

STATEMENT OF QUALIFICATIONS

CONSTRUCTION ENGINEERING & INSPECTION (CEI) SERVICES RELATED TO THE GEORGE T. LOHMEYER WASTEWATER TREATMENT PLANT REDUNDANT EFFLUENT FORCE MAIN PROJECT

SUBMITTED TO
CITY OF FORT LAUDERDALE

RFQ #114 (PROJECT NO. P12387) | JULY 12, 2023



SUBMITTED BY

Michael Baker
INTERNATIONAL

We Make a Difference

110 E. Broward Blvd. Suite 1700
Fort Lauderdale, FL 33301

CAM #23-1139

Exhibit 3

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City of Fort Lauderdale, Procurement Services Division
Attn: Michelle Lemire, Purchasing Administrator
100 N. Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

RFQ #114 (Project No. P12387)

JULY 12, 2023

Dear Ms. Lemire and Selection Committee Members:

The construction of this phase of the George T. Lohmeyer Wastewater Treatment Plant (WWTP) Effluent Redundant Force Main project will provide reliable wastewater service, reducing maintenance needs, and improving the infrastructure's resilience to sea level and groundwater table rising. **Michael Baker International, Inc. (Michael Baker)** is excited about the opportunity to continue our legacy of excellence with the City of Fort Lauderdale (City) and has strategically developed a team that has prior experience working with the City, the WWTP, and similar size municipal projects.

Michael Baker brings the best combination of local familiarity and national expertise managing construction of pipelines, force mains, and wastewater treatment facilities and will successfully deliver the following for the City:



SAFETY IS #1

Preventing accidents and harm to the environment, community, and project are the team's #1 priority. Utilizing our proven safety approach, we will foresee and mitigate issues before they arise.



A PURPOSE-BUILT TEAM

*The project will be led by **Wil Wright, PE** and **Bill Maughan, PE** who bring 55+ years of combined CEI experience on projects such as the WWTP and City of Fort Lauderdale water and sewer mains. Our team is comprised of only the most qualified firms with proven track records of success from completing assignments under our current and past City contracts and similar efforts with other agencies. Together, we bring essential knowledge and understanding of the City's organization, operations, policies, and related requirements.*



LOCAL FAMILIARITY

Our team has proudly provided a variety of services, including CEI and engineering design services, to the WWTP, the City of Fort Lauderdale, and the Fort Lauderdale Executive Airport. Our local experience provides you with access to experts to develop innovative solutions through our institutional knowledge.



A TRUSTED AND RESPECTED PARTNER TO MINIMIZE IMPACTS

We have worked with the City and stakeholders including Broward County, Port Everglades, regulatory agencies, utility owners, and local businesses—who respect our expertise and trust our leadership—allowing us to work together to achieve the goals for this project. The utmost consideration will be given to minimizing operational disruptions (including plant; injection facility; utilities; vehicle/pedestrian access; local events; secure access areas; adherence to noise, air, soil, and water regulations) and coordinating with adjacent stakeholders and projects.



CONSENT ORDER DRIVEN SCHEDULE ADHERENCE AND CONSTRUCTING TO BUDGET FOCUS

The City will receive timely communication, attention to detail, and rapid issue resolution to keep the project on schedule and on budget. We will closely monitor the schedule, expediting critical submittal reviews, and maintaining constant and open communication with the City the DBF contractor. We will strive to meet or beat consent order milestones.

WE ARE READY AND AVAILABLE TO SERVE YOU

Sincerely,

MICHAEL BAKER INTERNATIONAL, INC.

Brian Russell, PE, Principal-in-Charge & Vice President
904-380-2507 | brussell@mbakerintl.com
Authorized to contractually bind the business entity

Tom Zagorski, PE, National Practice Lead, Construction Services
412-292-5911 | tzagorski@mbakerintl.com



4.2.2 EXECUTIVE SUMMARY

4.2.2 EXECUTIVE SUMMARY

The City will benefit from Michael Baker's proven leadership, local response team, and recent similar wastewater pipeline experience, drawing on our broad national experience with wastewater treatment facilities and larger diameter pipelines to ensure a safe and seamless construction process. Michael Baker, the City's trusted CEI consultant, has worked on several projects throughout South Florida, giving us insight into the area's unique local conditions.

2023 ENR RANKINGS

THE TOP **100** CONSTRUCTION MANAGEMENT FIRMS

- 18** Construction Management
- 31** Top 500 Design Firms
- 20** Top Pure Designers
- 5** Bridges*
- 6** Dams and Reservoirs*
- 11** Water Supply
- 13** Transportation
- 16** Highways*
- 17** Airports*
- 24** Mass Transit and Rail*

* 2022 ranking – 2023 not yet reported for this category

Michael Baker, a national water CM and CEI leader, provides innovative and cost-effective solutions to meet every modern construction project need. By partnering with our clients through all phases of construction, beginning with pre-design all the way through close-out, we are able to meet aggressive schedules safely and on budget. We provide qualified construction managers, inspectors, constructability reviewers, schedulers and estimators dedicated to adding value and driving efficiency from small projects to multi-billion-dollar construction programs.

As technologies evolve, we deliver creative ideas and advanced techniques to maintain

and deliver even the most complex construction projects. We utilize e-Construction to provide electronic construction administration, management and collaboration software and devices to strengthen workflow, increase transparency, improve safety, enhance quality and save time and money. We also use 4D Building Information Modeling (BIM) to maintain construction schedules and minimize conflicts and delays, which assists in the management and administration of complex construction projects with multiple prime contractors.

Michael Baker provides its comprehensive range of services and solutions in support of U.S. federal, state, and municipal governments, foreign allied governments, and a wide range of commercial clients. With more than \$1.3 billion in annual revenue, Michael Baker has over 3,000 employees in nearly 100 offices across the U.S. and internationally and is **ranked 18th on the 2023 Top 100 Construction Management Firms from Engineering News-Record (ENR)**.

LEADERS IN CONSTRUCTION MANAGEMENT SERVICES



83 years
of CEI
Services



100
CEI clients
served
Statewide



18th
in
Construction
Management
by ENR



3,000+
professional
staff in
100+ offices

A FLORIDA-BASED TEAM OF CEI EXPERTS

Michael Baker has been performing construction administration for more than 100 clients as one of the top consultants in Florida. Our construction management services are spearheaded by individuals whose entire careers have been spent managing airport construction projects. We are familiar with construction equipment, means, and methods, as well as construction impacts on water treatment facility operations. Our construction management staff works with our design team to prepare design documents to ensure constructability and to help with developing specifications that will address potential issues in the field.

Their knowledge of South Florida construction also helps develop cost estimates within the owners' budgets. Our construction staff consistently strives to exceed client expectations for project delivery by providing valuable resources across all the markets we serve. Their areas of expertise include construction management and inspection, estimating, scheduling, value engineering, partnering workshops, shop and work drawing review, construction quality management, claim avoidance and support, design support, documentation control and health and safety plans.

