Unmanned Aerial Systems (UAS) (drone) design/construction site mapping, utility GIS, and Asset Management service capabilities utilizing some of the most current and advanced tools for accurate data collection. As a rapid project implementation capability, Woolpert provides the team with Mobile Mapping capabilities that expedite project topographic surveying without the need to obtain access to private properties and its non-destructive subsurface utility locating resources to minimize on unforeseen conflicts in areas where underground spatial concerns are identified. After this planning phase, our team is provided with an accurate base map for the design of the proposed improvements for fast track and effective project development. **Some of Woolpert's larger projects of similar type to the minimum requirements of designing gravity collection systems in urban environments in the last five years include:**

- Design-Build, S-899, Miami-Dade Water Sewer Rehabilitation of 54-inch Force Main | Miami, Florida.
- Design-Build, Georgia-Pacific Foley 54-inch Effluent Disposal Pipeline | Georgia-Pacific Foley, LLC, Perry, Florida.
- Dean Road Interceptor Sewer Rehabilitation | City of Orlando, Wastewater Division.
- Design-Build 60-inch Force Main Replacement, Norris Cut | Miami-Dade Water and Sewer, Florida.
- Rio Pinar Water and Wastewater System Improvements (Package 5) | Orange County, Florida.
- Sky Lake/Oakridge Subdivision Gravity Sewer Replacement and Water System Improvements | Orange County, Florida.
- Southwood Subdivision Gravity Sewer Replacement and Water System Improvements (East and West Phases) | Orange County, Florida.
- Residential Reclaimed Water Retrofit, Phase II (Alaqua Lakes) | Seminole County, Florida.
- Residential Reclaimed Water Retrofit, Phase V (Heathrow) | Seminole County, Florida.

Valerin Group, Inc. (DBE, SBE, WBE certified) (Valerin), Public Outreach Firm, established in 2006, is a woman-owned, full-service communications firm headquartered in Tampa with additional offices in Fort Lauderdale, West Palm Beach, and Orlando. Valerin specializes in public involvement, community outreach, marketing, graphic design, website and mobile app development, multimedia, visualizations, video production, drone, and bilingual services. Valerin's talented staff of communications and creative professionals have more than 425 years of combined experience and have worked on over 600 public utility and transportation projects and initiatives for clients, including municipalities, counties, and state agencies. Valerin's communications professionals excel at developing and implementing strategic public engagement and outreach plans that communicate project information in easy-to-understand language, promote the benefits of a project, and educate the public, which gains public support of a project. In addition, Valerin's public engagement and outreach efforts have resulted in **numerous projects being awarded the Florida Transportation Builders' Association (FTBA) Award** for Outstanding Community Outreach, as well as Valerin receiving the Tampa Bay's Prestigious Award for Community Relations for Hillsborough County's North Palm River Drinking Water Design-Build project.

Corporations, Joint Ventures, LLC or Partnerships – submit a copy indicating when the corporation was organized as a legal entity in the State of Florida, corporation number.

- **Corporation: GCU, LLC DBA Gulf Coast Underground, LLC**
- **Corporation was organized as a legal entity in the State of Florida, Corporation Number: M14000006499.**

State of Florida
Department of State

I certify from the records of this office that GCU, LLC is an Alabama limited liability company authorized to transact business in the State of Florida, qualified on September 11, 2014.

The document number of this limited liability company is M14000006499.

I further certify that said limited liability company has paid all fees due this office through December 31, 2021, that its most recent annual report was filed on March 15, 2021, and that its status is active.

I further certify that said limited liability company has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fifteenth day of March, 2021

Secretary of State

Tracking Number: 9340134303CC

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

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

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

June 14, 2021

GULF COAST UNDERGROUND LLC
5655 MIDDLE ROAD
THEODORE, ALABAMA 36582

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 6/30/2022. However, the new application is due **4/30/2022**.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If your company's maximum capacity has been revised, you can access it by logging into the Contractor Prequalification Application System via the following link: HTTPS://fdotwp1.dot.state.fl.us/ContractorPreQualification/

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:
DRAINAGE, Sewer Rehabilitation.

You may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing your most recently approved application as shown above and choosing "Update" instead of "View." If certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

Alan D. Autry

Alan Autry, Manager
Contracts Administration Office

AA:cg

Improve Safety, Enhance Mobility, Inspire Innovation
www.fdot.gov

Include copies of all active State of Florida professional licenses, including professional engineers, State of Florida certifications; State of Florida certified general contractors license with unlimited building classification, held by the Firm under Florida Law to provide the required services.

State of Florida certified general contractors license with unlimited building classification, held by the Firm

GCU holds the following licenses in the State of Florida: Utility Contractor, CUC1225011; General Contractor, CGC1516386; Firm Engineering, CA32988.

Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE UNDERGROUND UTILITY & EXCAVATION CO HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

GOMEL, CHRISTOPHER J

GCU, LLC
5655 MIDDLE ROAD
THEODORE AL 36582

LICENSE NUMBER: CUC1225011
EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com

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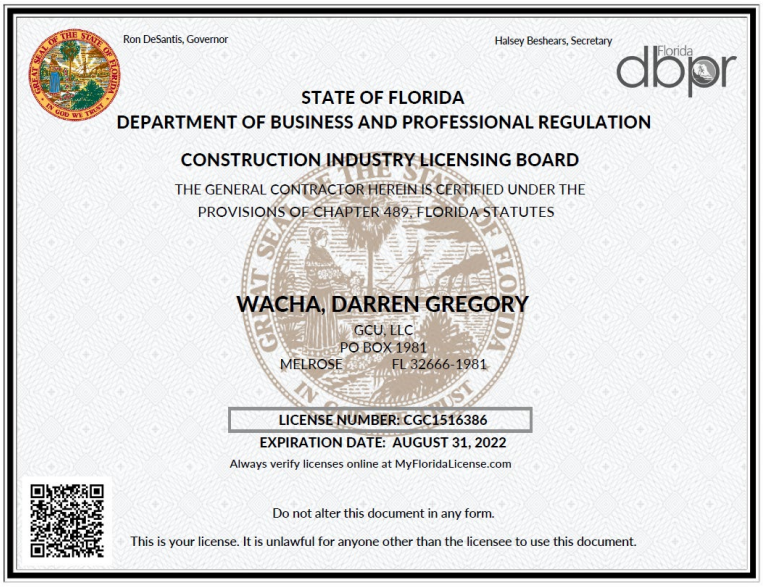

Ron DeSantis, Governor

Halsey Beshears, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

WACHA, DARREN GREGORY

GCU, LLC
PO BOX 1981
MELROSE FL 32666-1981

LICENSE NUMBER: CGC1516386
EXPIRATION DATE: AUGUST 31, 2022

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Licensee Details

Licensee Information

Name:	**GCU, LLC** (Primary Name)
Main Address:	**5655 MIDDLE ROAD** **THEODORE Alabama 36582**
License Mailing:	**5655 MIDDLE ROAD** **THEODORE AL 36582**
LicenseLocation:	

License Information

License Type:	**Registry**
Rank:	**Registry**
License Number:	**32988**
Status:	**Current**
Licensure Date:	**02/11/2019**
Expires:	

Licensee

Name:	**GCU, LLC**	License Number:	**32988**
Rank:	**Registry**	License Expiration Date:	
Primary Status:	**Current**	Original License Date:	**02/11/2019**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
70718	Current, Active	TUELL, SPENCER A	Registry	01/15/2019	Professional Engineer	02/28/2023

State of Florida professional licenses, including professional engineers, State of Florida certifications

- **Corporation: Woolpert, Inc.**
- **Corporation was organized as a legal entity in the State of Florida, Corporation Number: F04000005579.**

State of Florida
Department of State

I certify from the records of this office that WOOLPERT, INC. is an Ohio corporation authorized to transact business in the State of Florida, qualified on September 27, 2004.

The document number of this corporation is F04000005579.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on April 28, 2021, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-eighth day of April, 2021

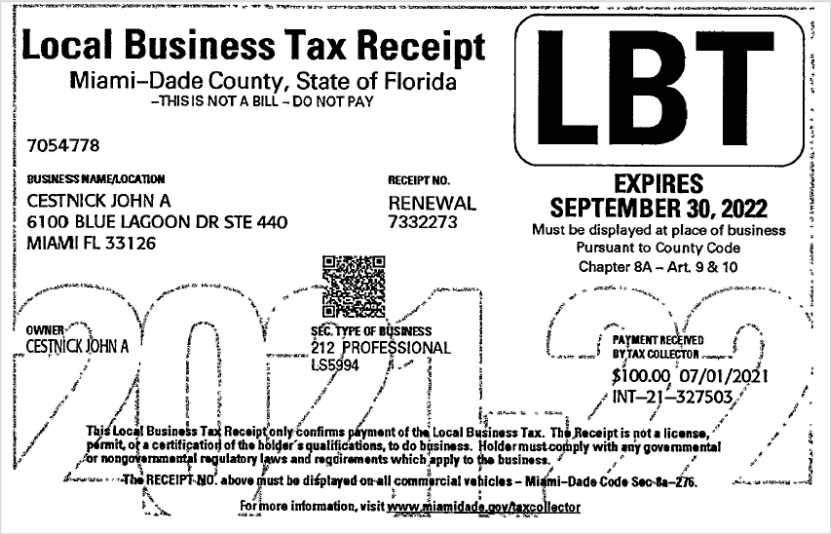
Secretary of State

Tracking Number: 7849080465CC

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

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

Active State of Florida professional licenses, including professional engineers, State of Florida certifications for Woolpert, Inc.



Local Business Tax Receipt
Miami–Dade County, State of Florida
–THIS IS NOT A BILL – DO NOT PAY

LBT

7054778

BUSINESS NAME/LOCATION
CESTNICK JOHN A
6100 BLUE LAGOON DR STE 440
MIAMI FL 33126

RECEIPT NO.
RENEWAL
7332273

EXPIRES
SEPTEMBER 30, 2022
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
CESTNICK JOHN A

SEC. TYPE OF BUSINESS
212 PROFESSIONAL
LS5994

PAYMENT RECEIVED BY TAX COLLECTOR
$100.00 07/01/2021
INT–21–327503

2021

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.
The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.
For more information, visit www.miamidade.gov/taxcollector

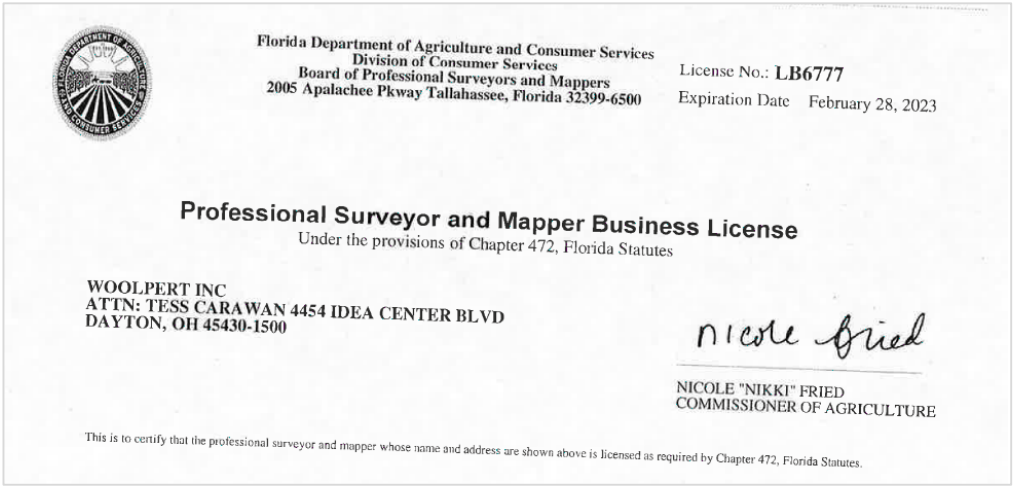
4/20/2021 Licensing Portal - License Relationships

Licensee

Name:	**WOOLPERT, INC.**	License Number:	**7685**
Rank:	**Registry**	License Expiration Date:	
Primary Status:	**Current**	Original License Date:	**03/28/1997**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
71896	Current, Active	GODFREY, STEVEN B	Registry	01/23/2015	Professional Engineer	02/28/2023



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.: LB6777
Expiration Date February 28, 2023

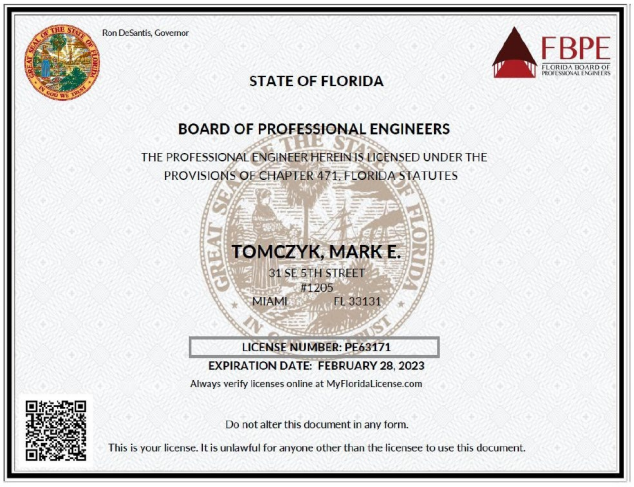
Professional Surveyor and Mapper Business License
Under the provisions of Chapter 472, Florida Statutes

WOOLPERT INC
ATTN: TESS CARAWAN 4454 IDEA CENTER BLVD
DAYTON, OH 45430-1500

Nicole Fried

NICOLE "NIKKI" FRIED
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.



Ron DeSantis, Governor

STATE OF FLORIDA

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TOMCZYK, MARK E.
31 SE 5TH STREET
#1205
MIAMI FL 33131

LICENSE NUMBER: PE63171
EXPIRATION DATE: FEBRUARY 28, 2023
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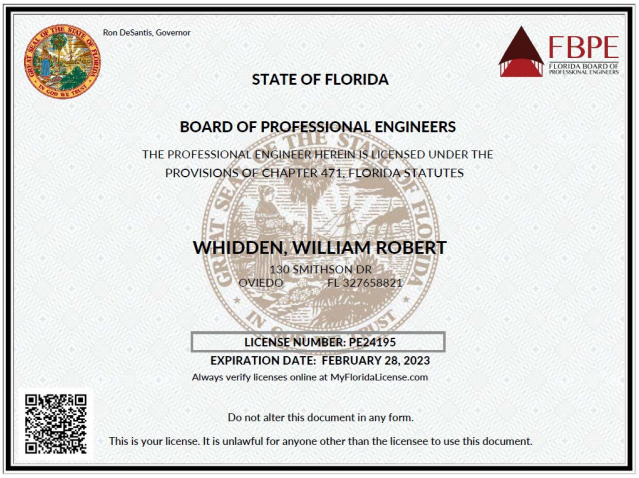

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WHIDDEN, WILLIAM ROBERT
130 SMITHSON DR
OVIEDO FL 327658821

LICENSE NUMBER: PE24195
EXPIRATION DATE: FEBRUARY 28, 2023
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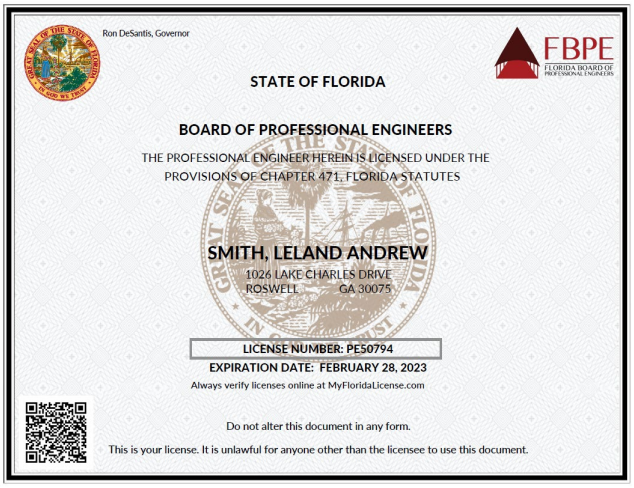

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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SMITH, LELAND ANDREW
1026 LAKE CHARLES DRIVE
ROSWELL GA 30075

LICENSE NUMBER: PE50794
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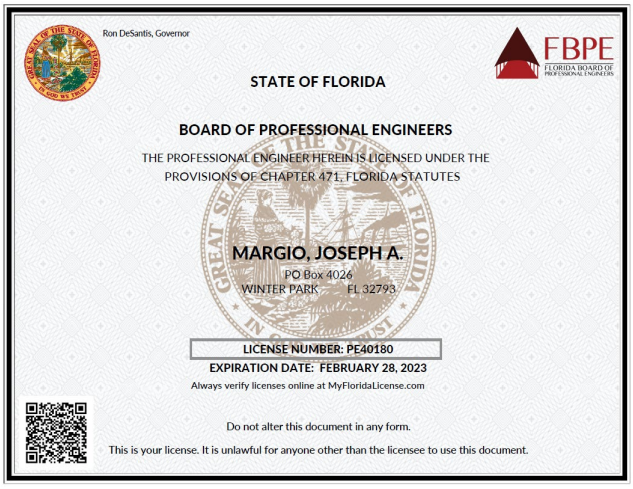

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MARGIO, JOSEPH A.
PO Box 4026
WINTER PARK FL 32793

LICENSE NUMBER: PE40180
EXPIRATION DATE: FEBRUARY 28, 2023
Always verify licenses online at MyFloridaLicense.com

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The Valerin Group, Inc. Business Enterprise Certificates from a government agency is provided below.

BROWARD COUNTY FLORIDA

OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674

April 22, 2021

Ms. Valerie Cuidad-Real
THE VALERIN GROUP, INC
2945 W. Cypress Creek Road, Suite 104
Fort Lauderdale, Florida 33309

Dear Ms. Cuidad-Real:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to announce that your firm's **County Business Enterprise (CBE)** certification has been renewed.

Your firm's certification is continuing from your anniversary date but is contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to ensure continued certification is yours. Failure to document your firm's continued eligibility for the CBE program within **thirty (30) days** from your anniversary may result in the expiration of your firm's certification. Should you continue to be interested in certification after it has expired, you will need to submit a new application, and all required supporting documentation for review.

To review current Broward County Government bid opportunities, visit: www.broward.org/Purchasing and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over $3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Contract Services.** This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: www.broward.org/EconDev and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

NAICS CODE: 541430, 541610, 541820

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

SANDY-MICHAEL MCDONALD
Digitally signed by SANDY-MICHAEL MCDONALD
Date: 2021.05.05 18:20:02 -04'00'

Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

Cert Agency: BC-CBE
ANNIVERSARY DATE: MARCH 12TH

Broward County Board of County Commissioners
Mark D. Bogen • Lamar P. Fisher • Beam Furr • Steve Geller • Dale V.C. Holness • Nan H. Rich • Tim Ryan • Barbara
www.broward.org/econdev

State of Florida

Woman Business Certification

The Valerin Group, Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

10/19/2019 to 10/19/2021

Jonathan R. Satter, Secretary
Florida Department of Management Services

Department of MANAGEMENT SERVICES
Office of Supplier Diversity

Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-487-0915
www.dms.myflorida.com/osd

Names of Key Personnel and Role in this project. Name, title, name of firm, phone number, fax number, and email.