We are adept at operating in both the South Florida areas, and through the experience of our management team are able to navigate the complexities often encountered when constructing community and infrastructure features servicing multiple stakeholders and involving overlapping jurisdictional boundaries or restrictions.



"Michael Baker's Construction Services Practice is focused on safely delivering construction projects of the highest quality, on-time, at budget, no claims, and with positive stakeholder/public perception. Our colleagues ensure that projects are safely built with the highest quality construction techniques and materials, a cornerstone to building America's infrastructure, and provide a unique service to protect the members of the communities where we live and work."

- Tom Zagorski, Construction Services Practice Lead

KEY STAFF QUALIFICATIONS

The Michael Baker Team consists of staff and leadership that live, work, and play in Southeast Florida and have a personal and vested interest in ensuring the quality of life in our region. As members of the community, we have a unique and intimate understanding of the challenges and opportunities associated with this contract. **Our proposed Pre-Construction Project Manager, Wil Wright PE, Construction Project Manager, Bill Maughan, PE, and Principal-in-Charge, Brian Russell, PE will leverage their extensive experience working on similar CEI projects to deliver successful projects on each and every task assigned from the City.** Wil and Bill will be supported by our CEI and support staff of more than 130 professionals who consistently strive to exceed client expectations for project delivery by providing valuable resources to the City.

Our team provides local individuals that have the strength, knowledge, and background to tackle any engineering issue, supported by a deep bench of professionals nationwide. With Michael Baker, the City can expect more than just a consultant - but rather, a partner and extension of your staff that aligns itself with your core values for project success. We are excited for the opportunity to "Make a Difference" in the community and ensure that the City receives a quality product. "We Make a Difference" is not only our company slogan, it is a philosophy of how we conduct our business, support our staff, and serve our clients.

LOCATION

This contract will be managed out of our Fort Lauderdale office and supported by four surrounding Florida locations, including more than 30 engineers and construction management staff. A listing of our key team members and their respective office locations is provided below.

Key Personnel	Role	Location
Brian Russell, PE	Principal-in-Charge	Jacksonville
Wil Wright, PE	Project Manager (Pre-Construction)	Jacksonville
Bill Maughan, PE	Project Manager (Construction)	Fort Lauderdale
Manda Metzger, GIP	Deputy Project Manager	Moon Township, PA
Jon Neff, PE	QA/QC Manager	Fort Lauderdale
Jon Edel	Scheduling Lead	Jacksonville
Fabian Richards	Senior Inspector	Fort Lauderdale
Rey Abreu	Inspection Support	Coral Gables

Fort Lauderdale

110 East Broward Blvd, Suite 1700
Fort Lauderdale, FL 33301

Jacksonville

12740 Gran Bay Parkway West
Suite 2110
Jacksonville, FL 32258

Orlando

200 South Orange Avenue, Suite 1050
Orlando, FL 32801

Tallahassee

2316 Killearn Center Boulevard
Suite 201-A
Tallahassee, FL 32309

Tampa

4211 West Boy Scout Boulevard, Suite 500
Tampa, FL 33607



CITY OF FORT LAUDERDALE EXPERIENCE

Michael Baker will provide CEI staff who understand City of Fort Lauderdale priorities, expectations, standards and staff, with experience providing CEI and other professional services on these projects:

George T. Lohmeyer Treatment Plant Rehabilitation

Bermuda Riviera Water Main Replacement

Construction Engineering Inspection Services
Continuing Contract RFQ-12464-416

FXE Airfield Signage

Construction Engineering Inspection Services
Continuing Services Contract RFQ 12674-126

Lake Estates Water Main

Pump Station A-7 Upgrade

FXE Runway Improvements



4.2.3 FIRM QUALIFICATIONS & EXPERIENCE

4.2.3 FIRM QUALIFICATIONS AND EXPERIENCE

WASTEWATER TREATMENT PLANT EXPERIENCE YOU CAN COUNT ON

The Michael Baker team offers national advanced experience for water and wastewater treatment agencies. We provide planning, design, and construction solutions for water and wastewater treatment, transmission, disposal, and reclamation projects. Our water and wastewater construction specialists have assisted clients in the rehabilitation, upgrade, and expansion of existing facilities including force mains, pipelines, CSO storage facilities, consent order programs, headworks, primary and secondary sedimentation basins, aeration basins, tertiary filters, biofilters, digesters, sludge thickening systems and sludge watering systems, odor control systems, pumping, conveyance, and related systems. In the past 10 years, Michael Baker has been involved in the planning, design, and construction of more than 15 wastewater treatment plants and associated facilities.

MINIMUM QUALIFICATIONS

Michael Baker meets the minimum requirements set forth by the City as demonstrated herein.

REQUIREMENT	REQUIREMENT MET
Firm must submit such evidence of his/her qualifications as the City may deem necessary. Further, the City may consider any evidence of the financial, technical, and other qualifications and abilities of a firm or principals, including previous experiences of same work with the City and performance evaluation for services, in making the award in the best interest of the City.	✓
Firm or principals shall have no record of judgments, pending lawsuits against the City or criminal activities involving moral turpitude and not have any conflicts of interest that have not been waived by the City Commission.	✓
Neither Firm nor any principal, officer, or stockholder shall be in arrears or in default of any debt or contract involving the City, (as a party to a contract, or otherwise); nor have failed to perform faithfully on any previous contract with the City.	✓
Consultant(s) must be appropriately licensed and registered in the State of Florida as an engineering firm.	✓
Firm shall submit proof of CEI experience for a minimum of three (3) projects of similar scope and scale (or larger)	✓

BUSINESS STRUCTURE & CONTACT INFORMATION

With more than \$1 billion in annual revenue, Michael Baker is a strong, financially-stable firm with no bankruptcy, closures, mergers, or organizational conflicts that would impede the firm's ability to complete services under this contract. Michael Baker has a noted history of fiscal responsibility. Since the firm's establishment, we have demonstrated a responsible approach to financial matters. Our prudent fiscal policies extend beyond corporate finances to the hundreds of millions of dollars in federal, state, and local funds spent on projects planned and designed by us.

Firm Legal Name		Contact Person	Address
Michael Baker International, Inc.		Brian Russell, PE	110 E. Broward Blvd. Suite 1700 Fort Lauderdale, FL 33301
Phone	Fax	Email	Website
904.380.2507	N/A	brussell@mbakerintl.com	www.mbakerintl.com
Years in Business	Structure	Firm Size	Bank Reference
83	Corporation; Registered in the State of Florida	Management Staff: 224 Technical Staff: 2,103 Support Staff: 1,771	Macquarie Capital Funding Phone: 212.231.1000

CORPORATE ORGANIZATION

Michael Baker is led by our CEO, Brian Lutes and COO, James Koch. The firm is divided into seven regions in the United States, with each Region led by a Senior Vice President as the Regional Director. Office Executives report directly to the Regional Directors. The Fort Lauderdale office is led by the Brian Russell, PE, as the Vice President. Fort Lauderdale is part of the Southeast Region, reporting to Regional Director, Tommy Montgomery, PE. The National Lead for Construction Management is Tom Zagorski.

SIMILAR PROJECTS

A listing of similar reference projects, that demonstrate previous construction inspection experience in the State of Florida, including projects at a City, County, or State level within the last five (5) years, can be found in **4.2.6 References** of this submittal.

Michael Baker has served over 100 clients on CEI projects across the Florida over our 35+ year presence in the state. We have completed projects of similar size and scope for thousands of clients nationwide, including:

City of Fort Lauderdale
Fort Lauderdale Executive Airport
Florida Department of Transportation
Jacksonville Transportation Authority
Space Florida

New York Department of Environmental Protection
City of Hoboken, NJ
Hampton Roads Sanitation District
Allegheny County Sanitary (ALCOSAN) Authority
Fairfax Water

COMMITMENT TO TIME & BUDGET

We value our relationship with the City and are excited to continue our successful partnership with this project. Our current workload is such that the individuals identified within this proposal are available to begin immediately upon receiving NTP. As a firm, Michael Baker is financially sound, and is adequately staffed to accommodate the City's schedule on the proposed contract. We are committed to meet the necessary manpower and physical resource demands of the project, whether the commitment needed is 1% or 100%. In addition to our proposed staff, we are able to pull from our deep bench of CEI personnel, firmwide. Michael Baker has the depth of technical capacity and expertise available to perform this project within the City's timeframe and to minimize disruption to operations. The following table details the current availability of our key personnel through January 2024.

Key Personnel	Role	% Availability
Brian Russell, PE	Principal-in-Charge	30%
Wil Wright, PE	Project Manager (Pre-Construction)	65%
Bill Maughan, PE	Project Manager (Construction)	65%
Manda Metzger, GIP	Deputy Project Manager	75%
Jon Neff, PE	QA/QC Manager	75%
Jon Edel	Scheduling Lead	50%
Fabian Richards	Inspector	100%
Rey Abreu	Inspector	100%

SUSTAINABLE BUSINESS PRACTICES



The Michael Baker team understands our responsibility to be an example to others in efforts to conserve resources and "go green." We apply the same expertise that we offer our clients for sustainability to our own daily practices and operations. Collaboratively, we identify and implement options that reduce energy use in our offices, reduce waste, and support employee access to alternative transit or flex schedules.

We apply sustainable business practices in our daily operations and in the CEI projects we manage. Michael Baker created the Green Sustainable Construction Operation Rating (GreenSCOR) process to provide a method for measuring sustainability during construction. GreenSCOR measures how well the contractor has incorporated the sustainable design features of the project into the construction phase of the contract and the sustainable best practices of the contractor in its operations.

Michael Baker has also developed measurement tools based on the GreenSCOR system to measure contractors' performance in Quality and Safety. Michael Baker is building the appropriate tools and applications to succeed in this endeavor and to better serve our clients and the communities where employees live and work. Through this initiative, Michael Baker is achieving its purpose statement: Creating value by delivering innovative and sustainable solutions for infrastructure and the environment..

LICENSES

State of Florida Department of State

I certify from the records of this office that MICHAEL BAKER INTERNATIONAL, INC. is a Pennsylvania corporation authorized to transact business in the State of Florida, qualified on December 29, 1972.

The document number of this corporation is 829243.

I further certify that said corporation has paid all fees due this office through December 31, 2023, that its most recent annual report/uniform business report was filed on January 20, 2023, 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
Twentieth day of January 2023*



Randy R.
Secretary of State

Tracking Number: 3747820896CU

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

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



Ron DeSantis, Governor

Melanie S. Griffin, Secretary



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

RUSSELL, BRIAN CURTIS

10660 QUAIL RIDGE DR
PONTE VEDRA FL 32081

LICENSE NUMBER: PE70205

EXPIRATION DATE: FEBRUARY 28, 2025

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LICENSEE DETAILS

1:19:15 PM 7/10/2023

Licensee Information

Name:	WRIGHT, WILBUR LOUIS (Primary Name)
Main Address:	2451 CLUB LAKE DR ORANGE PARK Florida 32065
County:	CLAY

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	93351
Status:	Current, Active
Licensure Date:	01/21/2022
Expires:	02/28/2025

Special Qualifications

Qualification Effective

Civil	08/01/2017
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LICENSEE DETAILS

9:50:07 AM 7/6/2023

Licensee Information

Name:	MAUGHAN, WILLIAM PATRICK JR (Primary Name)
Main Address:	789 WEST YAMATO ROAD #711 BOCA RATON Florida 33431
County:	PALM BEACH

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	47062
Status:	Current,Active
Licensure Date:	08/23/1993
Expires:	02/28/2025

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LICENSEE DETAILS

9:49:24 AM 7/6/2023

Licensee Information

Name:	NEFF, JOHN FORD (Primary Name)
Main Address:	913 NE 23RD TERRACE POMPANO BEACH Florida 33062
County:	BROWARD

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	70633
Status:	Current,Active
Licensure Date:	01/09/2010
Expires:	02/28/2025



Ron DeSantis, Governor

Melanie S. Griffin, Secretary



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FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

SPECIAL INSPECTOR NUMBER: 7021399

THOMAS, FRANCOIS J.

6594 WOODLAKE ROAD
JUPITER FL 33458

LICENSE NUMBER: PE56381

EXPIRATION DATE: FEBRUARY 28, 2025

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PROJECT MANAGERS

Our Project Managers are experienced in leading CEI projects of similar size and scope. They will meet the needs of this project with the highest level of expertise, reliability, and responsiveness. Full resumes of our project team are provided in Section 4.2.4 **Qualifications of the Project Team** of this submittal.