GCU Design-Build Team Key Personnel and Role on this Project					
Name	**Role**	**Title**	**Firm Name**	**Phone | Fax**	**Email**
Paul Kleinschrodt, PE, PMP	Project Manager, and Constructability & Design Reviews	Project Manager	GCU	251.725.0200, ext. 8 P 866.471.2753 F	pkleinschrodt@gulfcoastunderground.com
Spencer Tuell, PE, DBIA	Contract Design-Build Manager	Design-Build Manager	GCU	251.725.0200, ext. 9 P 866.720.9834 F	stuell@gulfcoastunderground.com
Darren Wacha	QA/QC Manager, and Constructability & Design Reviews	QA/QC Manager	GCU	251.725.0200, ext 14 P 866.471.2753 F	dwacha@gulfcoastunderground.com
Josh Martin	Safety Manager	Safety Manager	GCU	251.725.0200, ext. 11 P 866.471.2753 F	jmartin@gulfcoastunderground.com
Cynthia McGrail	Public Outreach Manager	Communications Specialist	Valerin	512.431.5430 P 813.925.4205 F	cynthia@valerin-group.com
Justin Bennett	Construction Manager	Construction Manager	GCU	228.323.8869 F 866.471.2753 P	jbennett@gulfcoastunderground.com
John Staggs	Pipe Bursting Manager	Field Manager	GCU	256.762.0855 P 866.471.2753	staggsecinc@aol.com
Robert Lindley	Senior Estimator	Senior Estimator	GCU	251.725.0200, ext 7 P 866.471.2753 F	rlindley@gulfcoastunderground.com
Mark Tomczyk, PE, LEED GA	Design Manager	Engineer Program Manager	Woolpert	305.351.2948 P 937.461.0743 F	mark.tomczyk@woolpert.com
Lee Smith, PE, PMP, D.WRE	Design Quality Assurance/Project Scheduler	Senior Engineer	Woolpert	770.280.3605 P 937.461.0743 F	lee.smith@woolpert.com
Joe Margio, PE	Lead Civil and Utilities Design Engineer & Permitting	Engineer	Woolpert	407.381.2192 P 937.461.0743 F	joe.margio@woolpert.com
Bill Whidden, PE	Utilities Design & Permitting Engineer	Engineer Designer	Woolpert	407.381.2192 P 937.461.0743 F	bill.whidden@woolpert.com
Kim Wendzel, EI	Utilities Design & Permitting	Engineer	Woolpert	407.381.2192 P 937.461.0743 F	kim.wendzel@woolpert.com
Becky Williams	Utilities Design & Permitting	Engineer	Woolpert	407.381.2192 P 937.461.0743 F	becky.williams@woolpert.com
Bhargavi Pathakamuri, EI	Utilities Design & Permitting	Engineer	Woolpert	305.351.2932 P 937.461.0743 F	bhargavi.pathakamuri@woolpert.com
Jose Sanfiel, PSM	Surveyor	Surveyor	Woolpert	305.351.2942 P 937.461.0743 F	jose.sanfiel@woolpert.com

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, General Liability, Automobile Liability, Worker's Compensation, and Professional Liability and/or Errors and Omissions, evidencing the dollar amounts of the coverage.

ACORD

GULFCOA-01 LKIRBY

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 5/26/2021

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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Lucy Kirby, AAI
Thames Batre' Insurance PO Box 6989 Mobile, AL 36660	PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS: lucy@thamesbatre.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : National Union Fire Inurance Company of Pittsburgh,vPA	19445
INSURER B : Travelers Casualty Insurance Company of Americ	19046
INSURER C : Admiral Insurance Company	24856
INSURER D :	
INSURER E :	
INSURER F :	

INSURED

Gulf Coast Underground, LLC
5655 Middle Road
Theodore, AL 36582

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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 2,000,000
	CLAIMS-MADE X OCCUR			GL9894823	6/1/2021	6/1/2022	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 4,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 4,000,000
	OTHER:							$
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 2,000,000
	X ANY AUTO			CA5717840	6/1/2021	6/1/2022	BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
B	UMBRELLA LIAB X OCCUR						EACH OCCURRENCE	$ 5,000,000
	X EXCESS LIAB CLAIMS-MADE			CUP-0S158587-21-NF	6/1/2021	6/1/2022	AGGREGATE	$ 5,000,000
	DED X RETENTION $ 10,000							$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH) N / A			WC 15853397	6/1/2021	6/1/2022	E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
C	Pollution Liability			FEI-ECC-27560-01	6/1/2021	6/1/2022	Per Claim/Aggregate	2,000,000
C	E&O Liability			FEI-ECC-27560-01	6/1/2021	6/1/2022	Per Claim/Aggregate	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

To Whom It May Concern

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

Louis E Breillé

ACORD 25 (2016/03)

Workload of the Firm

For the prime DBF, or in the case of a Joint Venture (JV), list all completed and active projects that DBF or JV has managed within the past five years. In addition, list all projected projects and dollar value that DBF or JV will be working on in the near future. Projected projects will be defined as a project(s) that DBF or JV has been awarded a contract, but the Notice to Proceed has not been issued. Identify any projects that DBF or JV is working on concurrently and dollar value of remaining work. Describe Vendor's approach in managing these projects. Were there or will there be any challenges for any of the listed projects? If so, describe how Vendor dealt with or will deal with the projects' challenges.

Our principal staff are immediately available with the ability to commit the necessary time to ensure this project starts and remains on schedule. GCU's current dollar amount under contract is approximately $20 million. GCU meets the Fort Lauderdale requirements of performing on similar projects as shown in our proposal for gravity sewer systems in urban area using trenchless methods with over 15 years of experience with construction of gravity sewer systems using conventional open cut and municipal installation of gravity sewer systems in urban environments of Florida and has successfully installed at least 25,000 feet of wastewater collection systems in Florida. Below is a sampling of active or complete projects.

GCU Completed and Active Project History within last five years			
Project & Client Name	**Date(s)**	**Dollar Value**	**Remaining Value**
SRF Sewer Rehabilitation, Phase 1A, City of Macclenny, FL	**June 2020–Present**	**$3.4 million**	**$390,000**
Service/Approach to Managing the Project: Excavation and Trenchless Rehabilitation. Challenges/Resolved: GCU worked with the consultant to value engineer a dig and replace scope to trenchless rehabilitation.			
CDBG Sewer Improvements Phase III, City of Port St. Joe, FL	**July 2020–Present**	**$927,000**	**$12,000**
Service/Approach to Managing the Project: Trenchless Rehabilitation. Challenges/Resolved: Flow conveyance issues resulted in a redesign from CIPP to up-sizing via pipe bursting.			
Olanta Sewer Rehabilitation Project, Town of Olanta, SC	**April 2021–Present**	**$798,000**	**$560,000**
Service/Approach to Managing the Project: Excavation, Trenchless Rehabilitation and Manhole Rehabilitation. Challenges/Resolved: Coordinating multiple excavation, manhole rehabilitation and pipe bursting crews onsite simultaneously.			
Cured in Place Pipe Sanitary Sewer Rehabilitation 2019-2022, Montgomery Water Works and Sanitary Sewer Board, AL	**September 2019–Estimated completion September 2022, Annual Contract**	**$4 million/ year**	**$2,200,000 remaining in contract**
Service/Approach to Managing the Project: Pipeline Evaluation and Trenchless Rehabilitation. Challenges/Resolved: Work in the metro/urban area has required creative work schedules (nights and weekends).			
Sanitary Sewer Improvements to Serve the Plantation Drive and Clover Lane Area Phase I – FY 2019 CDBG, City of Butler, GA	**August 2020–October 2020**	**$520,000**	**None**
Service/Approach to Managing the Project: Pipeline Evaluation and Trenchless Rehabilitation. Challenges/Resolved: Laterals called for rehabilitation have been either pipe burst or dug in a manner to best serve the client.			
Gravity Sewer Rehabilitation, Town of Abita Springs, LA	**September 2019–Estimated Completion January 2022**	**$2.4 million**	**$112,000**
Service/Approach to Managing the Project: Pipeline Evaluation and Trenchless Rehabilitation. Challenges/Resolved: Narrow streets with high home density has made MOT and communication paramount.			
2021 Structural Defect Identification and Replacement, Jefferson County Environmental Service Department, AL	**June 2021–Estimated Completion November 2022**	**$5.9 million**	**None**
Service/Approach to Managing the Project: Pipeline Evaluation and Trenchless Rehabilitation. Challenges/Resolved: Work is county-wide, inclusive of the urban areas of downtown Birmingham. MOT and communication has proven to be the key to success.			

Firm's Past Experience

Firms should submit any information they deem appropriate for evaluation of past performance with projects similar in nature to the one under consideration by the City.

The following successfully completed collaborative delivery (Design-Build) projects in the last five (5) years with a contract value of at least $2,000,000.00 are similar in Scope to this project.

Title: EASTSIDE-WESTSIDE INTERCEPTOR REHABILITATION (DESIGN-BUILD) **Location: Albany, Georgia**	
Client name/owner's representative name, address, phone number, and email	City of Albany Jeff Hughes, PE 401 Pine Avenue, Albany, GA 31701 229.883.8998 Phone, jhughes@albanyga.gov
Date project started and completed or is anticipated to be completed	August 2018–December 2020
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Jeff Hughes, PE City of Albany 229.883.8998 Phone, jhughes@albanyga.gov

Brief description of project and relevance to this contract

GCU was contracted by the City of Albany to provide Design-Build professional services to inspect and rehabilitate 33,000 LF of 24-inch to 54-inch sanitary sewer main. GCU mobilized inspection crews to perform the cleaning, CCTV, sonar, and mapping of the sewer mains and accomplished the field work within three weeks. GCU then processed the field inspection data and provided design phase services, including mapping the system, and drafting construction plan sheets and details and project specifications by licensed professional engineers within a two-month schedule, allowing construction to begin in January 2019. This Design-Build approach saved the City of Albany cost and, because of the fast track approach, cut a design phase schedule that normally takes many months down to two months. The construction phase of the project included trenchless rehabilitation of all main lines and Spectrashield rehabilitation of manholes.

We are confident this project is relatable in that initially we would intend to begin with a thorough investigation. Great data = great design = great deliverable. Anywhere pipelines can be repaired without the disruptions of digging will be a benefit to all parties. On this Albany project, we were able to complete 33,000 LF of pipeline renewal with only 100 LF of dig and replace.

Original budget vs. Final cost	Original: $ 15,000,000 Final: $ 15,000,000 GMP
Principal elements and special features of the project	Sonar, Laser and CCTV Pipeline Assessment, Bypass Pumping, Trenchless Rehabilitation of Sanitary Sewer (24-inch to 54-inch), Manhole Rehabilitation, and Concrete Reconstruction.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Challenges with access and bypass pumping were a constant throughout construction, yet the GCU team persisted and hit every production target throughout the life of the contract.
Present status of project	Complete

Title: MOULTRIE TRAILS AREA DRAINAGE IMPROVEMENTS **Location: St. Augustine, Florida**	
Client name/owner's representative name, address, phone number, and email	St. Johns County Don Ramdass 500 San Sebastian View, St. Augustine, FL 32084 904.209.0162 Phone, dramdass@sjcfl.us
Date project started and completed or is anticipated to be completed	August 2020–February 2021
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Don Ramdass St. Johns County 904.209.0162 Phone, dramdass@sjcfl.us
Brief description of project and relevance to this contract GCU performed the design, permitting, and construction for the replacement of a failing drainage outfall pipe routed through the Moultrie Trails subdivision in St. Augustine, FL. In the original bid, the basis of the design was to rehabilitate the 575 LF of aging 60-inch diameter Corrugated Metal Pipe (CMP) with Trenchless Rehabilitation methods to minimize the impact on the surrounding environment. GCU was able to design and execute a successful project utilizing CCTV investigation to identify the appropriate methods of rehabilitation. During the design phase, GCU was tasked with the Trenchless Rehabilitation of an additional 25 LF of 60-inch CMP. This project is similar to the project at hand in that the work area can be challenging to access and can be adjacent to buildings, pools, and residents. GCU prioritizes the utilization of minimally invasive repair techniques to reduce disruption to residents and facilities as much as possible. We understand that communication is key and, on this project in St John's County, it has been no different. We have held regular "town hall" meetings to ensure a fully informed public, while being mindful of our impact on the areas surrounding our job sites. Dewatering and excavation challenges at depths in excess of 20 feet in the sugar sands of Florida have us well prepared to tackle any excavations and dewatering required for this project.	
Original budget vs. Final cost	Original: $ 1,772,944 Final: $ 1,852,000
Principal elements and special features of the project	Pipeline CCTV and Cleaning, Well-pointing, Bypass Pumping, 60-inch Pipeline Dig and Replace, 60-inch Trenchless Rehabilitation, and Concrete Box Reconstruction.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Prioritization of the utilization of minimally invasive repair techniques to reduce disruption to residents and facilities as much as possible. Communication and regular town hall meetings were conducted.
Present status of project	Complete

Title: SRF WASTEWATER IMPROVEMENTS SYSTEM **Location: Lynn Haven, Florida**	
Client name/owner's representative name, address, phone number, and email	City of Lynn Haven Greg Kidwell 817 Ohio Avenue, Lynn Haven, FL 32444 850.258.8498 Phone, gkidwell@cityoflynnhaven.com
Date project started and completed or is anticipated to be completed	March 2018–May 2020
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Greg Kidwell City of Lynn Haven 850.258.8498 Phone, gkidwell@cityoflynnhaven.com

Brief description of project and relevance to this contract

Gulf Coast Underground (GCU) partnered with Panhandle Engineering to perform various improvements on Lynn Haven's wastewater system, including the full assessment and trenchless rehabilitation of over 100,000 LF of gravity sewer pipelines in a high-water table, sugar sand environment.

We believe that this project relates well to the project City of Fort Lauderdale in that the entire project focused on trenchless rehabilitation of gravity sewer mains and laterals. Our work plan was executed in coordination with the design-build team in a very systematic manner involving all stakeholders in the project. Daily communication on the location of crews as well as weekly and monthly progress meetings to update the team on progress and upcoming coordination conflicts were the norm. In Lynn Haven, we were in constant flux due to nearby paving operations, but with our commitment to the Design-Build Team, we changed course without issue. We understand that being flexible is a very important character trait when completing design-build work. Additionally, modification of "normal" work hours to minimize our impact on the surrounding community was commonplace in the execution of this contract. We would expect that similar flexibility in the work hours of our construction teams would be required for the successful completion of construction in Ft. Lauderdale.

Original budget vs. Final cost	Original: $ 3,008,000 Final: $ 3,008,000
Principal elements and special features of the project	Pipeline and Structural Evaluation and Assessment, Bypass Pumping, Trenchless Rehabilitation, Manhole Coating, MOT, and Wet Well coating.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Constant communication with the engineer to modify scope of work and various work locations to fit the needs of the client and to accommodate other utility construction and paving work occurring simultaneously in the work zones.
Present status of project	Complete

CITY OF Albany GEORGIA

May 27, 2021

To Whom It May Concern

RE: Gulf Coast Underground
City of Albany, GA Eastside and Westside Interceptor Sewer Rehab.
Design – Build Project

To whom it may concern:

This letter serves as a recommendation for Gulf Coast Underground (GCU). GCU was the contractor for the first design – build sewer contract for the City of Albany. The City chose to go the design build route in order to expedite the construction process and to provide a seamless transition from the design phase to the construction phase of the project.

The project consisted of 5.92 miles of CIPP liner of 24" to 54" diameter Reinforced Concrete Pipe and associated line inspection, cleaning, manhole lining, and bypass pumping. The project was completed within the $15 million budget and within the schedule to meet the GEFA loan requirements. All of this was done while dealing with COVID restrictions and crew downtime due to some infections. The project also had to deal with several weeks of high river and operational restrictions due to the lines being combined sewers.

The City was especially pleased with the coordination performed by GCU to minimize disruption to the Public and normal sewer operations. Bypass pumping was done in a manner to cause the least disruption to traffic. During work adjacent to the cemetery, GCU shut down operations for several hours to accommodate a funeral service. A byproduct of the lining project has been an increase in pipeline capacity in the amount of 25% over the original capacity.

PUBLIC WORKS
1900 N. Monroe St., Albany, GA 31701 | Phone: 229.302.1800 | Fax: 229.302.1834 |www.albanyga.gov

We would heartily recommend GCU to anyone who is contemplating a similar project.

Sincerely,

Jeffrey M. Hughes, PE
Sewer Systems Superintendent
City of Albany Sewer Division

PUBLIC WORKS

1900 North Monroe, Albany, GA 31701 | Phone: 229.302-1800 | Fax: 229.302-1834 | www.albanyga.gov

January 20, 2020

Gulf Coast Underground, LLC
5655 Middle Road
Theodore, AL 36582

Attn: Mr. Paul Kleinschrodt, PE, PMP RE: Reference

Paul,

I am pleased to have the opportunity to provide a letter of reference for your company. As you know, we use you as an example of the "the white hats" of contractors to everyone we deal with, a reputation that I know you have worked hard to develop and you and your employees should be proud of. After your last five-year maintenance contract inspecting, repairing and rehabbing manholes for Okaloosa County Water and Sewer System, as well as other clients that piggybacked off the contract, we can resoundingly recommend you to anyone interested in any of these services for their systems.

We, in association with Okaloosa County Water and Sewer, were equally pleased that GCU was a successful bidder on our newest rehabilitation maintenance contract that was just awarded in May 2019. The work on the first two task orders went well and as you know we are currently drafting Task Order #3 for work during FY2020 for them.

The level of quality we expect from manhole and gravity sewer lining-operations has reached a level that may not be attainable by other contractors and for that we can only express our thanks. After many years of miserable experiences, wasting countless manhours and clients' funds attempting to obtain decent lining in their gravity sewer systems from less than stellar contractors, working with you and all of your employees has been like a breath of fresh air.

All of the contracts with you have been obtained through the bid procurement process, so we are confident that not only do you perform stellar work, it is always at a fair and equitable price.

We, at Poly, as well as the County have always been exceptionally pleased with your work and we look forward to completing many more successful projects in the future and recommend GCU for manhole inspection and manhole rehabilitation projects of any size or scope.

Sincerely,
POLY, INC.

Beth Brant, P.E.
Principal Environmental Engineer

102 Sunset Lane
Shalimar, Florida 32579

Ph 850.609.1100 · Fax 850.609.1101
www.poly-inc.com

Post Office Box 841
Shalimar, Florida 32579

4.2.3 Qualifications of the Team

Project Team and Organization

GCU has successfully worked on numerous design-build and design-bid-build projects of similar size and complexity. Our team is familiar with the obstacles of weather here in the Southeastern U.S., having recently completed a multi-year $15M DB project in Albany, GA, during one of the busiest hurricane seasons on record, not to mention the COVID-19 pandemic.

Because of our team's extensive and in-depth experience, we are able to consider not just capital cost but also O&M and customer service implications for all projects. Our approach is to consistently deliver quality projects to our clients through continuous communications.

We have formed a formidable design-build team that meets and exceeds the intricate requirements of this project by assembling firms with proven track records of on time and under budget project delivery and maximum owner satisfaction. To continue developing this essential initiative and successfully deliver the needs of this high-priority urban design-build project, it is critical to retain highly experienced and trusted partners to assist the City of Fort Lauderdale with the execution of necessary construction and engineering services to support this critical program encompassing planning, utility design, regulatory permitting assistance, and construction execution for these planned system upgrades to the gravity sewer main infrastructure.

The DBF must identify all design and construction disciplines and specialty consultants that the DBF intends to employ in the design and construction of this Project.

GCU Design-Build Team Design and construction disciplines and specialty consultants						
Name	**Title/Role**	**Years' Experience**	**Area of Responsibility**	**Firm Name | Location**	**Education**	**Professional Registration | License**
Paul Kleinschrodt, PE, PMP	Design-Build Project Manager, and Constructability & Design Reviews	12	Construction	GCU Theodore, AL	BS, Civil Engineering	Professional Engineer, Florida, 78089
Spencer Tuell, PE, DBIA	Contract Design-Build Manager	15	Construction	GCU Theodore, AL	MS, Civil Engineering	Professional Engineer, Florida, 70718
Darren Wachu	QA/QC Manager, and Constructability & Design Reviews	34	Construction	GCU Theodore, AL	BS, Building Construction	General Contractor, Florida, CGC1516386
Josh Martin	Safety Manager	10	Construction	GCU Theodore, AL	BS, Occupation Safety and Health	NA
Cynthia McGrail	Public Outreach Manager	26	Public Outreach	Valerin Fort Lauderdale, FL	BS, English and Technical Writing	National Charette Institute (NCI) Certified Charette Facilitator
Justin Bennett	Construction Manager	21	Construction	GCU Theodore, AL	Field Certifications	NA

GCU Design-Build Team Design and construction disciplines and specialty consultants						
Name	**Title/Role**	**Years' Experience**	**Area of Responsibility**	**Firm Name | Location**	**Education**	**Professional Registration | License**
John Staggs	Pipe Bursting Manager	35	Construction	GCU Theodore, AL	Field Certifications	HDPE Pipe Welding
Robert Lindley	Senior Estimator	18	Construction	GCU Theodore, AL	Field Certifications	NASSCO (PACP, MACP, LACP)
Mark Tomczyk, PE, LEED GA	Design Manager	31	Design	Woolpert Miami, FL	MS, Environmental Engineering	Professional Engineer, Florida, 63171 LEED Green Associate
Lee Smith, PE, PMP, D.WRE	Design Quality Assurance/Project Scheduler	30	Design	Woolpert Atlanta, GA	MS, Civil Engineering	Professional Engineer, Florida, 50794
Joe Margio, PE	Lead Civil and Utilities Design Engineer & Permitting	37	Design	Woolpert Orlando, FL	MS, Civil Engineering	Professional Engineer, Florida, 40180
Bill Whidden, PE	Utilities Design & Permitting Engineer	42	Design	Woolpert Orlando, FL	MS, Civil Engineering	Professional Engineer, Florida, 24195
Kim Wendzel, EI	Utilities Design & Permitting	20	Design	Woolpert Orlando, FL	BS, Environmental Engineering	Engineer in Training, Florida, 495ET316
Becky Williams	Utilities Design & Permitting	33	Design	Woolpert Orlando, FL	Coursework	Engineer in Training
Bhargavi Pathakamuri, EI	Utilities Design & Permitting	10	Design	Woolpert Miami, FL	MS, Environmental Engineering	Engineer in Training
Jose Sanfiel, PSM	Surveyor	33	Surveying	Woolpert Miami, FL	Associate Degree	Professional Surveyor and Mapper, Florida, LS5636
See Resumes for information on any other professional qualifications relating to this contract.						

Sub-Consultants

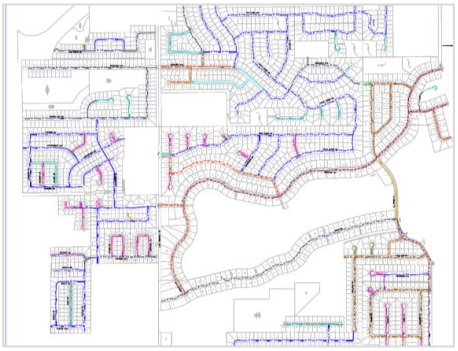
Consultant must clearly reflect in its Proposal any Sub-consultant proposed to be utilized along with a summary of their background and qualifications including but not limited to name of the sub-consultant, location of place of business, service(s) the sub-consultant will provide, license (if applicable), two (2) sub-consultant references, ownership, education, and experience.

GCU Design-Build Team Sub-Consultants on this Project					
Name	**Services**	**Title**	**Firm Name**	**Location**	**License**
Cynthia McGrail	Public Outreach Manager	Communications Specialist	Valerin	Fort Lauderdale, FL	N/A
Mark Tomczyk, PE, LEED GA	Design Manager	Engineer Program Manager	Woolpert	Miami, FL	PE, LEED
Lee Smith, PE, PMP, D.WRE	Design Quality Assurance/Project Scheduler	Senior Engineer	Woolpert	Atlanta, GA	PE, PMP, D.WRE
Joe Margio, PE	Lead Civil and Utilities Design Engineer & Permitting	Engineer	Woolpert	Orlando, FL	PE
Bill Whidden, PE	Utilities Design & Permitting Engineer	Engineer Designer	Woolpert	Orlando, FL	PE
Kim Wendzel, EI	Utilities Design & Permitting	Engineer	Woolpert	Orlando, FL	EI
Becky Williams	Utilities Design & Permitting	Engineer	Woolpert	Orlando, FL	N/A
Bhargavi Pathakamuri, EI	Utilities Design & Permitting	Engineer	Woolpert	Miami, FL	EI
Jose Sanfiel, PSM	Surveyor	Surveyor	Woolpert	Miami, FL	PSM

Sub-Consultants Alternative Delivery Projects

The following projects are provided for Woolpert, Inc. key personnel who performed a similar role as identified in the table above.

Woolpert, Inc.

Title: Rio Pinar Water and Wastewater System Improvements (Package 5) **Location: Orange County, FL**	
Client name/owner's representative name, address, phone number, and email	Orange County Utilities Steve Rapp, PE, Senior Engineer 9150 Curry Ford Road, Orlando, Florida 32825 407.254.9710 Phone, steve.rapp@ocfl.net
Date project started and completed or is anticipated to be completed	Start: March 2016 Completed: August 2018 (Construction)
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Steve Rapp, PE, Senior Engineer Orange County Utilities 407.254.9710 Phone, steve.rapp@ocfl.net
Brief description of project and relevance to this contract This is a wastewater collection system retrofit rehabilitation and potable water distribution system improvement project in east Orlando. This project included the evaluation for replacement of approximately 10 miles of water main and the rehabilitation/replacement of approximately 18.5 miles of 8-inch and 12-inch gravity sanitary sewer main and over 400 brick manholes. Final water system improvements included the replacement of approximately 16,025 LF of pipe below the minimum requirements for adequate flow or fire hydrant service. Additionally, 32 gate valves and/or tapping sleeves and valves, 170 water service connections, and other appurtenant water system work and restoration items were included. Asphalt pavement removal and replacement was minimal. Final wastewater system improvements included the replacement of 7,585 LF of gravity sewer pipe and 11 manholes. An additional 24,100 LF of gravity sewer pipe and 654 manholes were rehabilitated. Project services included preliminary engineering, survey (including subsurface utility engineering), final design, permitting, bidding assistance, and construction administration. The project began with the review of CCTV video tapes, smoke testing reports, and evaluation of the gravity sewer networks totaling 127,425 LF of vitrified clay pipe and 428 manholes to determine the existing conditions and prepare a comprehensive evaluation report. Topographic survey and underground utility verifications were conducted from right-of-way to right-of-way throughout the subdivisions. The preliminary design memorandums included recommendations for rehabilitation and/or replacement of the potable water and wastewater systems, as well as cost comparisons for rehabilitation and replacement options. Construction drawings and technical specifications were prepared for both the sewer system rehabilitation/replacement and water distribution system improvements. Florida Department of Environmental Protection (FDEP) permits for water and wastewater systems were obtained. Bidding services include a tabulation of bids, verification of the bidders qualifications, and preparation of a letter of recommendation. Construction Administration services included conducting a preconstruction conference, review of shop drawings, attendance of monthly progress meetings, and completion inspections.	
Original budget vs. Final cost	Original: $ 1M Design; Final: $ 1M Design
Principal elements and special features of the project	Water Distribution; Utility Coordination in Urban Setting; Scheduling and Cost Estimating; Public Right-of-Way and Private Property Permitting; Public Outreach.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Project was kept on time by keeping stakeholders continuously informed of schedules and making connections to new system during off peak times limiting any inconveniences. Client was informed of any issues early so to get proactive resolutions before stakeholders could be affected.
Present status of project	Complete

Title: International Drive Utility Improvements **Location: Orange County, FL**	
Client name/owner's representative name, address, phone number, and email	Orange County Utilities Christina Crosby 9150 Curry Ford Road, Orlando, FL 32825 407.254.9708 Phone, Christina.Crosby@ocfl.net
Date project started and completed or is anticipated to be completed	2011–2015 (Design) 2015–2019 (Construction)
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Christina Crosby Orange County Utilities 407.254.9708 Phone, Christina.Crosby@ocfl.net
This utility relocation project was required due to the widening of International Drive in South Orlando. Water system improvements include replacement of approximately 1,250 LF of 24-inch and 40 LF of 12-inch water main (WM). Gate valves and/or tapping sleeves and valves and other appurtenant water system work and restoration items were included. Reclaimed water system improvements included installation of approximately 7,915 LF of 24-inch main. Gate valves and/or tapping sleeves and valves and other appurtenant reclaimed water system work and restoration items were included. Wastewater system improvements included the installation of 210 LF of 12-inch FM, replacement of 210 LF of 12-inch gravity sewer main, and the rehabilitation of 1,385 LF of 18-inch and 3,315 LF of 15-inch gravity sewer pipe and three manholes. Valves and other appurtenant wastewater system work and restoration items were included. Project services included preliminary engineering, survey (including subsurface utility engineering), final design, permitting, bidding assistance, and construction administration. The project began with the review of CCTV video tapes, smoke testing reports, and evaluation of the gravity sewer networks totaling 127,425 LF of vitrified clay pipe and 428 manholes to determine the existing conditions and prepare a comprehensive evaluation report. Topographic survey and underground utility verifications were conducted from right-of-way to right-of-way throughout the subdivisions. A boundary survey was performed at the location of the proposed new pump station site. The preliminary design memorandums included recommendations for R&R of the potable water and wastewater systems, as well as cost comparisons for R&R options. Construction drawings and technical specifications were prepared for both the sewer system R&R and water distribution system improvements. Florida Department of Environmental Protection (FDEP) permits for water and wastewater systems were obtained. Bidding services included a tabulation of bids, verification of the bidder's qualifications, and preparation of letters of recommendation. Construction administration services included conducting a preconstruction conference, reviewing shop drawings, attending monthly progress meetings, and conducting completion inspections.	
Original budget vs. Final cost	Original/Final: $236,000 (Design) Original/Final: $3.8M (Construction)
Principal elements and special features of the project	Water Distribution; Utility Coordination in Urban Setting; Scheduling and Cost Estimating; Public Right-of-Way and Private Property Permitting; Public Outreach.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Due to the project being within a busy roadway corridor, collaboration with permit agencies and owner early on was key. Scheduling as much work outside of peak traffic times allowed for the construction to be completed efficiently with the least amount of inconvenience to the public as possible. Proactive discussions with the design team and contractor allowed for resolution to concerns prior to commencing the work. This kept the project on schedule and on budget.
Present status of project	Complete

The Valerin Group, Inc.

Title: Design-Build, North Palm River Drinking Water Design-Build/FY19 CIP Water Main Improvements Location: Tampa, FL	
Client name/owner's representative name, address, phone number, and email	Westra Construction Matt Hester, CGC, PMP 1263 12th Ave. E., Palmetto, FL 34221 941.713.6375 Phone mhester@westraconst.com
Date project started and completed or is anticipated to be completed	Start: May 2016 Completed: November 2018
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Matt Hester, CGC, PMP Westra Construction 941.713.6375 Phone mhester@westraconst.com
Brief description of project and relevance to this contract Numerous homes in the Palm River area lacked access to a municipal water supply and were reliant on wells that tap into groundwater that is high in iron and hydrogen sulfide. Hillsborough County determined it was important to both community health and conservation initiatives that it provide high-quality drinking water through the North Palm River Drinking Water Project. Jointly funded by Hillsborough County and Florida DEP, the project involved designing, permitting, and constructing more than five miles of 6-inch and 8-inch diameter pipeline and installing approximately 90 fire hydrants at intervals along the pipeline route.	
Original budget vs. Final cost	Original: $ 124,760 Final: $16.5M Contract Value, Valerin $124,760
Principal elements and special features of the project	As the project public relations consultant, Valerin's design phase outreach included a campaign to educate residents in a largely Hispanic community on the benefits of connecting to a treated drinking water source and eliminating well withdrawals. Construction phase outreach included regular updates on the impacts and progress of construction as well as coordination of residential sign-up and contractor connections to the County's new water supply water. As part of the communications team, Valerin received a Prestige Award for Community Relations from PRSA Tampa Bay for this project.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Conservation education was included in the overall outreach scope throughout the duration of the project. As a result of our outreach and education efforts, 318 out of 370 eligible residences (86% of the community) elected to connect to the new county water supply service.
Present status of project	Complete

Title: Design-Build, Dale Mabry Wastewater Treatment Plan Diversion Project, Phase I & Phase II **Location: Tampa, FL**	
Client name/owner's representative name, address, phone number, and email	Hillsborough County Thomas Rawls, PE, Project Manager, Public Works Department 601 E. Kennedy Blvd., Tampa, FL 33602 813.209.3004 (office); 813.270.9742 (cell) RawlsT@hillsboroughcounty.org
Date project started and completed or is anticipated to be completed	Start: March 2015 Completed: September 2017
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Thomas Rawls, PE, Project Manager, Public Works Department Hillsborough County 813.209.3004 (office); 813.270.9742 (cell) RawlsT@hillsboroughcounty.org
Brief description of project and relevance to this contract As part of a water system modernization, Hillsborough County determined it was necessary to retire and remove the aging Dale Mabry Wastewater Treatment Plant and consolidate treatment at the Northwest Regional Water Reclamation Facility (NWRWRF). In addition to demolishing the Dale Mabry plant, a new transmission main and pump station was built in order to transfer wastewater flows to the NWRWRF. The project also entailed building a new reclaimed water pipeline for return of the reclaimed water to the Dale Mabry site where reclaimed water tanks and a new pump station were constructed on the plant site.	
Original budget vs. Final cost	Contract Value Phase I DB: $25.9M (Valerin $105,800) Cost Phase II DB: $10.9M (Valerin $66,150)
Principal elements and special features of the project	As the project public relations consultant, Valerin led the community outreach during both design and construction, including regular engagement with stakeholders, participation and coordination of HOA and special interest group meetings (e.g., Carrollwood Conservancy), public meetings, open houses, bilingual fact sheets, newsletters, door hangers, website content, and stakeholder database management. The project was awarded the 2017 Florida Section APWA Public Works Project of the Year and DBIA Project of the Year.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Demographic diversity and neighborhood safety messaging were key elements of our outreach strategy reaching over 1200 homes and communities along the project alignment.
Present status of project	Complete

4.2.4 Project Manager's Experience
The GCU Construction Team

Provide a comprehensive summary of the experience and qualifications of the individual(s) who will be selected to serve as the project managers overseeing the design and construction for the City. Individual(s) must have a minimum of five (5) years' experience in required discipline and have served as project manager on a minimum of three (3) previous occasions. Include their related work experience and qualification and copies of active licenses and certifications. Include the length of tenure with Firm. All proposed Project Managers must be committed for the duration of the Project and must have the City's approval prior to replacement.

Effective hands-on project management with an in-depth understanding of working on complex water main systems relied upon by a highly populated neighborhood will be critical for delivering this project to a successful conclusion.

The GCU team is led by **Paul Kleinschrodt, PE, PMP, as Project Manager** for GCU. He has over 12 years of experience and a background in civil engineering. His focus has been on the inspection, evaluation, design, and construction of sanitary sewer improvements projects. He has experience working in consulting engineering and construction through both traditional project delivery and Design-Build delivery approach. He has vast experience managing multi-million dollar infrastructure projects in Alabama, Florida, Georgia, Mississippi, Tennessee, Arkansas, and South Carolina. He has successfully delivered numerous Progressive Design-Build projects in Florida and Georgia.

Darren Wacha will provide QA/QC for construction. He has 34 years of experience and will provide oversight for deliverable documents, subcontract agreements, project planning and scheduling. He will conduct site visits as needed to perform project related duties, including efficiency, quality control, review of budgets, and productivity. He has overseen installation of over 500,000 LF of Mainline CIPP and the performance of over 6,000,000 LF of SSES.

Josh Martin will serve as Project Health and Safety Manager. He has 10 years of experience and oversees development and implementation of safety practices, audits functions for health and safety procedure implementation. Josh also ensures compliance with corporate, OSHA, and client safety requirements. In order to maintain safe working conditions Josh monitors and documents the effectiveness of safety control measures used throughout the company and conducts root-cause analyses of health and safety incidents.

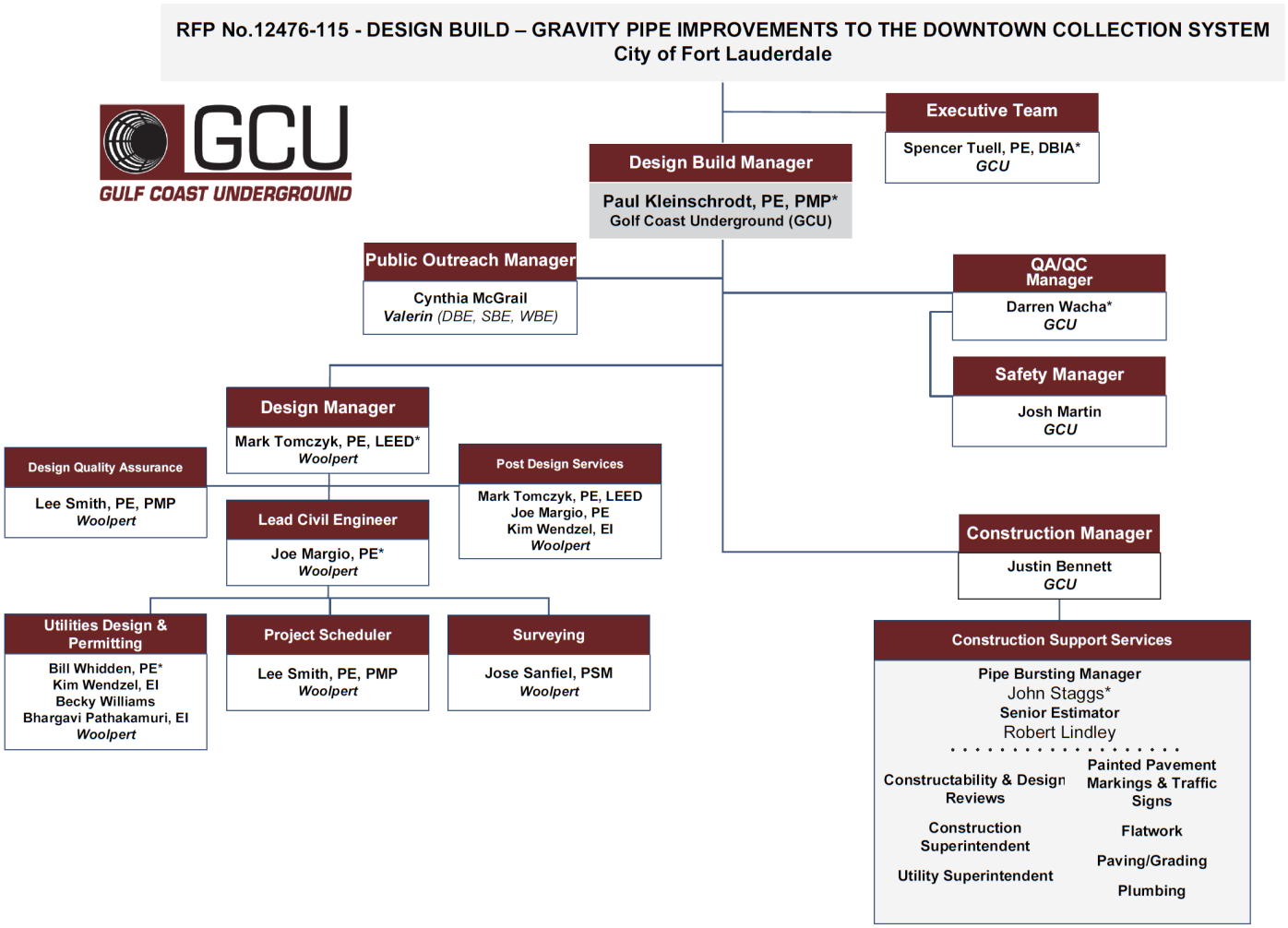
Justin Bennett will serve as General Superintendent/Construction Manager. He brings 31 years of experience managing and supervising the GCU heavy construction crews, including his role as on-site superintendent on large-scale projects. He is skilled in the operation of various heavy equipment, including excavators and skid steers, lifts and cranes, dewatering systems, shoring systems, and pipe bursting equipment. He maintains all general conditions of the project, including verification of quantities and cost and tracking change orders.

Our on-site **Pipe-Bursting Manager proposed for this project, John Staggs**, brings 35 years of gravity sewer rehabilitation experience to the team. John's trenchless rehabilitation experience includes over 300,000 LF of pipe-bursting and the rehabilitation of thousands of manholes. Specific to the urban environment of this project, John has pipe-burst thousands of feet in downtown metro-Nashville and has managed many pipe-bursting projects in the unique and difficult sugar sands common in Florida.