PROJECT MANAGER (CONSTRUCTION)

Bill Maughan, PE



Bill has more than 39 years of experience in design, permitting and construction management. He has extensive experience at similar facilities, including serving as Design Manager for the City of Hollywood Utilities Department. He was responsible for the design and construction at the South Regional Wastewater Treatment Plant in Hollywood. Bill also has previous experience as the Assistant Project Manager for a \$2.0 million CEI contract

for Space Florida at Kennedy Space Center. The construction included potable water, industrial water and sanitary force mains including tie-ins and shut downs. **Bill has relevant, specialized experience in:**

- Wet taps on watermains and force mains including pressure tests on tapping sleeves
- Pressure tests on watermains and force mains
- Pipe joint restraint product types and installation
- Pipe material adapter fittings
- Line stops for cutting-in Tees
- Line stops for horizontal and vertical pipe deflections including bypass piping where constant

RELEVANT EXPERIENCE

George T. Lohmeyer Wastewater Treatment Plant CEI Services. *City of Fort Lauderdale, Fort Lauderdale, Florida*

South Regional Wastewater Treatment Plant. *City of Hollywood Utilities Department, Hollywood, Florida*

Lake Estates Water Main Replacement and Pavement Reconstruction. *City of Fort Lauderdale, Fort Lauderdale, Florida*

Shuttle Block 1 Landing Facility CEI Management. *Space Florida, Titusville, Florida*

South Apron Rehabilitation Design. *Titusville-Cocoa Airport Authority, Titusville, Florida*

Hangar 52 Demolition. *Titusville-Cocoa Airport Authority, Titusville, Florida*

AVAILABILITY



Years Experience
39

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

Licenses/Certifications
PE (Civil): FL
#47062

Value-Add
5+ CEI Projects
Completed at
Wastewater
Treatment
Facilities

PROJECT MANAGER (PRE-CONSTRUCTION)

Wil Wright, PE



Wil has over 16 years of combined experience in construction and engineering project management, on similar projects worldwide. This includes past experience in large diameter pipelines, micro tunneling, utility, and roadway construction projects. His previous duties include CEI management, scheduling, site inspection, quality control, owner interfacing and pay request reviews. He has served in multiple capacities as an owner,

owner's representative, construction manager, general contractor, and engineer. Wil will leverage his past experience and multiple work capacities to ensure successful delivery of this important project. Wil has served as Pre-Construction and/or Construction Manager on the following projects.

RELEVANT EXPERIENCE

General Program Management. *Jacksonville Transportation Authority, Jacksonville, Florida*

Ferry Docking CEI Improvements. *Jacksonville Transportation Authority, Jacksonville, Florida*

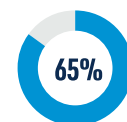
Shuttle Block 1 Landing Facility CEI Management. *Space Florida, Titusville, Florida*

MobilityWorks. *Jacksonville Transportation Authority, Jacksonville, Florida*

Ryadh Metro Building Construction. *Saudi Arabia*

Alta Drive Road Widening. *Jacksonville Transportation Authority, Jacksonville, Florida*

AVAILABILITY



Years Experience
16

Education
B.S., Civil Engineering,
Florida State University

Licenses/Certifications
PE (Civil): FL
#93351

Value-Add
10+ CEI Projects
Completed as
Project Manager



4.2.4 QUALIFICATIONS OF THE PROJECT TEAM

ARCHITECT – ENGINEER QUALIFICATIONS PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Construction Engineering & Inspection (CEI) Services related to the George T. Lohmeyer Wastewater Treatment Plant Redundant Effluent Force Main Project

2. PUBLIC NOTICE DATE

06/07/2023

3. SOLICITATION OR PROJECT
NUMBER

EVENT/RFQ NO # 114

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Brian Russell, PE - Vice President

5. NAME OF FIRM

Michael Baker International, Inc.

6. TELEPHONE NUMBER

904.380.2507

7. FAX NUMBER

N/A

8. E-MAIL ADDRESS

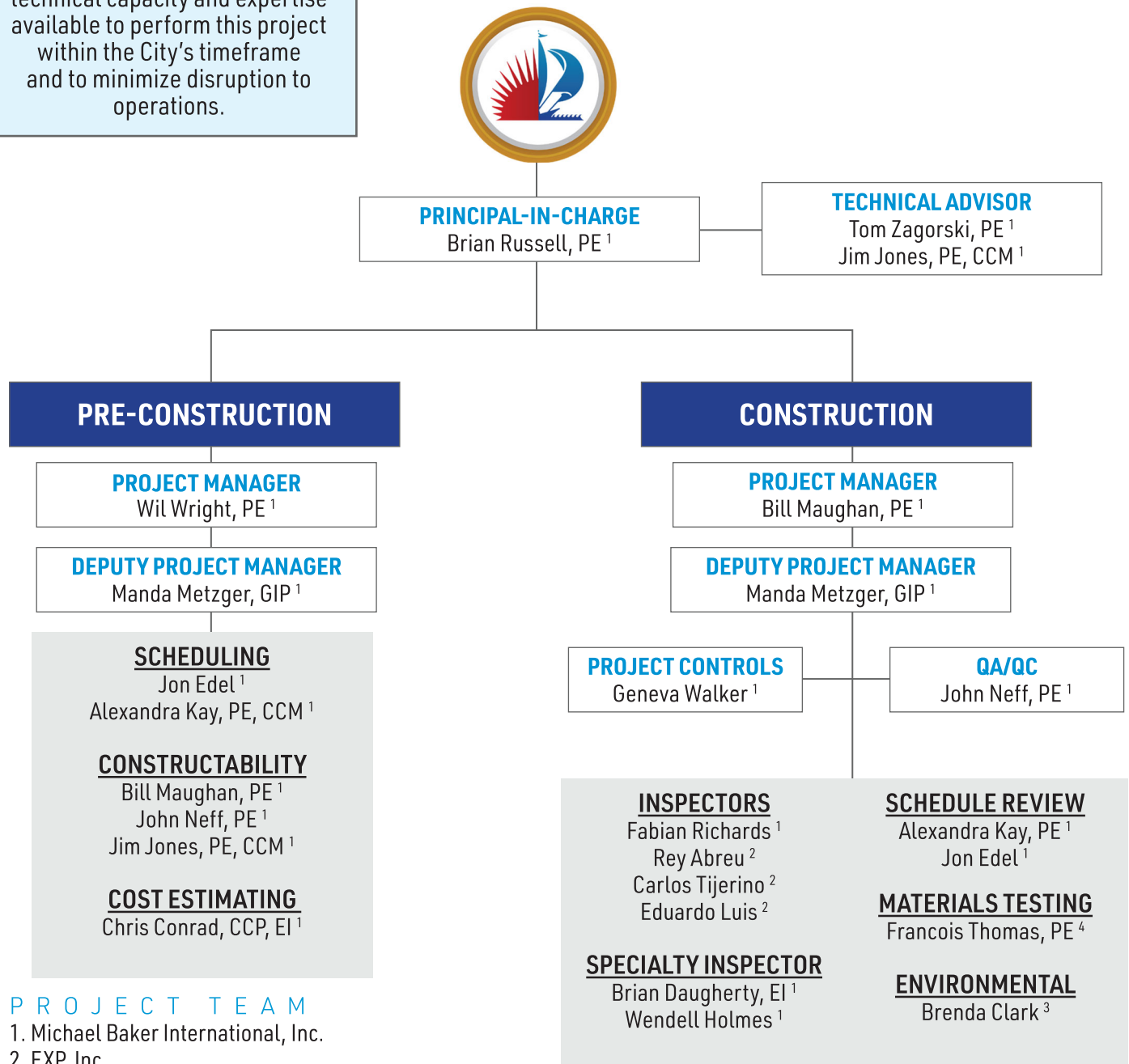
brusell@mbakerintl.com

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON- TRACTOR			
a.	X			Michael Baker International, Inc. <input type="checkbox"/> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	110 East Broward Boulevard Suite 1700 Fort Lauderdale, FL 33301	Construction Management Services
b.	X			Michael Baker International, Inc. <input type="checkbox"/> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	12740 Gran Bay Parkway West Suite 2110 Jacksonville, FL 32258	Construction Management Services
c.			X	EXP U.S. Services Inc. (EXP) <input type="checkbox"/> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	201 Alhambra Circle, Suite 800 Coral Gables, FL 33134	Inspection Services
d.			X	BSC Engineering, Inc. <input type="checkbox"/> <input type="checkbox"/> CHECK IF BRANCH OFFICE	7957 N University Drive #117 Parkland, FL 33067	Environmental Services
e.			X	Thomas Geotechnical Services, LLC <input type="checkbox"/> <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	901 Northpoint Parkway, Suite 404, West Palm Beach, FL 33407	Geotechnical/Materials Testing