Robert Lindley will serve as Scheduler/Project Controls Specialist. He has over 18 years of experience focused on pre-construction, construction and project management of ground up and renovation general construction projects as well as project and construction management for the rehabilitation of water and wastewater collection systems. He has experience managing over 200,000 LF of inspection and rehabilitation work for both sanitary and storm water collection systems.

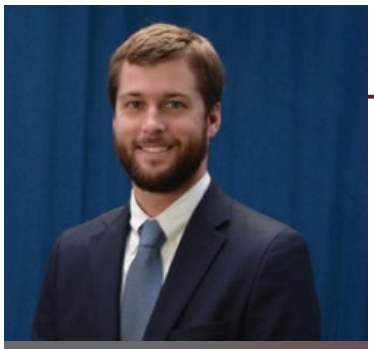
The engineering team will be led by Woolpert, as Lead Design Firm, with **Mark Tomczyk, PE, LEED GA, as Design Manager** and Joe Margio, PE, and Bill Whidden, PE, as our Lead Design Engineers with more than 40 years of experience in the implementation of infrastructure engineering replacement projects. Bill Whidden will be supported by Joe Margio, PE, of Woolpert for design production. In addition, Jose Sanfiel, PSM, will provide surveying. Lee Smith, PE, PMP, will be providing QA/QC for the project design and deliverables.

Organizational Chart of Proposed Team



***Seven resumes for Key team members follow this page. Listing of active licenses and certifications are included. Resumes for all team members can be provided upon request.**

Resumes



PAUL KLEINSCHRODT, PE, PMP

PROJECT MANAGER

YEARS OF EXPERIENCE
12, 4 with GCU

EDUCATION
B.S., Civil Engineering, University of South Alabama, 2010

REGISTRATIONS/CERTIFICATIONS
- Professional Engineer: Florida (78089) Georgia (39936) Alabama (34388)
- Certified Project Management Professional (PMI) No. 2070893
- NASSCO Pipeline Assessment and Certification Program (PACP, MACP, LACP) *U-0118-070300238*

AREA OF SPECIALIZATION
Utility Condition Assessment
Utility Rehabilitation
Infiltration/Inflow Reduction
SSES Surveys
Utilities Design
Civil Engineering

OFFICE ADDRESS
5655 Middle Road
Theodore, AL 36582

GCU GULF COAST UNDERGROUND

KEY QUALIFICATIONS

Paul is a Project Manager for Gulf Coast Underground, LLC. He has a background in civil engineering, and his focus has been on the inspection, evaluation, design, and construction of sanitary sewer improvements projects. He has experience working in consulting engineering and construction through both traditional project delivery and Design-Build delivery approach. He has vast experience managing multi-million dollar infrastructure projects in Alabama, Florida, Georgia, Mississippi, Tennessee, Arkansas, and South Carolina. He has successfully delivered numerous Progressive Design-Build projects in Florida and Georgia including Eastside-Westside Interceptor Rehabilitation, Albany, Georgia; Moultrie Trails Area Drainage Improvements, St. Augustine, Florida; and SRF Wastewater Improvements System, Lynn Haven, Florida in a similar role for this project.

RELEVANT PROJECT EXPERIENCE

Construction Project Management

Paul has construction project management and estimating experience successfully selling, procuring, and delivering projects to engineers and owners. He has managed field operations and coordination of subcontractors' scope, schedule, and production. His expertise lies in Sanitary Sewer Evaluation Surveys (SSES), delivering many unique projects geared toward reducing infiltration and inflow. He has managed SSES survey crews and reviewed technical data and prepared final deliverable reports for SSES projects. Construction trenchless rehabilitation Project Management experience includes small and large diameter pipe, manhole, and pump station rehabilitation.

Consulting Project Management

Paul has engineering consulting experience throughout all project phases, including master planning, design, permitting, bidding, construction administration, and close out. Paul managed project delivery for high profile projects through planning with clients, proposals, design, drafting, cost estimating, permitting, bidding, and construction with projects competitively won, sole sourced projects, and projects with teaming design consultants. He has managed grant funded projects through CDBG, ALDOT, USDA, ARC, SARPC, and others.

Paul has Design-Build experience, including large diameter (54-inch) pipe rehabilitation and wastewater treatment plant facilities with over 10 MGD in flow located in Florida and Georgia. He has developed and strengthened professional relationships with existing clients and marketed new clients throughout the southeastern United States. His project experience includes stormwater storage and conveyance, and stormwater permitting and compliance projects.

Paul's specific wastewater and environmental projects include evaluation, design, rehabilitation and construction of gravity collection systems, pump stations, primary and secondary treatment systems, biological process systems, bio-solids handling systems, decentralized wastewater treatment systems, and industrial process water treatment systems. His specific water system projects include systems evaluations, well system designs, ground and elevated storage systems, and distribution systems. Additionally, he has served as a consultant project manager for city Engineering Departments and delivered over 55 Capital Improvement Infrastructure Projects.

SPENCER TUELL, PE, DBIA

EXECUTIVE TEAM, CONTRACT DESIGN-BUILD MANAGER, PRESIDENT

YEARS OF EXPERIENCE
15, 9 with GCU

EDUCATION
B.S., Civil Engineering, University of Florida, 2005
Master of Engineering, Civil Engineering, University of Florida, 2006

REGISTRATIONS/CERTIFICATIONS
- Professional Engineer:
  Florida (70718)
  Georgia (043738)
  Louisiana (36952)
  Tennessee (122322)
  North Carolina (048814)
  South Carolina (36799)
- NASSCO Pipeline Assessment and Certification Program (PACP, MACP, LACP)
  U-714-06021879

AREA OF SPECIALIZATION
Utility Condition Assessment
Utility Rehabilitation
Infiltration/Inflow Reduction
Utilities Design
Civil Engineering

PATENTS
US Patent No. US 10,233,608 B2

OFFICE ADDRESS
5655 Middle Road
Theodore, AL 36582

GCU GULF COAST UNDERGROUND

KEY QUALIFICATIONS

Spencer is the President of Gulf Coast Underground, LLC. He has a background in civil engineering and his career has been focused on the design, construction, and rehabilitation of water/wastewater collection and treatment systems. He has experience managing over 6,000,000 LF of collection system inspection work and over 500,000 LF of collection system rehabilitation projects. Additionally, Spencer spent seven years at the Crom Corporation designing and constructing prestressed concrete storage/treatment structures in the Southeastern U.S. and Puerto Rico.

He has successfully delivered numerous Progressive Design-Build projects in Florida and Georgia including Eastside-Westside Interceptor Rehabilitation, Albany, Georgia; Moultrie Trails Area Drainage Improvements, St. Augustine, Florida; and SRF Wastewater Improvements System, Lynn Haven, Florida in a similar role for this project.

RELEVANT PROJECT EXPERIENCE

President, Gulf Coast Underground, LLC

Running a construction firm specializing in sewer assessment and full-service rehabilitation, Spencer is responsible for all estimating, project management, and business development in Louisiana, Georgia, Alabama, Tennessee, South Carolina, Arkansas, Mississippi, North Carolina, and Florida. He has served as the Design/Construction lead for over 6,000,000 LF of full-service SSES projects. He is responsible for technical sales and is a design expert for manhole and wet well rehabilitation and trenchless pipe rehabilitation while handling all scheduling and management of GCU's office personnel.

Spencer and GCU have delivered over $100M worth of SSES and rehabilitation projects specializing in NASSCO-Certified pipe cleaning and CCTV inspection, smoke testing inspection, manhole inspections, flow monitoring, pump station inspections, main line CIPP rehabilitation, lateral CCTV and CIPP rehabilitation, and manhole and pump station rehabilitation using SpectraShield and cementitious lining systems.

The Crom Corporation

Spencer managed construction and engineering contracts specializing in the structural design and construction of AWWA D-110 Type II and III pre-stressed concrete tanks used in the storage and treatment of both water and waste water. There, he prepared and submitted bids for both traditional design-bid-build work as well as design-build work. Additionally, he orchestrated meetings to negotiate construction scopes and contract values while contracting directly with municipalities and utilities on design-build work. Spencer represented The Crom Corporation at numerous AWWA, engineering society, and rural water conferences in multiple states and developed client relationships with consultant engineers and municipal owners alike while working in the field of technical sales for specialized tank design and construction. As Area Manager, he was the single point of contact for all work designed and constructed by The Crom Corporation within Louisiana and Mississippi.

As a Project Manager he managed over 25 tank construction projects in the NE Florida and Puerto Rico territory from concept to contract to construction. He oversaw all construction, billing, scheduling, and submittals for nearly $60M of contracted work. Spencer interacted with equipment manufacturers, general contractors, consultant engineers, and municipalities in order to efficiently design, bid, and build water and waste-water construction projects.

DARREN WACHA

QA/QC MANAGER, VICE PRESIDENT

YEARS OF EXPERIENCE
34, 7 with GCU

EDUCATION
B.S., Building Construction with Honors, University of Florida, 1995

REGISTRATIONS/CERTIFICATIONS
- Certified CIPP Installer
- Certified Jet/Vac Operator
- Certified Lateral Reinstatement Operator
- Certified CCTV Operator
- Certified Safety Training
- Certified Traffic Control MUTCD
- OSHA 30-hr Certified
- OSHA #500 Certified
- Certified Instructor for the National Center for Construction Education and Research
- First Aid/CPR
- ACI Certified Nozzleman
- ACI Certified Supervisor
- FL CGC 1516386

AREA OF SPECIALIZATION
Heavy Construction
Safety and Training Program
Trenchless Rehabilitation
Utility Condition Assessment
Utility Rehabilitation
Concrete Installation

OFFICE ADDRESS
5655 Middle Road
Theodore, AL 36582

GCU GULF COAST UNDERGROUND

KEY QUALIFICATIONS

Darren is responsible for managing all construction operations within Gulf Coast Underground, LLC. He provides company oversight across all projects using his specialized technical expertise in heavy construction and the trenchless rehabilitation industry. His extensive background in the construction industry allows him to provide the necessary oversight and quality assurance to deliver successful projects that utility owners can be proud of.

He has successfully delivered numerous Progressive Design-Build projects in Florida and Georgia including Eastside-Westside Interceptor Rehabilitation, Albany, Georgia; Moultrie Trails Area Drainage Improvements, St. Augustine, Florida; and SRF Wastewater Improvements System, Lynn Haven, Florida in a similar role for this project.

RELEVANT PROJECT EXPERIENCE

Gulf Coast Underground, LLC

Darren is responsible for managing all projects and operations within Gulf Coast Underground, LLC. He oversees project deliverable documents, subcontract agreements, project planning, and scheduling. He reviews shop drawings to assure conformity with project plans and specifications. He gathers and reviews technical submittals for projects. He reviews and approves purchase orders for material procurement. He conducts site visits as needed to perform project related duties, including efficiency, safety, quality control, review of budgets, and productivity. He has overseen installation of over 500,000 LF of Mainline CIPP and the performance of over 6,000,000 LF of SSES.

The Crom Corporation

Darren was responsible for managing prestressed concrete tank projects in the southeastern United States and Canada as a prime contractor and subcontractor. His role included project documents, subcontract agreements, project planning and schedule. Darren directed CAD operators in the preparation of shop drawings, reviewed shop drawings to assure conformity with project plans and specifications, gathered and reviewed submittals for projects, reviewed and approved purchase orders for material procurement, and conducted site visits as needed to perform project-related duties, including efficiency, safety, quality control, and review of budgets. Additionally, he led companywide training of Shotcrete Nozzlemen for ACI certification.

Safety and Training

Darren was responsible for corporate safety and craft training for over 400 field and 50 shop employees. He authored the corporate Safety Manual, Construction Manual, and Policy and Procedures Manual. He was responsible for enforcing Federal, State, Owner, and Corporate safety policies on over 80 projects per year in the Southeastern United States. Darren worked with the Safety Director on all Workers' Compensation aspects. He acted as liaison between management and field employees and performed many Human Resources duties, and was responsible for maximizing personnel and crew efficiency.

Superintendent

Darren has over 20 years of experience as a superintendent for heavy construction and residential builders. He has a background as a Framing Carpenter from being previously self-employed in the metal framing and roofing trades.

JOHN STAGGS

CONSTRUCTION, PIPE BURSTING MANAGER

YEARS OF EXPERIENCE
35 years, 2.5 with GCU

REGISTRATIONS/CERTIFICATIONS
- HDPE Pipe Welding

AREA OF SPECIALIZATION
Pipe Bursting
Manhole Replacement
Cementitious Lining
Construction Safety

OFFICE ADDRESS
5655 Middle Road
Theodore, AL 36582

KEY QUALIFICATIONS

John Staggs is the Pipe Bursting Division Manager of Gulf Coast Underground, LLC. He has an extensive technical background in field operations and managing multiple crews and has overseen multimillion dollar projects. John has over 300,000 LF of pipe burst experience ranging from 4-inch to 36-inch diameter.

Additionally, John has replaced and reconnected over 10,000 sanitary sewer laterals via either burst or full excavation.

He has successfully delivered numerous Progressive Design-Build projects in Florida and Georgia including Eastside-Westside Interceptor Rehabilitation, Albany, Georgia; Moultrie Trails Area Drainage Improvements, St. Augustine, Florida; and SRF Wastewater Improvements System, Lynn Haven, Florida in a similar role for this project.

RELEVANT PROJECT EXPERIENCE

Division Manager, Gulf Coast Underground, LLC

John's responsibilities include completing all field paperwork, QA/QC of installations, startup and testing, project estimating, and overseeing onsite project management on all pipe bursting projects. Other duties include supervising crew foreman and laborers, subcontractors, and material and equipment suppliers.

President, Staggs Environmental Construction, Inc.

John was responsible for overseeing daily work in both office and field. His experience includes pipe bursting and manhole rehabilitation, open cut dig and replace, landscape restoration and manhole replacement. He also bid and estimated work and provided job costing.

One of his largest pipe bursting projects includes over 75,000 LF in the Nashville metropolitan area.

Vice President, Beacon Construction

As vice president, John's experience included overseeing shotcrete and manhole lining crews, dig and replace sewer lines, and office operations. Additionally, he reviewed time sheets, safety operations, and estimating.

Superintendent, Steels and Sons

John, as superintendent, oversaw corrosion, tank lining, and manhole crews. He was responsible for managing a safe work environment and reviewing timesheets.

MARK TOMCZYK, PE, LEED GA

PROJECT DESIGN MANAGER

YEARS OF EXPERIENCE

31, 1 year with Woolpert

EDUCATION

M.S., Environmental Engineering, Penn State University

B.S., Civil Engineering, Penn State University

REGISTRATIONS/CERTIFICATIONS

- Registered Professional Engineer: Florida, 63171; Pennsylvania, 048718E; Alabama, 29062-E; Mississippi, 18259; Georgia, PE033059
- LEED Green Associate

MEMBERSHIPS

- Florida Engineering Society; SAME; American Society of Civil Engineers; National Society of Professional Engineers

AREA OF SPECIALIZATION

Design
Design-Build
Water and sanitary sewer infrastructure
Stormwater/resiliency
Gravity Sewer

OFFICE ADDRESS

11486 Corporate Boulevard,
Suite 190
Orlando, FL 32817

KEY QUALIFICATIONS

Mark is actively licensed as a professional engineer in five states, including the State of Florida since 2005. His vast engineering experience includes all aspects of civil/environmental engineering, including water and sanitary sewer infrastructure, and stormwater/resiliency projects for local government clients. His typical project roles include client interface, engineer of record, and project manager for study, planning, and design.

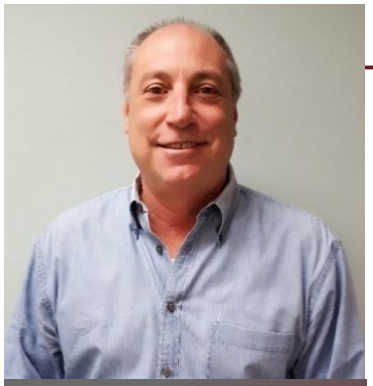
RELEVANT PROJECT EXPERIENCE

Countyline Corporate Park—Hialeah, Florida. Principle Engineer for the development of 504 acres into an industrial business center with approximately 8.3 million square feet of warehouses. Water and Sewer Master Planning for the overall 504 acres included the design of three City regional pump stations, approximately 37,500 LF of gravity sewer mains, 6,500 LF of sanitary sewer force mains (FM), and 30,175 LF of 12-inch to 16-inch water main (WM) within the public ROW. Phase I of the overall development plan was approximately 160 acres and was a portion of a previously permitted construction and demolition material landfill site located within the City of Hialeah Annex. This project consisted of the preparation of civil engineering design plans and specifications for the infrastructure necessary for the construction of approximately 2.3 million square feet of industrial buildings for Phase I. The sewer design comprised approximately 2,600 LF of 8-inch sanitary sewer FM combined, over 15,000 LF of 8-inch gravity sewer main, and the design and permitting of a sewer pump station.

Codina Beacon Industrial Park—Hialeah, Florida. Principle Engineer for the design of the off-site water and sewer infrastructure, which included the design of the City of Hialeah regional pump station with a capacity to service the 55-acre industrial site that will generate peak wastewater flows of approximately 324,000 GPD. The design also included over 2,600 LF of 8-inch sanitary sewer FM to connect to the future 12-inch sanitary sewer FM that will run within the NW 142nd Street corridor, 5,385 LF of 12-inch WM, and a 1,232 LF extension of a 16-inch D.I.P. WM.

NW 142nd Street Water and Sewer Improvements—City of Hialeah, Florida. Performed in the capacity of Sr. Project Manager/Engineer of Record responsible for overall project management, design, and preparation of construction documents for the construction of water and sewer improvements along NW 142nd St. between NW 97th Ave. to NW 107th Ave.; and along NW 107th Ave. between NW 138th St. to NW 142nd St. within the City of Hialeah Annex Area. This work included contracting and coordinating all work with subconsultant firms, including Environmental Scientist, Surveyors, Geotechnical, and Electrical Engineers, and the preparation and submittal of design calculations, agency regulatory compliance, including FDEP, City of Hialeah, Fire Department, RER (DERM), and the Health Department. The project required regulatory compliance with FDEP NPDES, SFWMD ERP, Miami Dade DERM Water Control and Water/Sewer, and Miami DADE WASD standards.

City of South Miami Sanitary Sewer Plan—South Miami, Florida. Senior Project Manager/Engineer of Record responsible for overall project management for the preparation of a sanitary sewer master plan, which includes obtaining information on existing sewer systems; developing a conceptual master plan, which includes layout of proposed sewer systems; and estimated costs of projects. Services included general project management, including attending meetings with City of South Miami and MDWASD staff to establish project guidelines and requirements. Additionally, we gathered all available data by performing site visits and reviewing available utility records, MDWASD sewer atlas, and as-build drawings.



JOE MARGIO, PE

PROJECT DESIGN ENGINEER

YEARS OF EXPERIENCE

36, 1.5 years with Woolpert

EDUCATION

M.S., Engineering, University of Central Florida

B.S., Limnology, University of Central Florida

REGISTRATIONS/CERTIFICATIONS

- Registered Professional Engineer: Florida, 40180; Maryland, 47135

PRESENTATIONS

- Design and Installation of a Large Force Main, The Conway Easterly
- Force Main Project in Orange County, Florida Water Resources, Journal, 1998

AREA OF SPECIALIZATION

Design
Design-Build
Water and sanitary sewer infrastructure
Stormwater/resiliency
Gravity Sewer

OFFICE ADDRESS

11486 Corporate Boulevard,
Suite 190
Orlando, FL 32817

KEY QUALIFICATIONS

Joe is a civil engineer with extensive experience as a senior project manager and engineer of record for all phases of civil, public utilities, and environmental engineering projects, including expertise in the preparation of planning studies, and plans and specifications for new public water and wastewater capital projects and rehabilitation projects.