In addition to our proposed staff, we are able to pull from our deep bench of CEI personnel, firmwide. Michael Baker has the depth of technical capacity and expertise available to perform this project within the City's timeframe and to minimize disruption to operations.



PROJECT TEAM

1. Michael Baker International, Inc.
2. EXP, Inc.
3. BSC Engineering, Inc. (M/WBE)
4. Thomas Geotechnical Services, LLC (M/WBE)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Brian C. Russell, P.E.	13. ROLE IN THIS CONTRACT Principal-In-Charge	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. TOTAL</td> <td style="width: 50%;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">20</td> <td style="text-align: center;">20</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	20	20
a. TOTAL	b. WITH CURRENT FIRM						
20	20						
15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., Jacksonville, FL							
16. EDUCATION (Degree And Specialization) B.S., Civil Engineering, Florida State University, 2004		17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) FL Professional Engineer - Civil, PE70205, 2009 FAA Pavement Certificate, 2010 FDOT Airfield Pavement Inspection, 2010					

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

Brian has 20 years of experience in transportation project management. He has extensive experience as both Principal and Project Manager on large scale construction projects throughout Florida. Brian will leverage his extensive experience to provide guidance and support to the team from an executive level.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Jacksonville Regional Transportation Center Design, Jacksonville, Florida	2022	2022
a.	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Jacksonville Transportation Authority. Principal-in-Charge, Responsible for design of new transportation facility. Michael Baker, as part of a joint-venture team, provided design services for the state-of-the-art Jacksonville Regional Transportation Center. Michael Baker designed the structure and provided architecture, landscape architecture, right-of-way and utility coordination, geotechnical engineering, and construction management services for the project. \$4,761,732 (Fee) \$40,000,000 (Construction)		
b.	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Jacksonville Transportation Authority. Project Manager, Program Manager & Principal in Charge. Responsible for the overall team organization and delivery of quality services to JTA. Focused on innovative ways to deliver products and add value to JTA's mission. Michael Baker was selected as the general program management consultant to support the client's Blueprint for Transportation Excellence initiatives via staff augmentation for planning, development, design, financing and construction administration. Under this contract, Michael Baker is providing a team of collaborative, multi-disciplined professionals supporting all aspects of the client's Construction & Capital Program Division needs. \$13,600,003 (Fee) Est Comp Date: 2024		
c.	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Volusia County. Principal-in-Charge, Responsible for project team oversight and contractual matters associated with the design, construction documentation, and ongoing construction administration of the terminal renovation at Daytona Beach International Airport. Michael Baker provided design services for the terminal and concourse areas at the Daytona Beach International Airport. Michael Baker's services included design, project management, architectural engineering, signage, and preparation of construction documents. \$768,683 (Fee) \$11,000,000 (Construction)		
e.	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Space Florida. Principal-in-Charge. Michael Baker is providing full-time inspection services to monitor construction activities for construction of Shuttle Landing Facility Block 1. Under this contract, the Michael Baker team is producing quality assurance plans, project management and coordination, pre-construction conference and construction coordination meetings, management of construction submittals, quality assurance testing and inspection, on-site observations, electronic record maintenance, and monthly progress reports. \$1,832,997 (Fee); Est Comp Date: 2024		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Bill Maughan, PE	Project Manager (Construction)	39	2

15. FIRM NAME AND LOCATION (City And State)

Michael Baker International, Inc., West Palm Beach, FL

Michael Baker
INTERNATIONAL

16. EDUCATION (Degree And Specialization)

B.S.C.E., Civil Engineering, University of Florida, Gainesville, 1988

17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline)