Joe's work on utility infrastructure projects includes potable water transmission mains and distribution systems, sanitary sewer collection systems, wastewater pump stations and pressure FMs, drinking water supply, water storage and pumping, water and wastewater treatment plants, and treated effluent disposal facilities. He has practical experience with planning studies, water distribution system hydraulic modeling, site design, infrastructure design, development of contract documents, environmental permitting, and construction engineering and inspections for municipal, county, and private clients.

RELEVANT PROJECT EXPERIENCE

Pump Station R&R Package 24—Orange County, Florida. Project Engineer for the design and construction of improvements/rehabilitation of five existing sanitary sewer pump stations. The pump station improvements included refurbishment of the existing concrete structures, as well as replacement of all mechanical and electrical equipment at each pump station. In addition, minor site improvements were performed to bring the pump stations up to current County standards. The pump station capacities in terms of peak flow ranged from 100 GPM to 600 GPM. Engineering services provided included preliminary design, final design, preparation of contract documents, permitting, surveying, bidding assistance, and construction administration.

Georgia-Pacific Foley Cellulose Effluent Disposal System Pipeline Package B—Perry, Florida. Project Engineer providing engineering services for the construction of approximately 16 miles of 54-inch steel pipe and 48-inch ductile iron effluent transmission main. Woolpert services included preliminary engineering, geotechnical/environmental review, pipeline design documents, permitting, and construction phase services.

Hiawassee Road FM Rehabilitation—Orange County, Florida. Project Engineer supporting preliminary design, final design, permitting, and construction engineering and inspection for replacement of an existing 24-inch FM. The preliminary design included an evaluation of the current condition of the 24-inch FM from pump station 3038 through the high point (ARV) approximately 200 LF south of Tallowtree Lane using excavation and ultrasonic testing of key locations along the current pipe alignment. The total FM length under evaluation for this project is approximately 2,000 feet. The project study also included a review and evaluation of a major toll road crossing using the trenchless method. Final design for this project included preparation of contract documents and permitting, including permitting the toll road crossing with the Central Florida Expressway Authority.

Richard Crotty Parkway Utility Relocation and Improvements—City of Winter Park, Florida. Project Engineer providing support for permitting applications. Woolpert was contracted to provide design drawings and specifications for the City of Winter Park Water and Wastewater Utilities for the construction of WMs and FMs. Engineering services included preliminary review, design finalization, permitting and OCPW agreements, bidding assistance, construction administration services, and record drawings.

WILLIAM (BILL) WHIDDEN, PE

PROJECT DESIGN ENGINEER

KEY QUALIFICATIONS

Bill is a civil engineer with expertise in pipeline design and construction. He serves as a Project Manager for Woolpert's Water Group, leading projects from conception to completion, including planning, design, and construction. He has extensive experience in pipeline design, including FM transmission and distribution, trenchless technology, microtunneling, jack and bore, and alternative pipe materials. With a career spanning over 40 years, Bill is a valuable technical resource on a variety of complex water projects.

RELEVANT PROJECT EXPERIENCE

Dean Road Interceptor Sewer Rehabilitation—City of Orlando, Florida. Project Engineer for project that consisted of evaluation, preliminary and final design, permitting, bidding, and construction administration services for the rehabilitation of approximately 9,900 feet of 72-inch and 78-inch reinforced concrete cylinder pipe.

Georgia-Pacific Foley Cellulose Effluent Disposal System Pipeline Package B—Perry, Florida. Lead Design Engineer and Construction Administrator for design-build engineering services for the construction of approximately 16 miles of 54-inch steel pipe and 48-inch ductile iron effluent transmission main. Woolpert services included preliminary engineering, geotechnical/environmental review, pipeline design documents, permitting, and construction phase services.

Country Club Raw and Finished WMs—Seminole County, Florida. The purpose of this project was to redirect a portion of the existing raw water wells from a decommissioned water treatment plant to an upgraded water treatment plant. The proposed construction included 4,500 LF of 16-inch raw WM; 960 feet of 16-inch finished WM; and 2,900 feet of 20-inch finished WM. The project included horizontal directional drill installation of 700 LF of 20-inch diameter and 2,200 LF of 6-inch diameter potable WMs.

John Young Parkway Utility Relocation—Orange County, Florida. Project Engineer for project that included new raw and reclaimed water FMs within the John Young Parkway right-of-way due to Orange County's widening of the road to six lanes in each direction. The utility relocation included the design of 9,950 LF of 36-inch diameter wastewater FM and 6,625 LF of 36-inch reclaimed WM. Survey and engineering services included preliminary engineering (including hydraulic modeling), SUE, final design, preparation of construction documents, permitting, bidding assistance, and construction administration.

Reams Road Potable WM—Orlando, Florida. Project Manager for upgrade to the potable water system in western Orange County. The project provided fire protection and potable water service to residential developments along Lake Hancock road and will serve a proposed school on Port Road. The project involved the installation of 2.8 miles of 16-inch and 20-inch potable WM. The proposed 16-inch water transmission main begins at Bay Court (connection to an existing 16-inch WM) and runs along Reams Road past the Walt Disney World employee entrance to the intersection of Lake Hancock Road and Ficquette Road. A 20-inch WM extends along Lake Hancock Road to Port Road and continues to the school site.

YEARS OF EXPERIENCE

43, 10 years with Woolpert

EDUCATION

M.S., Civil Engineering, University of Central Florida

B.S., Civil Engineering, University of Central Florida

REGISTRATIONS/CERTIFICATIONS

- Registered Professional Engineer: Florida, 24195

MEMBERSHIPS

- American Society of Civil Engineers; Thrust Restraint Committee Member; American Water Works Assoc.; Steel Pipe Committee and PVC Pressure Pipe and Fittings Committee

AWARDS

- Lifetime Achievement in Engineering Award, 2013
- Howard M. Post Technical Achievement Award, 2005

AREA OF SPECIALIZATION

Design
Design-Build
Water and sanitary sewer infrastructure
Stormwater/resiliency
Gravity Sewer

OFFICE ADDRESS

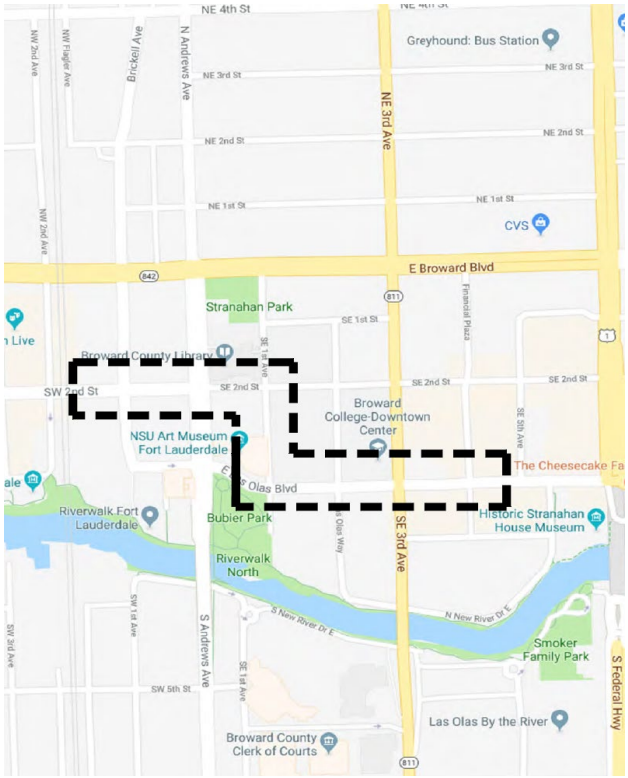
11486 Corporate Boulevard,
Suite 190
Orlando, FL 32817

4.2.5 Project Methodology & Approach

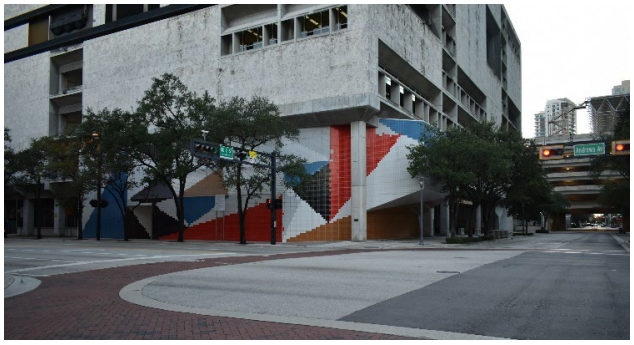
Provide a statement of the firms understanding of the project and methodology and approach to managing the project. Include a plan for completing the specified work including ability to meet time and budget requirements.

Executive Summary

The City of Fort Lauderdale is proceeding with the Gravity Pipe Improvements to the Downtown Collection System. This project is located in the right-of-way from approximate addresses of 100 to 400 E Las Olas Blvd., 200 to 300 SE 1st Ave. and 100 SE 2nd Street to 100 SW 2nd Street, in the City of Fort Lauderdale. The project consists of the replacement of undersized gravity sewer main lines with larger gravity sewer main lines in an urban area. The work to be accomplished under this contract includes, but is not limited to design, permitting, construction, testing, and startup for replacement of approximately 2,120 LF of gravity sewer and connected active laterals. Sewer service will be maintained to surrounding properties and other properties upstream. Since the project area is in a very active downtown and entertainment area, the intent of the project is to install the proposed improvements as unobtrusively as possible, utilizing techniques such as trenchless expansion, where possible. Included in the scope of work are design, permitting and



Downtown Project Area



construction, and construction management services, as well as inspection, construction certification, and all associated work as required to meet the project intent.

As part of our due diligence in creating this submittal, the GCU team proactively performed preliminary coordination with the City of Fort Lauderdale to validate existing water service areas, confirm existing infrastructure, and obtain a list of roadway and drainage Capital Improvement Projects. Our design-build team walked the entire project site to note all impacts.

The Downtown Collection System project requirements include the provision of all engineering design, regulatory approvals, construction activities, and final certifications for a fully functional and reliable installation of the proposed gravity sewer and connected active laterals improvements that include utility verifications, public involvement, topographic surveying, geotechnical investigations, detailed engineering design, technical specifications, regulatory permitting approvals, comprehensive construction activities (equipment, materials, testing, temporary bypass, tie-in connections, maintenance of traffic, restorations restoration within right-of-ways and private properties, etc.), and commissioning services.

The project consists of the replacement of the existing gravity sewer and connected active laterals in the City of Fort Lauderdale. The project includes approximately 2,120 LF of gravity sewer and connected active laterals to be designed and installed in the public right-of-way; temporary and permanent replacement of any existing utilities; right-of-way restorations (existing asphalt pavement removal and resurfacing, installation and replacement of affected sod, landscaping, etc.); debris removal, transport, salvage, and legal disposal of demolition material; public involvement (coordinates with existing customers, local residents, and City of Fort Lauderdale

engineering, construction, and operation groups); maintenance of traffic within public right-of-way; and final regulatory certifications (testing and as-builts).

Project Background

The City of Fort Lauderdale has identified this project, Project No. 12414, in the Comprehensive Utility Strategic Master Plan. The need to alleviate current and future capacity on the Downtown Fort Lauderdale gravity sewer system is evidenced by current surcharging and overflow and predicted needs and subsequent project recommendations stipulated in project No. WW7-1 of the Comprehensive Utility Strategic Master Plan (CUS Master Plan). The objective of Project No. 12414 is to replace the existing pipes with a system of pipes that are larger in diameter and of materials that are impervious to inflow from the high-water table, which according to hydraulic modeling found in the CUS Master Plan will reduce the likelihood of surcharging and satisfy future flow projections for the Downtown Collection System. The objective is to provide a design that will be as non-invasive to the community as possible, recognizing the local economic influence and thus providing plans that are timely and unobtrusive utilizing techniques such as trenchless technologies.

Ability to Meet Time and Budget Requirements

GCU has a long history of performance on conventional and design-build projects and has been exclusively performing infrastructure work as its core competency for over 17 years. We plan the work in detail through the design and construction process via a formal Critical Path Method (CPM) schedule that includes detailed design activities, reviews by the owner and regulatory agencies, procurement, and finally detailed construction phasing. We utilize look-ahead scheduling in concert with reporting field progress with quantity reporting daily. Budgets are reviewed via production reporting weekly based on quantities installed. A detailed cost report is issued for review by project supervision leading to adjustments as necessary in equipment, personnel, or crew sizing to ensure budgets are maintained.

GCU maintains a full office support staff for cost control accounting and estimating. Detailed take-offs and pricing for all elements of the work are performed as the designs reach completion. Formal Purchase Orders for material and sub-contracts for non-self-performing work are issued and reviewed in detail by executive management and coded into GCU's cost control system.

Field labor and equipment utilization is recorded on iPads by supervision daily. Therefore, a record of time and performance is maintained for each crew day. This information is rolled up into production reports detailing cost for supervision action as described above.

A preliminary CPM is provided later in this section that confirms our intention of meeting the critical 270-day substantial completion date, with all new sewer in service, as outlined by the RFP. Further, the road restoration completion will also be accomplished prior to the 300 days assigned in the project specifications. GCU owns its own equipment with supervision experienced in working in urban environments. Our staff will continuously update the status of schedule and budget, leading to early proactive decisions as opposed to reactionary approaches to keeping a project on target.

GCU understands the dynamics of design work and works hand in hand with its design team to ensure technical elements are met in an environment of teamwork and mutual respect, leading to solid team decisions for the benefit of the client and eventually its constituents. During the design process, our project manager and superintendent will attend all meetings with the City, homeowners, businesses, and regulatory agencies to explain and confirm our field approaches to the work.

Provide a conceptual design for the proposed Project. Include design, construction, planning, coordination, scheduling, maintainability and any other areas that utilize new or time saving techniques to accomplish the work in a timely manner without sacrificing quality. Include the maintainability of the water main and force main.

Pre-Design Engineering/ Surveying

Our team provides a multitude of pre-design engineering capabilities that include topographic surveying capabilities. The topographic surveying needs of our projects shall be managed by the GCU team and performed by Woolpert, who locally and nationally has performed necessary topographic surveys that required high degrees of topographic detail in support of major engineering, architectural, and planning projects for federal, state, and local government agencies and private developments. For example, Woolpert has performed surveys where the species and size of trees, historical markers, and other artifacts were of great importance and where care had to be taken to keep the survey area undisturbed.

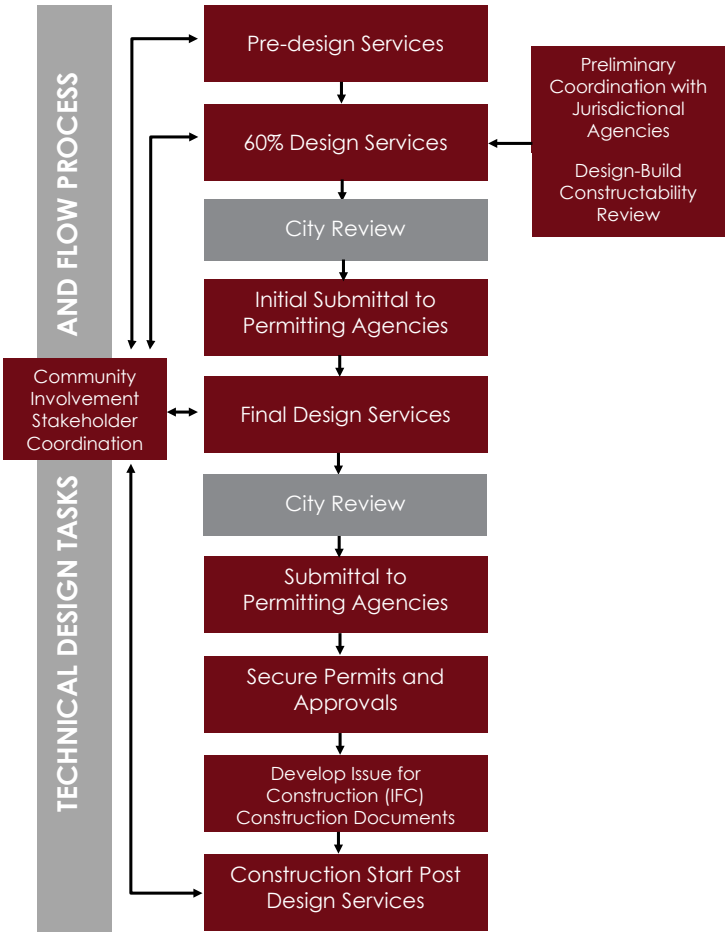
Woolpert has extensive surveying capabilities and experience, having used electronic total stations and data collectors to

perform surveys since they were made available in the mid-1980s. Electronic total stations and data collectors allow the user to record field measurements electronically, which has enhanced their ability to provide measurements faster and more accurately. With this capability, the possibility of errors from recording the data by hand is eliminated and recording is more efficient. Woolpert's survey crews also use fully electronic and robotic total station instruments with electronic data collectors for direct digital data transfers. The team's field survey crew chiefs average more than 15 years of experience and have performed surveys in metric format and understand the U.S. survey foot, as well as the international foot conversions.

With experience in both field and photogrammetric topographic/planimetric data collection, our team will be using appropriate methods based upon project parameters. If field topographic/planimetric data collection is the selected method, the team's field survey crews use pen-based computers and data collectors linked to real-time GPS and/or total stations. The field-compiled survey data is collected using field data collectors, which allows the field crew to locate utility structures, edge of pavement elevations, ground elevations, and topographic data, as well as features that are not obtainable through photogrammetric compilation due to heavy tree canopy or shadows in the photography. The team is well versed in the City of Fort Lauderdale's site survey requirements and is fully equipped and prepared to support all pipeline design work with our local survey crews.

Provided at right is the **Design-Build workflow process** the team will utilize for this project.

Design-Build Workflow Process Flow Chart



Permitting Support and Stakeholder Coordination

Permitting is key for successful water infrastructure and service improvements projects. Like all other sanitary sewer improvement projects, this project requires right-of-way utility, Broward County, and FDEP permit approvals. Approximately eight individual plumbing permits need to be obtained from the City, and individual permits will have stand-alone inspections from the regulatory agencies. Planning and coordination plays an important role in getting these permits and inspections on time to meet the schedule milestones. Woolpert has technology expertise to streamline the tedious permitting process. A permitting database is created and the database is fed to our secure iMeet Central tool, which will help effectively manage stakeholder requirements to track and workflow permit status and send out notifications well in advance of the permit expiration. The tool also helps schedule inspections with City crew and updates the permitting database once the permit inspections are complete.

Our team has a strong relationship with the permitting agencies listed in the following section, and we have been proactive in communicating with their representatives. We used the information obtained during these communications to prepare a list of permitting requirements.

Governing Regulations

Broward County Environmental Protection and Growth Management Department, South Florida Water Management District, Florida Department of Environmental Protection, and the Occupational Safety and Health Administration: The regulations and guidelines of these agencies will be followed except where explicitly described in this document. The most recent editions of the following publications will be used for the completion of the project:

1. Broward County Environmental Protection and Growth Management Department – A Consulting Engineer's

Guide for a Wastewater Collection/Transmission System Construction License Application.
https://www.broward.org/EnvironmentAndGrowth/EnvironmentalProgramsResources/Applications/Documents/GuideWaterCollTransSysConstruction.pdf

2. South Florida Water Management District Volume V – Permit Information Manual, Criteria Manual for the Use of Works by the District.
https://www.sfwmd.gov/sites/default/files/documents/swerp_applicants_handbook_vol_ii.pdf
3. Florida Department of Transportation (FDOT) – Design Standards and Specifications.
https://www.fdot.gov/design/standardplans/DS.shtm
4. OSHA Regulations for Construction – Title 29, Part 1926, Construction Safety and Health Regulations, Code of Federal Regulations (OSHA).
https://www.osha.gov/laws-regs/regulations/standardnumber/1926
5. OSHA Standards – Title 29, Part 1910, Occupational Safety and Health Standards, Code of Federal Regulations (OSHA).
https://www.osha.gov/laws-regs/regulations/standardnumber/1910/
6. Florida Building Code.
https://www.floridabuilding.org/c/Default.asp

Geotechnical Considerations

For this project, it is anticipated that pipe bursting pipeline installation will be located within the existing pipeline approximately 6 to 10 feet from the surface. The RFP had provided a geotechnical evaluation that consisted of the following: Drilled 6 Standard Penetration Test (SPT) borings in general accordance with ASTM D 1586 to depths ranging from approximately 10 to 15 feet; Evaluation of the groundwater conditions within the borings; and Classification of the soil samples collected in general accordance with the Unified Soil Classification System (USCS) and resultant laboratory testing on selected samples.