FL, Professional Engineer, PE47062, 1993

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

Bill has over 39 years of experience in design, permitting and construction management. He has extensive experience at similar facilities and projects, including serving as Design Manager for the City of Hollywood Utilities Department. He was responsible for design and construction at the South Regional Wastewater Treatment Plant in Hollywood. Bill also has previous experience as the Assistant Project Manager for a \$2.3 million CEI contract for Space Florida at Kennedy Space Center. The construction included potable water, industrial water and sanitary force mains including tie-ins and shutdowns. Bill will leverage his experience to provide optimal construction management solutions to the team.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Terminal 3 Modernization CEI Services Fort Lauderdale, Florida	2021	2021
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm Fort Lauderdale International Airport. Project Manager. Responsible for CEI Services that included wet taps on watermain and force mains including pressure tests on tapping sleeves, pressure tests on watermain and force mains, pipe joint restraint product types and installation, pipe material adapter fittings, line stops for cutting-in Tees, line stops for horizontal and vertical pipe deflections including bypass piping where constant flow was required.		
b.	Sludge Dewatering Press Building Hollywood, Florida	2019	2019
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm South Regional Wastewater Treatment Plant. Construction Manager. Led CEI team on project that included construction of the sludge dewatering press building to dry the sludge into "cakes" for loading into trucks. The presses were approximately 20 feet above grade and the trucks entered the building under the presses. <i>Fee Withheld.</i>		
c.	Oxygen Trains Hollywood, Florida	2019	2019
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm South Regional Wastewater Treatment Plant. Project Manager. Responsible for the installation of oxygen trains for increased aeration and oxygen transfer at the activated sludge wastewater treatment plant. <i>Fee Withheld.</i>		
d.	Shuttle Landing Facility Block 1 Development Construction Management, Space Florida Kennedy Space Center, Florida	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Space Florida. Project Manager. Michael Baker is providing full-time inspection services to monitor construction activities for construction of Shuttle Landing Facility Block 1. Under this contract, the Michael Baker team is producing quality assurance plans, project management and coordination, pre-construction conference and construction coordination meetings, management of construction submittals, quality assurance testing and inspection, on-site observations, electronic record maintenance, and monthly progress reports. \$2,300,000.00 (Fee); Est Comp Date: 2024		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Wil L. Wright, P.E.	13. ROLE IN THIS CONTRACT Pre-Construction Manager	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM < 1
15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., Jacksonville, FL			
16. EDUCATION (Degree And Specialization) B.S., Civil Engineering, Florida State University, 2007		17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) FL Professional Engineer - Civil, PE93351, 2011 Saudi Council of Engineers Membership #720957 American Society of Civil Engineers (ASCE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Wil has over 16 years of combined experience in construction and engineering project management, on similar projects worldwide. This includes past experience in utility, roadway, marine, and rail construction projects. His previous duties include CEI management, scheduling, site inspection, quality control, owner interfacing and pay request reviews. He has served in multiple capacities as an owner, owner's representative, general contractor and engineer. Wil will leverage his past experiences and multiple work capacities to ensure successful delivery of this important project.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Shuttle Landing Facility Block 1 Development Construction Management, Space Florida, Merritt Island, Florida	Ongoing	Ongoing
	Check if project performed with current firm		
a.	Space Florida. Pre-Construction Manager. Michael Baker is providing full-time inspection services to monitor construction activities for construction of Shuttle Landing Facility Block 1. Under this contract, the Michael Baker team is producing quality assurance plans, project management and coordination, pre-construction conference and construction coordination meetings, management of construction submittals, quality assurance testing and inspection, on-site observations, electronic record maintenance, and monthly progress reports. \$1,832,997 (Fee); Est Comp Date: 2024		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	General Program Management and Engineering, Jacksonville, Florida	Ongoing	Ongoing
	Check if project performed with current firm		
b.	Jacksonville Transportation Authority. Construction Manager. Responsible for various capital improvement projects related to on-call contract with client. Michael Baker was selected as the general program management consultant to support the client's Blueprint for Transportation Excellence initiatives via staff augmentation for planning, development, design, financing and construction administration. Under this contract, Michael Baker is providing a team of collaborative, multi-disciplined professionals supporting all aspects of the client's Construction & Capital Program Division needs. \$13,600,003 (Fee) Est Comp Date: 2024		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	AMTRAK Station (SOG), Jacksonville Florida	Ongoing	Ongoing
	Check if project performed with current firm		
c.	AMTRAK. Construction Manager. Michael Baker in providing full-time CEI services related to the State of Good Repair Improvements projects for Amtrak. The goal of the project is the rehabilitation and asbestos abatement of the Jacksonville Amtrak Station. Under this contract Michael Baker is providing Pre-Construction and Construction phase services which include Reviews, Coordination, Monthly Reports, Meetings, Safety, Construction Scheduling, Submittals, RFIs, Substitutions, Invoices, Change Orders and Claims, PMIS File Management, Substantial Completion Inspections, Project Records and Documents, and Inspection Services. \$301,877 (Fee) Est Comp Date: 2024		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Riyadh Metro, Riyadh Saudi Arabia	2019	2019
	Check if project performed with current firm (Not with MBI)		
d.	Royal Commission for Riyadh City. Resident Engineer. As part of a \$22.5 Billion dollar effort, this project included construction of deep underground passenger metro rail stations along Line 1 with adjoining roadway and utilities improvements. Project consisted of 85 total stations across 6 different metro lines spanning throughout the City of Riyadh and totaling over 109 miles. Responsible for CEI services including daily oversight of stations and new park construction, construction and engineering inspections, client interface and progress meeting briefings. Additionally, managed reviews of RFI's, field change documents, project drawing and contractors request for payment. Fee Withheld		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Manda L. Metzger, GIP	13. ROLE IN THIS CONTRACT Deputy Project Manager	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL</td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">14</td> <td style="text-align: center;">< 1</td> </tr> </table>	a. TOTAL	b. WITH CURRENT FIRM	14	< 1	15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., Moon Township, PA <div style="text-align: right; font-weight: bold; font-size: small;"> Michael Baker INTERNATIONAL </div>
a. TOTAL	b. WITH CURRENT FIRM						
14	< 1						
16. EDUCATION (Degree And Specialization) M.S.E., Civil and Environmental Engineering, University of Pittsburgh, 2019 B.S., Civil Engineering Technology, Point Park University, 2017	17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) PA, NASSCO Lateral Assessment & Certification, U-512-15359, 2012, e-Builder Certified Professional, OSHA 10-Hour Construction Outreach Training, , 2016 PA, NASSCO Manhole Assessment & Certification, U-512-15359, 2012 PA, NASSCO Pipeline Assessment & Certification, U-512-15359, 2012, PA, National Green Infrastructure Cert (NGICP), 205, 2017						
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Manda is an efficient, hands-on construction professional with institutional knowledge of the public utility industry and experience with permitting and pre-construction efforts in the private development sector. Her knowledge has been acquired from working with a private developer and at the Pittsburgh Water and Sewer Authority. She possesses the ability to plan, organize, coordinate, and manage the construction work for local and national businesses, as well as highly visible water, sewer and storm sewer industry projects.							

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Blount Island FY 22 Environmental Services, Jacksonville, Florida	Ongoing	Ongoing
	[X] Check if project performed with current firm		
a.	<i>U.S. Army Corps of Engineers, Mobile District.</i> Construction Manager. Responsible for project cost estimate assistance. Michael Baker provided comprehensive support as part of a joint venture effort with PHE for environmental, energy, and safety compliance and management programs at Marine Corps Support Facility Blount Island (MCSF-BI), a 1,100-acre military facility surrounded by the St. John's River in Jacksonville, Florida. We provided a blend of full-time onsite and remote personnel who worked in close coordination with MCSF-BI environmental program managers with oversight of USACE Mobile District. Joint venture services most relevant to this solicitation included natural resources compliance and technical support, feature class stormwater compliance, and GIS support. \$1,320,621 (Fee); Est Comp Date: 2024		
	Design and Construction Management Master Services Contract, Southwestern Pennsylvania	Ongoing	Ongoing
	[X] Check if project performed with current firm		
b.	<i>Duquesne Light Company.</i> Construction Manager. Michael Baker is providing architectural and engineering services under a three-year master services agreement for design, preconstruction, bid phase, construction management, and other services for the renovation or improvements to the company's facilities and for major capital projects and programs. Michael Baker's services include project management, architectural and engineering design, design management and design reviews, cost estimates, construction sequencing, bidding-phase support, and construction management and inspection. \$5,255,286 (Fee); Est Comp Date: 2023		
	Ivyglen and Odette Street Sewer Separation Pittsburgh, Pennsylvania	2019	2019
	[] Check if project performed with current firm		
c.	<i>Pittsburgh Water and Sewer Authority.</i> Construction Manager. Responsible for managing CEI team in over 1700 feet of storm and sanitary sewers installed including private laterals, manholes and catch basins. Public communication and outreach were important due to confined work zone area and property easements as required.		
	Smallman Street Reconstruction Pittsburgh, Pennsylvania	2019	2019
	[] Check if project performed with current firm		
d.	<i>Pittsburgh Water and Sewer Authority.</i> Construction Manager for this design-build project that included tight deadlines with city coordination and regular public communication. This project was completed on time and under budget and awarded the 2019 SAME Project of the Year Award.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME John F. Neff, P.E.	13. ROLE IN THIS CONTRACT QA/QC	14. YEARS EXPERIENCE <table style="width: 100%;"> <tr> <td style="width: 50%;">a. TOTAL</td> <td style="width: 50%;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">48</td> <td style="text-align: center;">3</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	48	3
a. TOTAL	b. WITH CURRENT FIRM						
48	3						
15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., West Palm Beach, FL							
16. EDUCATION (Degree And Specialization) B.S.C.E., Civil Engineering, Florida Atlantic University, 2008		17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) FL, Professional Engineer - Civil, PE70633, 2010 FL, Qualified Stormwater Management Inspector, 183, 2004					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) A former City of Fort Lauderdale employee, Mr. Neff is experienced in design, project management, and contract administration in a wide range of projects from power generation to land development. He oversees complex projects from conception through final commissioning.							