The resulting recommendation for backfill included:

For Bedding. From the Geotechnical report, it was assumed that the invert elevations of the proposed utility pipelines will range between approximately 3 to 10 feet below grade. The granular soils or natural limestone formation encountered between these depths are expected to provide adequate support for utility pipelines. It was recommended at least 6 inches of structural fill material be used for pipe bedding when the invert elevations are at least 24 inches above groundwater levels (natural or pre-drained by dewatering). The bedding material should conform to structural fill and backfill materials free of organic matter and consist of granular material containing less than 12% passing by dry weight the U.S. Standard No. 200 mesh sieve. The fill material may be composed of either clean sands and/or limerock. The fill material should have no particle size in excess of three inches and have a Unified Soil Classification System (USCS) designation of GP, GW, GP-GM, GW-GM, SP, SW, SP-SM, or SW-SM. Additionally, bedding material should have a maximum particle size of two inches. In the event that very loose sands, fine-grained soils (e.g., silts), organics, and/or other deleterious materials be encountered at or below the pipe invert elevations, these materials should be undercut and replaced with well-compacted structural fill. The bedding surface should be uniformly compacted to at least 95% of the Modified Proctor maximum dry density determined per ASTM D-1557 (AASHTO T-180).

For Backfilling. Soils to be used in the trench backfill will consist of either clean sands and/or limerock. The fill material should have no particle size in excess of three inches and have a Unified Soil Classification System (USCS) designation of GP, GW, GP-GM, GW-GM, SP, SW, SP-SM, or SW-SM. Additionally, bedding material should have a maximum particle size of two inches. In the event that very loose sands, fine-grained soils (e.g., silts), organics, and/or other deleterious materials be encountered at or below the pipe invert elevations, these materials should be undercut and replaced with well-compacted structural fill. The bedding surface should be uniformly compacted to at least 95% of the Modified Proctor maximum dry density determined per ASTM D-1557 (AASHTO T-180). In-place density tests should be performed by a qualified soils technician working under the supervision of a geotechnical engineer in accordance with appropriate ASTM and/or AASHTO procedures. Any fill indicating less than the recommended relative compaction should be recompacted until the required density is obtained prior to the placement of subsequent fill lifts or pouring concrete for substructures. Structural fill or backfill placed below the water table and to a height of one foot above it should consist of a combination of FDOT No. 57 Stone and structural fill material mixed in an approximate 50% proportion by volume. Density testing will not be required within this layer; however, the subgrade preparation work should be observed by a representative from our office to confirm that the material is in a stable and unyielding condition.

Excavation and Backfill

Our team will adhere to the requirements of the geotechnical evaluation to be performed by our subconsultant, project specifications, and the most recent standard details of the City:

1. Based on the expected soil conditions and proposed depth of the water main, excavation will be done by cut slopes in some locations. In crossings, in order to go under existing utilities, the excavation must be cased or shored

following the Occupational Safety and Health Administration (OSHA) standards.

2. Backfill material will be placed on 6-inch lifts and compacted to 98% of maximum density per AASHTO T-180.
3. Transverse and parallel trench restoration will be performed following City Standard Details, as shown in our provided conceptual plans.

Permitting Process

As with sanitary pipeline projects, several permit approvals from a number of regulatory agencies and departments will be necessary. This process requires in-depth and close coordination between the design team and various agencies in Broward County. Woolpert is intimately familiar with the permitting process for all jurisdictional agencies and municipalities within the County, and we will implement pre-application permit procedures. The types of permits required are as listed below:

- City Review and Approval of Plans and Specifications.
- City Utility Transmission Sewer Capacity Certification.
- Florida DEP Sanitary Sewer Line Construction Permit.
- Broward County/City DOT.
- Various cities' Public Works.

Also, we will coordinate with SFWMD and the Water Control Division, if Dewatering Permit Class V is required. Our working relationship with the various local, state, and federal regulatory agencies is very well established. This experience extends to all the local municipal building officials, as well as municipal utilities and public works departments. Through our long-standing relationships and local experience, we have a clear understanding of the permitting processes and procedures and can navigate through them efficiently and deliver them in a timely fashion. Upon approval from regulatory agencies, these plans will be issued for construction and will include emergency contact information as required by the City. Final record drawings will be submitted to the City and regulatory agencies for required certifications.

Environmental Management

Understanding that construction can create environmental concerns, not to mention homeowner inconveniences, we place close attention on maintaining adequate noise control using sound barrier enclosures for dewatering operations, dust control to prevent air-borne dust from dispersing into the atmosphere, and water control to prevent damage to the project site/adjacent property areas and properly direct drainage avoiding flooding and erosion; utilizing effective safety measures to allow work to progress efficiently while minimizing associated harmful risks; and implementing organized maintenance of vehicular and pedestrian traffic measures to minimize disruptions and inconveniences to residential and business owners by maintaining continuous access to their properties.

Quality Assurance/Quality Control

Both GCU and Woolpert have internal quality assurance (QA) and quality control (QC) plans, which are directed to provide a high level of service standard to our clients, in this case to the City. **As shown in our organizational chart provided for this specific design-build project, Lee Smith, PE, PMP, will be providing QA/QC for the project design and deliverables, and Darren Wacha will provide QA/QC for construction.**

QA will involve verification that the project-specific QC Plan that is being implemented and the services being provided are meeting the requirements from the City. QC will determine that established procedures are followed and the requirements of the scope of services are met in accordance to the standards. The review process will be performed as stated below:

1. The Project Manager and Designer indicate that deliverable is complete and is ready for review.
2. Our QA/QC Manager will perform a thorough review of the deliverable and inform the Project Manager and Designer of any comments.
3. The Project Manager and Designer will indicate concurrence with the corrections and revise the deliverable as needed.
4. The QA/QC Manager will perform a final review and verify the incorporation of all agreed changes.
5. As part of the deliverables to the City, redline comments of the QA/QC will be provided to the City as needed.

Maintainability of the Existing Sanitary Sewer Main

As part of the design criteria package, information of existing utilities was provided by the City. We will incorporate these existing utilities, including water main and force main, to our plan and profile views. Before start of construction, all utilities will be field located. Our plan is to protect the existing water mains called to be replaced on the design criteria package, maintaining all active water services until the new water main is cleared for use. Any new water main work will provide adequate separation from the new force main. The existing utilities will be protected and will remain in service.

Describe approach to minimizing impact to surrounding neighbors, businesses, and travelling public.

Our team fully understands that one of the most important components of a successful construction project is communication, not only with the staff from Public Works or City officials but also with the City's neighbors.

We will initiate this project by developing a Community Awareness Plan (CAP). The CAP will include outreach initiatives divided by phases (design, pre-construction, and ongoing and post-construction activities). These initiatives will be developed using the City's Office of Strategic Communications guidelines and recommendations.

Community Awareness Plan/Public Outreach

The City of Fort Lauderdale has placed a high priority on and expended a great deal of time and energy on soliciting the community and stakeholders for feedback on Small Diameter Water Upgrades projects like the Downtown Collection System. The GCU team understands the City of Fort Lauderdale's commitment to being a good neighbor and friend to customers throughout the City. This public involvement and outreach plan shall focus on soliciting input from the community with the goal of minimizing impacts to the project to gain public acceptance of the proposed improvements, including the technical elements and overall cost, as well as the consequences of not moving forward to improve service capabilities.

During the design-build process, it is important to communicate with the community prior to work commencing. Our public outreach efforts will consist of reaching out to those property owners/businesses who are directly affected by the construction.

Our team will coordinate with the City of Fort Lauderdale to engage the community and key stakeholders as needed, and we understand that, to the average citizen, these projects resemble county-wide road construction projects that will create dust, noise, and traffic disruptions. They will not see the underground pipeline work being performed as it progresses; however, they will be well aware of the traffic congestions, resulting maintenance of traffic detours, and the potential for business disruptions. Due to these varying impacts, effective public involvement is required to ensure that while progress is ongoing public disruption is held to a minimum. The GCU team will implement public outreach efforts to allow impacted residents to be able to verify the project locations through advanced notifications of construction progress, inclusive of planned service disruptions; appropriate public and news community contact information in the event of any questions or to address specific concerns; and informational meetings to notify the public of the project work to be performed and its associated impact.

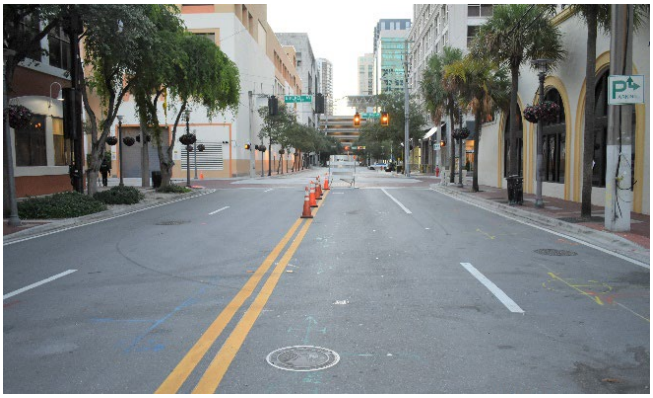
Describe approach for minimizing lane closures, lanes reductions, maintenance of traffic (MOT) plan, and reducing traffic impacts.

Maintenance of Traffic Plan

Maintenance of Traffic (MOT) is a critical feature of this project to minimize localized impacts to residents (motorists, bicyclists, pedestrians, etc.) and businesses (commercial and industrial) that includes truck routing plans, if needed. It is imperative that the traveling public, whether vehicular or pedestrian, be safe while traversing through the project limits. Similarly, it is critical that all parties involved during the construction activities (i.e., contractors, inspectors, and other team members) place "safety first" and are protected from moving vehicles. Our strong expertise has been reinforced through numerous Florida Department of Transportation and City of Fort Lauderdale transportation planning services over the past 30 years. Our team holds a strong commitment to minimizing the impact of construction on traffic flow and of maximizing safety for workers. GCU intends to subcontract this work once the design and permitting has reached the 100% milestone, prior to construction.

Well-developed MOT plans are of critical importance in adequately providing a continuous flow of vehicular and pedestrian traffic in the affected project area, as well as in maintaining the City of Fort Lauderdale staff and construction crews' safety from vehicular traffic accidents within the work zone. Our MOT plans shall be specifically developed to address the major issues that occur while construction activities are performed within residential neighborhoods, including:

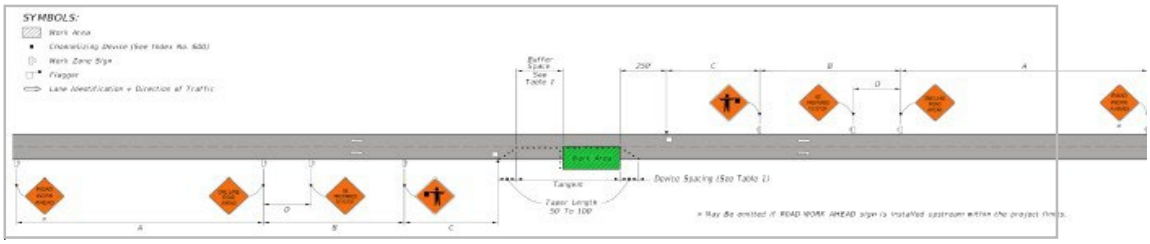
- Public service operational fluidity of all public services.
- Uninterrupted solid waste pick-up and mail service.
- Access for emergency and essential services, such as police and fire rescue, public transportation (school buses and public buses), and local residential traffic needs.
- Maintaining overall vehicular and pedestrian safety through the work zone.



The fundamental goal of a successful Traffic Control Plan (TCP) is to provide safe movement of the traveling public through construction zones. Effective design practices to achieve this goal include minimizing traffic shifts, road closures, and detours for vehicular, pedestrian, and bicycle traffic while maintaining accesses to residences, schools, and commercial properties within the project limits. Essentially, the least amount of changes made to the existing traffic patterns will greatly minimize the likelihood of accidents in a work zone. It is also of paramount importance to maintain access at all times and identify the presence of any large traffic generators and the times at which they typically generate traffic so that special provisions can be made to minimize the impact to properties. Our approach is to identify the special needs and stakeholders of the project area and to work with them to determine when the best working times occur. We will identify times where lane closures will be of the largest detriment to the community, and we will place special notes and provisions in the plans and contract documents to ensure that lane closures within these critical times are not implemented.

TWO-WAY, TWO-LANE ROADWAY

These roadways are typically within 40–50 feet roadway (R/W) and are maintained by the City of Fort Lauderdale. Our design approach will be to maintain traffic on this type of road through the use of a single lane closure, as depicted in FDOT Standard Index 603 (Sheet 1 of 3) shown below.

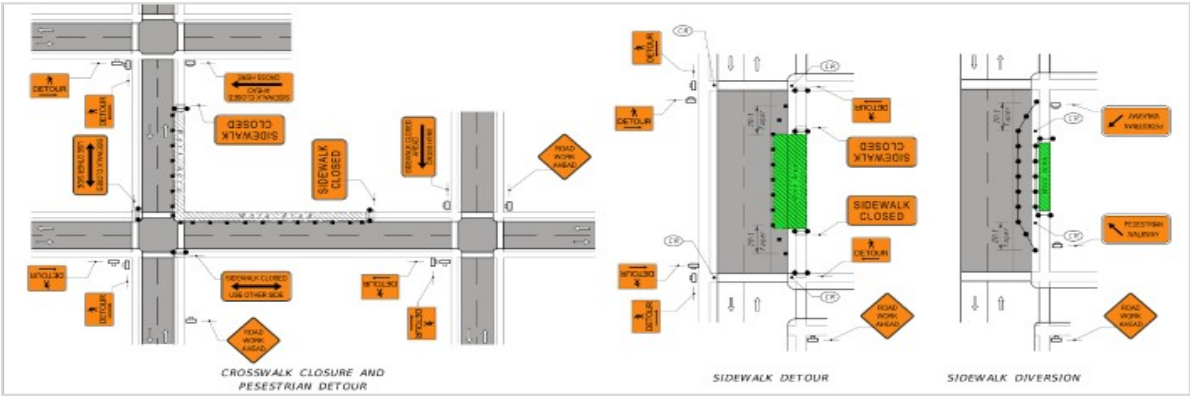


FDOT STANDARD INDEX 603

While it will be our goal to maintain one lane of traffic for these facilities, a full road closure with a detour may be required in some instances. In the event that the required trench sizes and location within the existing roadway may require that both lanes be impacted for the installation of the water main due to existing conditions and proposed improvements, these detours will be similar to the latest editions of the Florida Department of Transportation Design Standards 600 Series and the *Manual on Uniform Traffic Control Devices (MUTCD).* It will be of utmost importance that all local access during the road closure is maintained and that this provision be added to the plans and project specifications.

PEDESTRIAN/BICYCLE MOT

In addition to creating a safe and traversable TCP phasing for the vehicular traffic, it is just as important to ensure that pedestrian and bicycle traffic be maintained through all work zones during all projects. The pedestrian traffic is maintained by the implementation of FDOT Standard Index 660. It should be noted that on FDOT-maintained roadways, the use of Longitudinal Channelizing Devices are now required in any instance where the pedestrian traffic is being maintained on the roadway surface.



FDOT STANDARD INDEX 660

The above Maintenance of Traffic (MOT) approaches are anticipated to apply for most or all of the project requirements for this program based on a review of the City of Fort Lauderdale's Capital Improvement Plan for priority small diameter water and wastewater main upgrade assignments and its updated City of Fort Lauderdale website in an effort to show representative regulatory and construction requirements for various roadway maintaining agencies from an MOT perspective.

CONSTRUCTION SEQUENCE AND STAGING

Upon finalization of IFC Drawings and Specifications and obtaining the applicable roadway/right of way permits from the respective agencies, GCU will commence construction of the gravity sewer main and sewer services to the right-of-way for each identified active service location based on the shot plan identified in the design process. The access trenches will be immediately backfilled and a temporary asphalt patch or road plate will be installed to restore access to the roadway in as little time as possible. Concurrent with this effort, the process of installing the clean outs for the sanitary sewer services will take place.

UNINTERRUPTED SERVICE

GCU will install the gravity sewer main in a fashion that causes no interruption to existing services or other utilities. Marking and locating utilities before commencement of work is mandatory. Once the new gravity sewer main is installed and tested, the sanitary sewer connection to the property will be made within a reasonable time frame.

CONSTRUCTION SERVICES

Prior to commencing with construction activities, the GCU team can conduct a Pre-Construction Meeting with all stakeholders to address their individual concerns. Following project award, we will perform a pre-construction audio/visual record of this project, identifying the time and date of this work and recording the preconstruction condition along the entire length of the project, which will be provided to the City of Fort Lauderdale as the documented record of existing conditions. In the initial mobilization phase, a construction staging plan will be provided for the City of Fort Lauderdale's review and approval for the staging of necessary equipment, materials, and machinery. During the course of this project, our design-build team will work closely with the City of Fort Lauderdale and provide advanced notifications of upcoming activities to the City and homeowners via email on a weekly basis.

A project website will be implemented to provide information relative to the project's status and construction technologies. Newsletters are utilized for public and key stakeholder information purposes to notify residents of the current progress, pending work items, and other outstanding issues that are important to the public. Understanding that construction creates homeowner inconveniences, we place close attention to maintaining adequate noise control using sound barrier enclosures for dewatering operations, dust control to prevent air-borne dust from dispersing into the atmosphere, water control to prevent damage to the project site/adjacent properties areas and properly direct drainage avoiding flooding and erosion; utilizing effective safety measures to allow work to progress efficiently while minimizing associated harmful risks; and implementing organized maintenance of vehicular and pedestrian traffic measures to minimize disruptions and inconveniences to residential and business owners by maintaining continuous access to their properties.

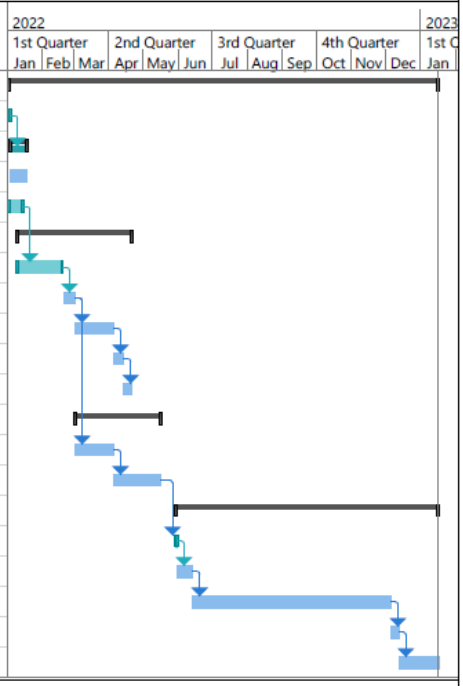
Describe means and methods for expediting project schedule.

Our team will expand on the preliminary schedule contained within this proposal within 10 days of award in the form of a baseline CPM. The detailed baseline CPM will provide the full level of detail for all work activities, including design 60–100%, reviews, regulatory pre-application meetings, submittals, MOT, and all applicable work activities. We will update the CPM weekly to confirm progress and submit it to the City as a function of the weekly meeting process. Look-ahead reports generated by the CPM will be presented in meetings to ensure that proper notification to stakeholders occurs on a timely basis via GCU's Public Information Officer (PIO). Any slippage or schedule gains will be clearly marked and reviewed for recovery options, out-of-sequence work to recover time, and/or add of resource, etc., to resolve open issues. The public will be well informed of any changes or impacts, particularly with MOT.