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Bermuda Riviera Water Main Replacement, Fort Lauderdale, Florida	2020	2020
	[X] Check if project performed with current firm		
a.	City of Fort Lauderdale. QA/QC. Michael Baker provided construction engineering and inspection services for the replacement of approximately 24,000 linear feet of water main piping. The scope of construction entailed the installation eight-inch-diameter water main piping using the pipe bursting method for existing water mains and horizontal directional drilling where new piping is needed to complete the water system loops and avoid dead-end connections. Open-cut excavations were also part of the project. Additionally, Michael Baker reconstructed 47,300 square yards of asphalt paving, with full-depth reconstruction in some areas, perform 3,800 linear feet of thermoplastic stripping, and provided concrete sidewalk restoration at several locations. \$293,791 (Fee)		
	Automated Weather Observation System Design and Construction, Ocean Reef Club Airport (07FA), Key Largo, Florida	2021	2021
	[X] Check if project performed with current firm		
b.	Ocean Reef Club, Inc. Served as Design Engineer, Construction Administrator and Engineer of Record for permitted plans and specifications. Michael Baker provided design and engineering services for an automated weather observation system (AWOS) at the Ocean Reef Club Airport. The Ocean Reef Club acquired a new AWOS-III weather station, which was designed and installed according to Federal Aviation Administration (FAA) requirements per FAA Advisory Circular 150/5220-16E, "Automated Weather Observation Systems for Non-Federal Applications." <i>Fee Withheld</i>		
	South Apron Rehabilitation Design, Merritt Island Airport (COI), Merritt Island, Florida	2023	2023
	[X] Check if project performed with current firm		
c.	Titusville-Cocoa Airport Authority. Senior Civil Engineer. Assumed leadership role during construction to resolve design issues. Michael Baker is providing design and engineering services for the re-construction and rehabilitation of the south aircraft parking apron as well as the rehabilitation of an area of subsidence on Runway 11-29. The project also includes some rehabilitation of a stormwater pond and construction of a dry retention area to support environmental permitting requirements. \$2,438,316 (Fee)		
	Boynton Beach 10 Acre Permanent Improvements, 10101 100th Street South, Boynton Beach, Florida	Ongoing	Ongoing
	[X] Check if project performed with current firm		
d.	FOMENTO DE CONSTRUCCIONES Y CONTRATAS INC. Senior Staff Consultant. Working as a technical advisor to resolve construction and design issues for permitting and construction. Michael Baker is providing services for demolition of existing structures and construction of a 3,000 square-foot warehouse, oil and sand separator, deck for office trailers, subgrade stabilization for truck parking, an employee parking lot, stormwater improvements, and site concrete work. The project will provide development of approximately 10 acres in Palm Beach County at 10101 100th Street South in Boynton Beach. \$736,540 (Fee); <i>Est Comp Date: 2023</i>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jon C. Edel, Jr.	13. ROLE IN THIS CONTRACT Scheduler	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL</td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">25</td> <td style="text-align: center;">25</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	25	25
a. TOTAL	b. WITH CURRENT FIRM						
25	25						
15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., Jacksonville, FL							
16. EDUCATION (Degree And Specialization) Master's Certificate, Project Management, University of Pittsburgh, Katz Graduate School of Business, 2010 B.S., Environmental Science/Geology, Edinboro University of Pennsylvania, 1997		17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) NS Roadway Worker Protection Certification, 6411428, 2016 CSX Roadway Worker Protection Certification, 4950718, 2016 FL, Norfolk Southern e-RAILSAFE Certification, 206605, 2015 AHA CPR and Automated External Defibrillator (AED), 2022					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Edel's current responsibilities include working as the Safety and Quality Manager for the Construction Services Practice. In this position, he reports directly to the National Director of Construction Services and is responsible for maintaining the Construction Services Practice quality processes, as well as the safety processes/procedures working in conjunction with Michael Baker's Health and Safety Department. Additional responsibilities include financial monitoring and reporting for the Practice, as well as providing scheduling review/analysis support for CEI projects. Other previous Michael Baker experience includes the responsibility as a full-time lead scheduler for Michael Baker's Department of Homeland Security contracts with the U.S. Visitor and Immigrant Status Indicator Technology (US-VISIT) Program and the National Protection and Programs Directorate (NPPD). Mr. Edel also provided program and project management assistance for Michael Baker task orders within the US-VISIT and NPPD programs.							