As shown in the projected schedule on the following page, we contemplate a 4-month design, permitting, and submittal cycle followed by a 3.5-month construction duration and substantial completion in 215 days, with crews working a minimum of five 10-hour shifts per week. Makeup days will be Saturdays as necessary to ensure the critical path remains neutral. Any changes ordered by the owner will be incorporated and analyzed immediately upon knowledge of the change to demonstrate any impact to the critical path for discussion and resolution. Concurrency created by changes not impacting the critical path will be absorbed by our team to ensure no slippage to the substantial completion occurs.

City of Ft Lauderdale
DB - Sanitary Sewer Improvement

ID	Task Name	Calendar Days	Start	Finish	Predecessors
1	**Task Description**	**271 days**	**Mon 1/3/22**	**Mon 1/16/23**	
2	Notice to Proceed	1 day	Mon 1/3/22	Mon 1/3/22	
3	**SUE Phase**	**11 days**	**Tue 1/4/22**	**Tue 1/18/22**	**2**
4	Geotech updates	11 days	Tue 1/4/22	Tue 1/18/22	
5	Underground Utility Locates	10 days	Mon 1/3/22	Fri 1/14/22	
6	**Design Phase**	**73 days**	**Mon 1/10/22**	**Wed 4/20/22**	
7	60% Plans and Specifications	30 days	Mon 1/10/22	Fri 2/18/22	5
8	City Reviews	7 days	Mon 2/21/22	Tue 3/1/22	7
9	90% Plan & Profile and Specs	24 days	Wed 3/2/22	Mon 4/4/22	8
10	City Reviews	7 days	Tue 4/5/22	Wed 4/13/22	9
11	100% Construction Documents	5 days	Thu 4/14/22	Wed 4/20/22	10
12	**Permitting Phase**	**54 days**	**Wed 3/2/22**	**Mon 5/16/22**	
13	Permit Submittals	24 days	Wed 3/2/22	Mon 4/4/22	8
14	Permit Approvals	30 days	Tue 4/5/22	Mon 5/16/22	13
15	**Construction Phase**	**166 days**	**Mon 5/30/22**	**Mon 1/16/23**	
16	Construction NTP	1 day	Mon 5/30/22	Mon 5/30/22	14
17	Planning and Mobilization	10 days	Tue 5/31/22	Mon 6/13/22	16
18	Active Construction	125 days	Tue 6/14/22	Mon 12/5/22	17
19	Substantial Completion	5 days	Tue 12/6/22	Mon 12/12/22	18
20	Project Close-out	25 days	Tue 12/13/22	Mon 1/16/23	19



Task
Split
Milestone
Summary
Project Summary
Inactive Task
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Progress
Manual Progress

Provide information on your firm's current workload and how this project will fit into your workload.
Our team will use the time and budget management philosophy described in our project understanding to manage overall workload. Our team will work together to ensure all technical elements are met on this project. The table below lists our current workload and we do not feel that any of our major ongoing projects will conflict with the team's performance of services under this project.

Current Workload			
Project	**Phase of Project**	**Estimated Completion**	**Firm's Role**
SRF Sewer Rehabilitation, Phase 1A, City of Macclenny, FL	Owner adding scope and budget.	90%	Manhole rehab, CIPP, install new gravity sewer.
CDBG Sewer Improvements Phase III, City of Port St. Joe, FL	Final close-out/punch list.	99%	Sewer improvements.
Olanta Sewer Rehabilitation Project, Town of Olanta, SC	Pipe-bursting and excavation.	70%	Cleaning, grout, manhole rehabilitation, point repairs.
Cured in Place Pipe Sanitary Sewer Rehabilitation 2019–2022, Montgomery Water Works and Sanitary Sewer Board, AL	Lateral rehab and trenchless mainline rehab.	Year 1 – 100% Year 2 – 60%	CCTV, trenchless rehab of gravity sewer.
Gravity Sewer Rehabilitation, Town of Abita Springs, LA	Final grouting and punch-list.	90%	Clean, CCTV, CIPP, point repairs, grout, pipe burst.
2021 Structural Defect Identification and Replacement, Jefferson County Environmental Service Department, AL	CCTV/investigation.	10%	ID of structural defects, manhole inspections, manhole rehabilitation
2021 Annual Contract for Manhole Rehabilitation, Board of Water and Sewer Commissioners of the City of Mobile, AL	Complete for FY 2021.	Year 1 – 100%	Bypass pumping, manhole rehab, dig and replace gravity sewer.
Glencoe Sewer Rehabilitation 2021, City of Glencoe, AL	Investigation and design review.	15%	Clean, CCTV, CIPP, point repairs, manhole rehabilitation.
Raintree Road South – Sewer Extension, The Water Works and Sewer Board of the City of Prichard, AL	Complete.	100%	Service reconnections to property line, paving, dig and replace gravity sewer.
Sharon Hills Cedar Glen Area Rehabilitation Project, City of Baton Rouge & Parish of East Baton Rouge, LA	Investigation and design review.	15%	Manhole rehabilitation, point repair, excavation, CCTV, CIPP.
Sanitary Sewer Manhole Rehabilitation, Decatur Utilities, AL	Beginning prep and lining.	5%	Manhole rehabilitation.
Annual Contract for CIPP Rehabilitation of Various Sanitary Sewer Mains FY 2020–2021, Daphne Utilities, AL	Grouting laterals.	Year 1 – 95%	Clean, CCTV, CIPP, bypass pumping.

Resources

Describe available facilities, technological capabilities and other available resources you offer for the project.

GCU has long prided itself on being able to offer innovative solutions to our clients. Traditional construction companies will look at a project like this and simply plan to dig and replace the infrastructure. That doesn't require much thought, and every town has 10 subcontractors that own a backhoe. GCU will evaluate the entire project and will utilize numerous technologies to deliver the best long-term solution for the client. For example, uncoated cast iron and ductile iron pipe are both poor pipe materials for sanitary sewer, but to dig and replace it may be extremely disruptive. GCU can deploy robotic cameras and multi-sensor technologies into the system to evaluate the pipe. Utilizing the multiple sources of data collected, there is a very high likelihood that we can repair most issues in the pipe without any digging and with as little disturbance as possible.

GCU has the facilities, capabilities and resources necessary to deliver a successful project to the City of Ft. Lauderdale. We pride ourselves on our ability to leverage our previous experiences and available equipment and technologies to offer truly innovative solutions to our clients. GCU is Headquartered in Theodore, AL, offering us access to both the I-10 and I-65 corridors and we have recently set up a regional office in Gainesville, FL to allow us to better serve our existing and future Florida clients. We have the reach and experience in servicing clients successfully throughout the South East. GCU has over 18 years of experience in water and sewer infrastructure rehabilitation and is a licensed contractor in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, South Carolina, Tennessee, and Virginia. **In Florida, GCU operates as not only a licensed General Contractor, but also as a licensed engineering firm**. This is something uniquely different about our company when comparing us to other trenchless sewer rehabilitation contractors.

GCU was founded to tackle sewer structure rehabilitation projects, mainly sanitary sewer manhole rehabilitation and lining. As our company grew, we began to add services that our clients required. First came our engineering and assessment side of the business; we began providing pipeline CCTV and Cleaning operations which are overseen by individuals certified in PACP (Pipe Assessment Certification Program), LACP (Lateral Assessment Certification Program), and MACP (Manhole Assessment Certification Program) through NASSCO (National Association of Sewer Service Companies). With a heavy focus on trenchless (non-disruptive, no-dig) technologies, GCU self-performs cured in place pipe lining (CIPP) as well as pipe bursting utilizing pneumatic and static methods. These technologies provide a minimally invasive approach to renewing the lifespan of water and sewer infrastructure without the need to excavate the entire pipeline. GCU also maintains our own excavation crews with a wealth of experience in sanitary sewer pipe laying and in setting up receiving and insertion pits for the pipe bursting crews. With the team we have at our disposal we are confident that GCU possesses the facilities, technologies, and resources to deliver a successful project to the City of Ft. Lauderdale.

4.2.6 References

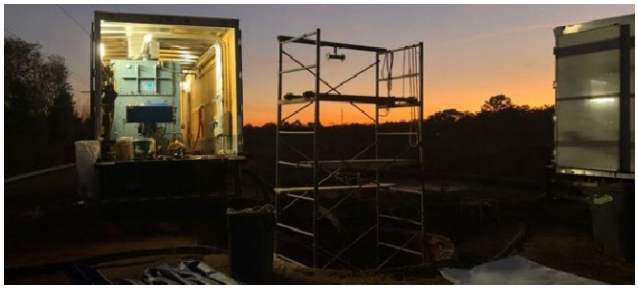
The DBF shall have previous experience in the design, permitting, construction aspects of the project as describe in this RFP, of project description, in the State of Florida within the last five (5) years in the municipal installation of gravity sewer systems in urban environments of Florida and has successfully installed at least 25,000 feet of wastewater collection systems in Florida. DBF shall submit proof of design, permitting, and construction experience for a minimum of three (3) projects or any information they deem appropriate for evaluation of past performance with projects similar in scope and scale (or larger) to the one under consideration.

Title: EASTSIDE-WESTSIDE INTERCEPTOR REHABILITATION (DESIGN-BUILD) **Location: Albany, Georgia**	
Client name/owner's representative name, address, phone number, and email	City of Albany, GA 401 Pine Avenue Albany, GA 31701 229.883.8998 Phone, jhughes@albanyga.gov
Date project started and completed or is anticipated to be completed	August 2018–December 2020
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Jeff Hughes, PE City of Albany, GA 229.883.8998 Phone, jhughes@albanyga.gov

Brief description of project and relevance to this contract

GCU was contracted by the City of Albany to provide Design-Build professional services to inspect and rehabilitate 33,000 LF of 24-inch to 54-inch sanitary sewer main. GCU mobilized inspection crews to perform the cleaning, CCTV, sonar, and mapping of the sewer mains and accomplished the field work within three weeks. GCU then processed the field inspection data and provided design phase services, including mapping the system, and drafting construction plan sheets and details and project specifications by licensed professional engineers within a two-month schedule, allowing construction to begin in January 2019. This Design-Build approach saved the City of Albany cost and, because of the fast-track approach, cut a design phase schedule that normally takes many months down to 2 months. The construction phase of the project included trenchless rehabilitation of all main lines and SpectraShield rehabilitation of manholes.

We are confident this project is relatable in that initially we would intend to begin with a thorough investigation. Great data = great design = great deliverable. Anywhere pipelines can be repaired without the disruptions of digging, will be a benefit to all parties. On this Albany project, we were able to complete 33,000 LF of pipeline renewal with only 100 LF of dig and replace.



Original budget vs. Final cost	Original: $ 15,000,000 Final: $ 15,000,000 GMP
Principal elements and special features of the project	Sonar, Laser and CCTV Pipeline Assessment, Bypass Pumping, Trenchless Rehabilitation of Sanitary Sewer (24-inch to 54-inch), Manhole Rehabilitation, and Concrete Reconstruction.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Challenges with access and bypass pumping were a constant throughout construction, yet the GCU team persisted and hit every production target throughout the life of the contract.
Present status of project	Complete

Title: MOULTRIE TRAILS AREA DRAINAGE IMPROVEMENTS **Location: St. Augustine, Florida**	
Client name/owner's representative name, address, phone number, and email	St. Johns County 500 San Sebastian View St. Augustine, FL 32084 904.209.0162 Phone dramdass@sjcfl.us
Date project started and completed or is anticipated to be completed	August 2020–February 2021
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Don Ramdas St. Johns County 904.209.0162 Phone dramdass@sjcfl.us
Brief description of project and relevance to this contract GCU performed the design, permitting, and construction for the replacement of a failing drainage outfall pipe routed through the Moultrie Trails subdivision in St. Augustine, FL. In the original bid, the basis of the design was to rehabilitate the 575 LF of aging 60-inch diameter Corrugated Metal Pipe (CMP) with Trenchless Rehabilitation methods to minimize the impact on surrounding environment. GCU was able to design and execute a successful project utilizing CCTV investigation to identify the appropriate methods of rehabilitation. During the design phase, GCU was tasked with the Trenchless Rehabilitation of an additional 25 LF of 60-inch CMP. This project is similar to the project at hand in that the work area can be challenging to access and can be adjacent to buildings, pools, and residents. GCU prioritizes the utilization of minimally invasive repair techniques to reduce disruption to residents and facilities as much as possible. We understand that communication is key and, on this project in St John's County, it has been no different. We have held regular "town hall" meetings to ensure a fully informed public, while being mindful of our impact on the areas surrounding our job sites. Dewatering and excavation challenges at depths in excess of 20 feet in the sugar sands of Florida have us well prepared to tackle any excavations and dewatering required for this project.	
Original budget vs. Final cost	Original: $ 1,772,944 Final: $ 1,852,000
Principal elements and special features of the project	Pipeline CCTV and Cleaning, Well-pointing, Bypass Pumping, 60-inch Pipeline Dig and Replace, 60-inch Trenchless Rehabilitation, and Concrete Box Reconstruction.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Prioritization of the utilization of minimally invasive repair techniques to reduce disruption to residents and facilities as much as possible. Communication and regular town hall meetings were conducted.
Present status of project	Complete

Title: SRF WASTEWATER IMPROVEMENTS SYSTEM **Location: Lynn Haven, Florida**	
Client name/owner's representative name, address, phone number, and email	City of Lynn Haven 817 Ohio Avenue Lynn Haven, FL 32444 850.258.8498 Phone gkidwell@cityoflynnhaven.com
Date project started and completed or is anticipated to be completed	March 2018–May 2020
Point of contact name and organization which contracted the service who is very familiar with the project and the firm's performance and phone number and email	Greg Kidwell City of Lynn Haven 850.258.8498 Phone gkidwell@cityoflynnhaven.com

Brief description of project and relevance to this contract

Gulf Coast Underground (GCU) partnered with Panhandle Engineering to perform various improvements on Lynn Haven's wastewater system, including the full assessment and trenchless rehabilitation of over 100,000 LF of gravity sewer pipelines in a high-water table, sugar sand environment.

We believe that this project relates well to the project City of Fort Lauderdale in that the entire project focused on trenchless rehabilitation of gravity sewer mains and laterals. Our work plan was executed in coordination with the design-build team in a very systematic manner involving all stakeholders in the project. Daily communication on the location of crews as well as weekly and monthly progress meetings to update the team on progress and upcoming coordination conflicts were the norm. In Lynn Haven, we were in constant flux due to nearby paving operations, but with our commitment to the Design-Build Team, we changed course without issue. We understand that being flexible is a very important character trait when completing design-build work. Additionally, modification of "normal" work hours to minimize our impact on the surrounding community was commonplace in the execution of this contract. We would expect that similar flexibility in the work hours of our construction teams would be required for the successful completion of construction in Ft. Lauderdale.

Original budget vs. Final cost	Original: $ 3,008,000 Final: $ 3,008,000
Principal elements and special features of the project	Pipeline and Structural Evaluation and Assessment, Bypass Pumping, Pipeline Rehabilitation, and Manhole Coating.
Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.	Constant communication with the engineer to modify scope of work and various work locations to fit the needs of the client and to accommodate other utility construction and paving work occurring simultaneously in the work zones.
Present status of project	Complete

4.2.7 Price Proposal

GCU's price proposal is provided on the required forms following this page.

GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM PROJECT No. 12414

SECTION 00301

CITY OF FORT LAUDERDALE
PROPOSAL BID FORM

If this Proposal is accepted, the undersigned Bidder agrees to complete all work under this contract within **270** calendar days (final completion) following the issuance of the Notice to Proceed. **UNIT PRICE PREVAILS OVER TOTAL PRICE.** All entries on this form must be typed or written in block form in ink. Quantities provided are for information purposes.

The Contractor must bid both Pipe Bursting (Base Bid) and Open Cut (Alternate) for all gravity main piping. The City will have the sole discretion to decide which method is to ultimately be used.

BASE BID (PIPE BURSTING)

No.	Description	Quantity	Unit	Unit Price	Total
1.0	Mobilization /Demobilization, Bonds and Insurance (10% of Sum of Bid Items)	1	LS	730,000.00	730,000.00
2.0	Project Record Documents	1	LS	255,000.00	255,000.00
3.0	Maintenance of Traffic (MOT)	1	LS	472,000.00	472,000.00
4.0	Pipe Burst Gravity Main 12-inch to 15-inch	913	LF	515.00	470,195.00
5.0	Pipe Burst Gravity Main 14-inch to 21-inch	662	LF	675.00	446,850.00
6.0	Pipe Burst Gravity Main 15-inch to 18-inch	545	LF	550.00	299,750.00
7.0	Remove and Replace Sanitary Sewer Laterals with Cleanouts	8	EA	15,000.00	120,000.00
8.0	Manhole Stabilization	6	EA	50,000.00	300,000.00
9.0	Manhole Rehabilitation	10	EA	10,000.00	100,000.00
10.0	Utility Conflict Structure at Sta. 7 + 85.0	1	LS	80,000.00	80,000.00
11.0	Utility Conflict Structure at Sta. 9 + 66.4	1	LS	80,000.00	80,000.00
12.0	Utility Conflict Structure at Sta. 9 + 85.0	1	LS	80,000.00	80,000.00
13.0	Utility Conflict Structure at Sta. 14 + 77.0	1	LS	80,000.00	80,000.00
14.0	Utility Conflict Structure at Sta. 18 + 22.6	1	LS	80,000.00	80,000.00
15.0	Milling and Resurfacing of minimum of 1” of asphalt pavement within ROW limits including temporary and permanent (Thermoplastic) striping, RPMs, decorative asphalt paint, etc	7871	SY	190.00	1,495,490.00
16.0	Full Roadway Reconstruction	1364	SY	510.00	695,640.00
17.0	Bypass Pumping	1	LS	910,000.00	910,000.00
18.0	Pre and Post CCTV for the Gravity Sewer	1	LS	34,000.00	34,000.00

GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM PROJECT No. 12414

SECTION 00301

CITY OF FORT LAUDERDALE
PROPOSAL BID FORM

No.	Description	Quantity	Unit	Unit Price	Total
19.0	Permitting Allowance	1	LS	$100,000	$100,000
20.0	Utility Relocation Allowance	1	LS	$200,000	$200,000
21.0	Design Development	1	LS	245,000.00	245,000.00
22.0	Construction Administration	1	LS	222,000.00	222,000.00

BASE BID (PIPE BURSTING) TOTAL FOR COMPLETE PROJECT $7,445,925.00

TOTAL BASE BID IN WRITING Seven million, four hundred forty five, nine hundred twenty five dollars and zero cents

ALTERNATE (OPEN CUT)

No.	Description	Quantity	Unit	Unit Price	Total
A.1	Mobilization /Demobilization, Bonds and Insurance (10% of Sum of Bid Items)	1	LS	1,250,000.00	1,250,000.00
A.2	Project Record Documents	1	LS	242,000.00	242,000.00
A.3	Maintenance of Traffic (MOT)	1	LS	472,000.00	472,000.00
A.4	Furnish and Install 15” SDR 26 PVC Sanitary Sewer Main	913	LF	1,600.00	1,460,800.00
A.5	Furnish and Install 21” SDR 26 PVC Sanitary Sewer Main	662	LF	1,700.00	1,125,400.00
A.6	Furnish and Install 18” SDR 26 PVC Sanitary Sewer Main	545	LF	1,650.00	899,250.00
A.7	Remove Existing 12” Sanitary Sewer Main	913	LF	600.00	547,800.00
A.8	Remove Existing 14” Sanitary Sewer Main	662	LF	600.00	397,200.00
A.9	Remove Existing 15” Sanitary Sewer Main	545	LF	600.00	397,200.00
A.10	Remove and Replace Sanitary Sewer Laterals with Cleanouts	8	EA	15,000.00	120,000.00
A.11	Manhole Stabilization	10	EA	50,000.00	500,000.00
A.12	Manhole Rehabilitation	10	EA	10,000.00	100,000.00
A.13	Utility Conflict Structure at Sta. 7 + 85.0	1	LS	80,000.00	80,000.00
A.14	Utility Conflict Structure at Sta. 9 + 66.4	1	LS	80,000.00	80,000.00
A.15	Utility Conflict Structure at Sta. 9 + 85.0	1	LS	80,000.00	80,000.00

SECTION 00301

CITY OF FORT LAUDERDALE
PROPOSAL BID FORM

A.16	Utility Conflict Structure at Sta. 14 + 77.0	1	LS	80,000.00	80,000.00
A.17	Utility Conflict Structure at Sta. 18 + 22.6	1	LS	80,000.00	80,000.00
A.18	Full Roadway Reconstruction	7871	SY	510.00	4,014,210.00
A.19	Removal and Replacement of Concrete Curb, Gutter and/or Sidewalk	409	SY	350.00	143,150.00
A.20	Remove and Replace Brick Paver, Stamped Concrete, and Specialty Driveway	865	SY	750.00	648,750.00
A.21	Bypass Pumping	1	LS	910,000.00	910,000.00
A.22	Pre and Post CCTV for the Gravity Sewer	1	LS	34,000.00	34,000.00
A.23	Permitting Allowance	1	LS	$100,000	$100,000
A.24	Utility Relocation Allowance	1	LS	$200,000	$200,000
A.25	Design Development	1	LS	245,000.00	245,000.00
A.26	Construction Administration	1	LS	222,000.00	222,000.00

ALTERNATE BID (OPEN CUT) TOTAL FOR COMPLETE PROJECT $14,358,560.00

TOTAL ALTERNATE BID IN WRITING Fourteen million, three hundred fifty eight thousand, five hundred sixty dollars and zero cents

NOTES:

1. **REFER TO SECTION 01025 FOR ADDITIONAL DESCRIPTION OF ITEMS.**
2. **SUBSTANTIAL COMPLETION TIME AND PROJECT CLOSEOUT TIME FOR THE CONTRACT SHALL BE AS DEFINED IN THE PROJECT SCHEDULE IN THE SUPPLEMENTARY GENERAL CONDITIONS.**
3. **THE BASE BID AND THE ALTERNATE BID ITEMS MUST BE PROVIDED FOR AN ACCEPTABLE BID. THE CITY HAS THE SOLE DISCRETION TO AWARD THE CONTRACT BASED ON THE EITHER THE BASE BID, THE ALTERNATE BID, OR ANY COMBINATION THEREOF.**

END OF SECTION

CITY OF FORT LAUDERDALE

PRICE PROPOSAL FORM

PROJECT NO. 12414

GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM

BASE BID (PIPE BURSTING)

1. Mobilization /Demobilization, Bonds and Insurance (10% of Sum of Bid Items)	$ 730,000.00
2. Project Record Documents	$ 255,000.00
3. Maintenance of Traffic (MOT)	$ 472,000.00
4. Pipe Burst Gravity Main 12-inch to 15-inch	$ 470,195.00
5. Pipe Burst Gravity Main 14-inch to 21-inch	$ 446,850.00
6. Pipe Burst Gravity Main 15-inch to 18-inch	$ 299,750.00
7. Remove and Replace Sanitary Sewer Laterals with Cleanouts	$ 120,000.00
8. Manhole Stabilization	$ 300,000.00
9. Manhole Rehabilitation	$ 100,000.00
10. Utility Conflict Structure at Sta. 7 + 85.0	$ 80,000.00
11. Utility Conflict Structure at Sta. 9 + 25.0	$ 80,000.00
12. Utility Conflict Structure at Sta. 9 + 66.4	$ 80,000.00
13. Utility Conflict Structure at Sta. 9 + 85.0	$ 80,000.00
14. Utility Conflict Structure at Sta. 14 + 77.0	$ 80,000.00
15. Utility Conflict Structure at Sta. 18 + 22.6	$ 80,000.00
16. Milling and Resurfacing of minimum of 1" of asphalt pavement within ROW limits including temporary and permanent (Thermoplastic) striping, RPMs, decorative asphalt paint, etc.	$ 1,495,490.00

17.	**Full Roadway Reconstruction**	**$** 695,640.00
18.	**Bypass Pumping**	**$** 910,000.00
19.	**Pre and Post CCTV for the Gravity Sewer**	**$** 34,000.00
20.	**Permitting Allowance**	**$ 50,000.00**
21.	**Utility Relocation Allowance**	**$ 200,000.00**
22.	**Design Development**	**$** 245,000.00
23.	**Construction Administration**	**$** 222,000.00

TOTAL BASE BID (PIPE BURSTING) – Design, Construction, and Permit Allowance Costs (proposed "Contract Price"). Also enter this figure in BidSync, Item Response Form, to indicate your total price.

Seven million, four hundred forty five, nine hundred twenty five dollars and zero cents
(IN WORDS)

$ 7,445,925.00
(FIGURES)

ALTERNATE (OPEN CUT)

A.1	**Mobilization /Demobilization, Bonds and Insurance (10% of Sum of Bid Items)**	**$** 1,250,000.00
A.2	**Project Record Documents**	**$** 242,000.00
A.3	**Maintenance of Traffic (MOT)**	**$** 472,000.00
A.4	**Furnish and Install 15" SDR 26 PVC Sanitary Sewer Main**	**$** 1,460,800.00
A.5	**Furnish and Install 21" SDR 26 PVC Sanitary Sewer Main**	**$** 1,125,400.00
A.6	**Furnish and Install 18" SDR 26 PVC Sanitary Sewer Main**	**$** 899,250.00
A.7	**Remove Existing 12" Sanitary Sewer Main**	**$** 547,800.00
A.8	**Remove Existing 14" Sanitary Sewer Main**	**$** 397,200.00

A.9	**Remove Existing 15" Sanitary Sewer Main**	**$** 397,200.00
A.10	**Remove and Replace Sanitary Sewer Laterals with Cleanouts**	**$** 120,000.00
A.11	**Manhole Stabilization**	**$** 500,000.00
A.12	**Manhole Rehabilitation**	**$** 100,000.00
A.13	**Utility Conflict Structure at Sta. 7 + 85.0**	**$** 80,000.00
A.14	**Utility Conflict Structure at Sta. 9 + 25.0**	**$** 80,000.00
A.15	**Utility Conflict Structure at Sta. 9 + 66.4**	**$** 80,000.00
A.16	**Utility Conflict Structure at Sta. 9 + 85.0**	**$** 80,000.00
A.17	**Utility Conflict Structure at Sta. 14 + 77.0**	**$** 80,000.00
A.18	**Utility Conflict Structure at Sta. 18 + 22.6**	**$** 80,000.00
A.19	**Full Roadway Reconstruction**	**$** 4,014,210.00
A.20	**Removal and Replacement of Concrete Curb, Gutter and/or Sidewalk**	**$** 143,150.00
A.21	**Remove and Replace Brick Paver, Stamped Concrete, and Specialty Driveway**	**$** 648,750.00
A.22	**Bypass Pumping**	**$** 910,000.00
A.23	**Pre and Post CCTV for the Gravity Sewer**	**$** 34,000.00
A.24	**Permitting Allowance**	**$ 100,000.00**
A.25	**Utility Relocation Allowance**	**$ 200,000.00**
A.26	**Design Development**	**$** 245,000.00
A.27	**Construction Administration**	**$** 222,000.00

TOTAL ALTERNATE (OPEN CUT) – Design, Construction, and Permit Allowance Costs (proposed "Contract Price"). Also enter this figure in BidSync, Item Response Form, to indicate your total price.

Fourteen million, three hundred fifty eight thousand, five hundred sixty dollars and zero cents

(IN WORDS)

$ 14,358,560.00

(FIGURES)

1. The prices listed in the Price Proposal Form shall include the total cost to complete the Work including but not limited to materials, labor, equipment, profit, bonds, insurances, etc., as necessary to ensure proper execution of the design-build services and product requested by the City of Fort Lauderdale. Any pricing, quantities, costs or services that are not listed above, and are known to be required, must be added by the Proposer and listed on a separate sheet and included in the total.

2. I hereby certify that I am authorized to act on behalf of the firm, individual, partnership, corporation or association making this proposal and that all statements made in this document are true and correct to the best of my knowledge. I agree to hold this proposal open for a period of two hundred and seventy (270) days from the deadline for receipt of proposals.

3. I understand and agree to be bound by the conditions contained in the Request for Proposal and shall conform with all requirements of the Request for Proposal.

Spencer Tuell		
Name: (Please Print)		
	President	10/7/2021
Proposer Signature	Title:	Date:

4.2.8 Contract Forms

The following forms and documents are provided following this page or as an upload to BidSync.

a. Statement of Qualification Certification

b. Non-Collusion Statement

c. Contract Payment Method

d. Sample Insurance Certificate (Provided in proposal)

e. Non-Discrimination Certification Form

f. Trench Safety

g. Prime DBF Identification

h. E-Verify Affirmation Statement

i. Acknowledgment of Addenda

j. Proposal Bond

THE AMERICAN INSTITUTE OF ARCHITECTS

AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we Gulf Coast Underground, LLC
5655 Middle Road, Theodore, AL 36582

as Principal, hereinafter called the Principal, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND
1299 Zurich Way, Schaumburg, IL 60196-1056

a corporation duly organized under the laws of the State of Illinois
as Surety, hereinafter called the Surety, are held and firmly bound unto The City of Fort Lauderdale, FL

100 N. Andrews Avenue, 6th Floor Fort Lauderdale, FL 33301

as Obligee, hereinafter called the Obligee, in the sum of five percent (5%) of the amount bid

Dollars ($ 5% of amount bid),
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

Gravity Pipe Improvements to the Downtown Collection System

RFP No. 12476-115

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 7th day of September 2021.

(Witness)

Gulf Coast Underground, LLC
(Principal) (Seal)

President
(Title)

(Witness)

FIDELITY AND DEPOSIT COMPANY OF MARYLAND
(Surety) (Seal)

Roland G. Fry Jr.

Roland G. Fry, Jr. (Title) Attorney-in-fact

ZURICH®

ADDENDUM
Electronic Seals Approved for Surety Bonds

To ensure business continuity during the COVID–19 pandemic, Zurich American Insurance Company and its related companies authorize their Attorneys-in-Fact within all 50 U.S. States, territories and possessions, to affix an electronic seal to all bond documents as if it were a raised corporate seal.

Effective this 2nd day of April, 2020.

Zurich American Insurance Company
Fidelity and Deposit Company of Maryland
Colonial American Insurance Company

Robert D. Murray
Executive Vice President
Head of Surety

Fidelity and Deposit Company of Maryland CORPORATE SEAL 1890

Zurich American Insurance Company CORPORATE SEAL 1998 Illinois

Colonial American Casualty and Surety Company CORPORATE SEAL

ZURICH®

Zurich American Insurance Company
Fidelity and Deposit Company of Maryland
Colonial American Insurance Company

MEMORANDUM
Electronic Powers of Attorney and Electronic Seals

Zurich Surety is taking actions to ensure that we continue to provide exceptional service during this uniquely challenging time. Due to the restrictions during the COVID-19 pandemic requiring most surety professionals to work from home, we are providing electronic powers of attorney ("e-POAs") and electronic seals ("e-seals") to assist with streamlining the process of bond issuance where possible.

Please direct any Zurich Surety producer who would like to obtain e-POAs and/or e-seals to our Producer Appointment and Licensing ("PAL") team at the following e-mail address:

zna.paldept@zurichna.com

It is important that all inquiries go through the PAL team as they keep careful records of all producers authorized to use e-POAs and/or e-seals.

As always, please direct anyone looking to confirm the validity of a Zurich Surety bond to our bond verification phone line: (410) 559-8790 or to our bond validation tool on Zurich North America Surety's website. Our bond validator can be found at the following web address:

https://secure.zurichna.com/surety/bondvalidator.nsf/validate%21openform

Zurich Surety welcomes any questions or comments from our producers, customers and bond obligees.

ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Gaylord C. Lyon, Jr., Roland G. Fry, Jr., Erling Riis, III, W. E. Cadden, J. William Goodloe, III, O. M. Otts, IV, Rebecca Ward and Charlene C. Stout, all of Mobile, Alabama, EACH,** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings,** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 18th day of February, A.D. 2019.

ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: Robert D. Murray
Vice President

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 18th day of February, A.D. 2019, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2019

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Secretary of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 7th day of September, 2021.

Brian M Hodges

By: Brian M. Hodges
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
www.reportsfclaims@zurichna.com
800-626-4577

www.gulfcoastunderground.com

www.woolpert.com

GCU
GULF COAST UNDERGROUND

WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL

TRENCH SAFETY

Bidder acknowledges that included in the appropriate bid items of his bid and in the Total Bid Price are costs for complying with the Florida Trench Safety Act, Florida Statutes 553.60 – 553.64. The bidder further identifies the costs of such compliance to be summarized below:

Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. **Shoring**	**EA**	**20**	$**3,600**	$**72,000**
B. **Dewatering**	**LF**	**2120**	$**55**	$**116,600**
C. **Road Plates**	**EA**	**20**	$**1,500**	$**30,000**
D.			$	$

Total: $**218,600**

The bidder certifies that all trench excavation done within his control in excess of five feet (5') in depth shall be in accordance with the Occupational Safety and Health Administration's excavation safety standards, C.F.R. s. 1926.650 Subpart P., and the Florida Trench Safety Act, Florida Statutes 553.60-553.64.

Failure to complete the above may result in the bid being declared non-responsive.

DATE: **9/22/21** **Spencer Tuell**
(SIGNATURE)

STATE OF: **Alabama**COUNTY OF: **Mobile**

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Spencer Tuell
(Name of Individual Signing)

Spencer Tuellwho, after first being duly sworn by me,
Casey Denise Davisaffixed his/her signature in the space provided above on this **22nd**day of **September**, 20**21**.

Casey Denise Davis
NOTARY PUBLIC

My Commission Expires: **09/30/2024**

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

> 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).
>
> 3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME	RELATIONSHIPS

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

Spencer Tuell Authorized Signature	**President** Title
Spencer Tuell Name (Printed)	**9/16/21** Date

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT

MINORITY BUSINESS ENTERPRISE (MBE) - WOMEN BUSINESS ENTERPRISE (WBE)

PRIME CONTRACTOR IDENTIFICATION FORM

In order to assist us in identifying the status of those companies doing business with the City of Fort Lauderdale, this form must be completed and returned with your bid package.

Name of Firm:	**GCU, LLC DBA Gulf Coast Underground, LLC**
Address of Firm:	**5655 Middle Road**
Telephone Number:	**251-725-0200**
Name of Person Completing Form:	**Spencer Tuell**
Title:	**President**
Signature:	**Spencer Tuell**
Date:	**9/22/21**
City Project Number:	**12476-115**
City Project Description:	**Design Build - Gravity Pipe Improvements to the Downtown Collection System**

Please check the item(s) which properly identify the status of your firm:

- [x] Our firm is not a MBE or WBE.
- [ ] Our firm is a MBE, as at least 51 percent is owned and operated by one or more socially and economically disadvantaged individuals.
  - [ ] American Indian [ ] Asian [ ] Black [ ] Hispanic
- [ ] Our firm is a WBE, as at least 51 percent is owned and operated by one or more women.
  - [ ] American Indian [ ] Asian [ ] Black [ ] Hispanic

MBE/WBE CONTRACTOR INFORMATION

The City, in a continuing effort, is encouraging the increased participation of minority and women-owned businesses in Public Works Department related contracts. Along those lines, we are requiring that each firm provide documentation detailing their own programs for utilizing minority and women-owned businesses.

Submit this information as a part of this bid package and refer to the checklist, to ensure that all areas of concern are covered. The low responsive bidder may be contacted to schedule a meeting to discuss these objectives. It is our intention to proceed as quickly as possible with this project, so your cooperation in this matter is appreciated.

CONTRACTOR CHECKLIST

☑ List Previous City of Fort Lauderdale Contracts

None.

☑ Number of Employees in your firm **90**

--Percent (**9**%) Women

--Percent (**19**%) Minorities

--Job Classifications of Women and Minorities

Office administration
Equipment operators
Foreman
General laborers

☑ Use of minority and/or women subcontractors on past projects.

Installation of CIPP
Procurement of material
General construction

☑ Nature of the work subcontracted to minority and/or women-owned firms.

Whatever works fits in the minority owned firms scope of work

☑ How are subcontractors notified of available opportunities with your firm?

Email and phone calls

☑ Anticipated amount to be subcontracted on this project.

20%

☑ Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.

5%

CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

- [ ] MasterCard
- [x] Visa

Gulf Coast Underground, LLC
Company Name

Spencer Tuell
Name (Printed)

Spencer Tuell
Signature

9/20/21
Date

President
Title

CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

The Contractor shall not, in any of his/her/its activities, including employment, discriminate against any individual on the basis of race, color, national origin, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, or marital status.

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").

2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.

4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.

5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.

Spencer Tuell
Authorized Signature

Spencer Tuell, President
Print Name and Title

9/16/21
Date

E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: **12476-115**

Project Description: **Design Build - Gravity Pipe Improvements to the Downtown Collection System**

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

(a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

(b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: **GCU, LLC DBA Gulf Coast Underground, LLC**

Authorized Company Person's Signature: **Spencer Tuell**

Authorized Company Person's Title: **President**

Date: **9/20/21**

9/15/2020

CONSTRUCTION BID CERTIFICATION

Please Note: It is the sole responsibility of the bidder to ensure that his bid is submitted electronically through www.BidSync.com prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the Department of State, in accordance with Florida Statute §607.1501 (visit http://www.dos.state.fl.us/).

Company: (Legal Registration) **GCU, LLC DBA Gulf Coast Underground, LLC**

Address: **5655 Middle Road**

City: **Theodore**State: **AL**Zip: **36582**

Telephone No.: **251-725-0200**FAX No.: **866-471-2753**Email: **ddavis@gulfcoastunderground.com**

Check box if your firm qualifies for MBE / SBE / WBE: ☐

If a corporation, state the name of the President, Secretary and Resident Agent. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.

Chris Gomel	**CEO**	**Spencer Tuell**	**President**
Name	**Title**	**Name**	**Title**
Name	**Title**	**Name**	**Title**

ADDENDUM ACKNOWLEDGEMENT - Bidder acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
1	**9/2/21**	**2**	**9/13/21**	**3**	**9/20/21**
4-6	**9/29/21**	**7**	**9/30/21**	**8**	**10/7/21**

VARIANCES: If you take exception or have variances to any term, condition, specification, or requirement in this bid you must specify such variance in the space provided below or reference in the space provided below all variances contained on other pages within your bid. Additional pages may be attached if necessary. No variances will be deemed to be part of the bid submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. **You must also click the "Take Exception" button.**
N/A

The below signatory affirms that he has or will obtain all required permits and licenses from the appropriate agencies, and that his firm is authorized to do business in the State of Florida. The below signatory agrees to furnish all labor, tools, material, equipment and supplies, and to sustain all the expense incurred in doing the work set forth in strict accordance with the bid plans and contract documents at the unit prices indicated if awarded a contract. The below signatory has not divulged to, discussed, or compared this bid with other bidders, and has not colluded with any other bidder or parties to this bid whatsoever. Furthermore, the undersigned guarantees the truth and accuracy of all statements and answers contained in this bid. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a bid, that in no event shall

the City's liability for bidder's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars ($500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Spencer Tuell Name (printed)	**Spencer Tuell** Signature
10/7/21 Date	**President** Title

Revised 4/28/2020

DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the DBE Class claimed:

A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **or** State of Florida active registration **and/or**

B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883

Definitions

a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual. The term "Class B business" shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, or shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.

b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.

c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale

business tax and disadvantaged certification as established in the City's Procurement Manual.

d. The term "disadvantaged class 4 enterprise" shall mean any disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

(1)	(Business Name)	is a disadvantaged class 1 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual. The term "Class B business" shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, or shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
(2)	(Business Name)	is a disadvantaged class 2 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.
(3)	(Business Name)	is a disadvantaged class 3 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
(4)	(Business Name)	is a disadvantaged class 4 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.
(5)	**Gulf Coast Underground, LLC** (Business Name)	is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

BIDDER'S COMPANY: **Gulf Coast Underground, LLC**

AUTHORIZED PERSON:	COMPANY	**Spencer Tuell**	**Spencer Tuell**	**9/16/21**
		PRINT NAME	SIGNATURE	DATE

Forms Non-ISO 03/17/2021