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	COI Corporate Hangar Project, Space Coast Regional Airport (TIX), Titusville, Florida	2023	2023
	[X] Check if project performed with current firm		
a.	Titusville-Cocoa Airport Authority. Scheduler. Responsible for providing scheduling support and assistance to the Michael Baker project team utilizing MS Project scheduling software. Michael Baker is providing design and engineering services for a pre-engineered landside and airside hangar complex. The new facility is a 60-foot-by-60-foot pre-engineered hangar and includes modifications to the existing security perimeter. A bathroom and mop room will be included in the facility, along with a small package lift station for sanitary and 200-amp service. Modifications to the area include the development of a five-car parking lot attached to Manor Drive with a 93-foot-by-64-foot apron connected to the taxilane. Michael Baker will also provide realignment of the taxilane to enhance operations and a dry retention area with overflow for improved storm drainage on the south side of Manor Drive. A 20-foot-by-20-foot concrete pad will connect to the east side of the hangar. \$117,981 (Fee)		
	General Program Management and Engineering, Jacksonville, Florida	Ongoing	N/A
	[X] Check if project performed with current firm		
b.	Jacksonville Transportation Authority. Technical Advisor. Responsible for writing the Project Controls and Schedule Support Services and Bid Support Services sections of the GPME proposal. Michael Baker was selected as the general program management consultant to support the client's Blueprint for Transportation Excellence initiatives via staff augmentation for planning, development, design, financing and construction administration. Under this contract, Michael Baker is providing a team of collaborative, multi-disciplined professionals supporting all aspects of the client's Construction & Capital Program Division needs. \$13,600,003 (Fee); Est Comp Date: 2024		
	Highway 412 Widening: Utility Relocation Inspection and CEI Services, Lawrence and Greene Counties, Arkansas	Ongoing	Ongoing
	[X] Check if project performed with current firm		
d.	Arkansas Department of Transportation. Scheduler. Responsible for providing scheduling analysis/review support and assistance to the Michael Baker Project Team utilizing Primavera P6 Scheduling Software. Michael Baker is providing complete construction management and inspection services, as well as utility relocation inspection services for this construction project to widen approximately 14.4 miles of Highway 412 in Lawrence and Greene counties, just east of Walnut Ridge, in Arkansas. \$6,119,186 (Fee) \$70,000,000 (Est. Construction)		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Alexandra Kay, P.E., CCM	13. ROLE IN THIS CONTRACT Scheduling	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL</td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">12</td> <td style="text-align: center;">2</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	12	2
a. TOTAL	b. WITH CURRENT FIRM						
12	2						
15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., Orlando, FL							
16. EDUCATION (Degree And Specialization) M.B.A., Business Administration, Rollins College, 2019 B.S., Civil Engineering/Transportation Engineering, Florida International University, 2010		17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) FL, Certified Construction Manager, 8707, 2018 FL, Professional Engineer, 81423, 2016					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) As a Senior Project Engineer, Ms. Kay is responsible for providing contract administration services and office engineering support for bridge and roadway construction projects. Her experience also includes serving as a Project Control Specialist for various clients, preparing and managing schedules and budgets, costs, evaluating delays, reviewing, negotiating and settling construction claims and defending the Owner.							

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	P-20-001 Orange Line CEI Jacksonville, Florida	2022	2022
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE		
	Jacksonville Transportation Authority. Senior Project Engineer. Responsible for overall CEI oversight for the reconstruction of 22 bus stop locations from Orange Park Mall to downtown Jacksonville. This \$33.2 million project included 12.9 miles of transit improvements on existing surface streets primarily in mixed traffic operations and consisted of the reconstruction of the existing bus stop locations, roadway, and sidewalk to accommodate JTA's new Southwest Corridor BRT (Orange Line). Reconstruction included the addition of lanes/widening of the roadway, bus pad and amenity construction, sidewalk reconstruction, ITS and fiber optic installation, concrete and asphalt paving, and implementation of TSP system installed at 24 intersections along Blanding Boulevard. \$737,522 (Fee)		
b.	Shuttle Landing Facility Block 1 Development Construction Management, Space Florida, Merritt Island, Florida	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE		
	Space Florida. Project Controls Manager. Serving as a Document Control Manager/Administrator, responsible for establishing and maintaining electronic document control system for storing project records and documents; managing project documentation, material certifications, EEO, and utilizing Box and Procore applications for project document control. Also responsible for coordination of all paperwork and other materials related to project documentation, verifying that all files for Space Florida project both in hardcopy (if any) and electronic versions are stored correctly in the project directory. Michael Baker is providing full-time inspection services to monitor construction activities for construction of Shuttle Landing Facility Block 1. \$1,832,997 (Fee); Est Comp Date: 2024		
c.	General Program Management and Engineering, Jacksonville, Florida	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE		
	Jacksonville Transportation Authority. Scheduler / Task Manager. Serving as Task Manager to support JTA on the execution of multiple construction projects. Responsible for project management and oversight of all consultant CEI and contractor operations acting as a JTA Project Manager, coordinating with JTA staff to manage project schedule, budget, and quality; managing project documentation, preparing project reports and guidance as needed; attending project and JTA meetings; preparing necessary meeting documentation and updates to ensure achievement of JTA goals. \$13,624,442 (Fee); Est Comp Date: 2024		
d.	Blount Island FY 22 Environmental Services, Jacksonville, Florida	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE		
	U.S. Army Corps of Engineers, Mobile District. Scheduler. Michael Baker provided comprehensive support as part of a joint venture effort with PHE for environmental, energy, and safety compliance and management programs at Marine Corps Support Facility Blount Island (MCSF-BI), a 1,100-acre military facility surrounded by the St. John's River in Jacksonville, Florida. We provided a blend of full-time onsite and remote personnel who worked in close coordination with MCSF-BI environmental program managers with oversight of USACE Mobile District. Joint venture services most relevant to this solicitation included natural resources compliance and technical support, feature class stormwater compliance, and GIS support. \$1,320,621 (Fee); Est Comp Date: 2024		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Chris A. Conrad, CCP, E.I.T.	Cost Estimating	38	13

15. FIRM NAME AND LOCATION (City And State)
Michael Baker International, Inc., Alexandria, VA



16. EDUCATION (Degree And Specialization)
B.S.C.E., Structural, University of Colorado at Denver, 1989

17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline)
WWW, Certified Cost Professional, 3337, 2022
CO, Engineer-In-Training, 36579, 1989

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

Chris has experience in construction cost estimating, engineering, project management, and construction management. He has been trained to perform cost estimates in various software applications, including SUCCESS, MII, MCACES, RS Means Costworks, Timberline Estimator, and Excel. He routinely prepares cost estimates, at all stages of design, as IDIQ task orders for numerous government clients, including the U.S. Army Corps of Engineers, Naval Facilities Engineering Command, and the Washington Headquarters Services. He holds an active Top Secret clearance.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	General Program Management and Engineering, Jacksonville, Florida	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	a. Jacksonville Transportation Authority. Cost Estimating. Responsible for cost estimation on various contract tasks. Michael Baker was selected as the general program management consultant to support the client's Blueprint for Transportation Excellence initiatives via staff augmentation for planning, development, design, financing and construction administration. Under this contract, Michael Baker is providing a team of collaborative, multi-disciplined professionals supporting all aspects of the client's Construction & Capital Program Division needs. \$13,624,442 (Fee); Est Comp Date: 2024		
b.	Jacksonville Regional Transportation Center Design, Jacksonville, Florida	2022	2020
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	b. Jacksonville Transportation Authority. Task Manager – Cost Estimating. Responsible for providing administrative functions including oversight of the Michael Baker International team performing cost estimating services for this project, providing accounting and financial oversight to support Oracle accounting functions such as forecasting project costs, completion status, client invoicing and payment, budgeting, and project setup. Also responsible for client communications, submissions, contract management, and project closeout. Michael Baker, as part of a joint-venture team, provided design services for the state-of-the-art Jacksonville Regional Transportation Center. \$4,761,732 (Fee) \$65,000,000 (Construction)		
c.	Route 58 Lover's Leap Design-Build Project, Patrick County, Virginia	2020	2020
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	c. Virginia Department of Transportation. Cost Estimator Michael Baker provided an independent cost estimate for the widening of Route 58 at Lovers Leap Mountain area in Virginia. Michael Baker provided an independent analysis of the design fee, prepared a G&A cost analysis, analyzed the construction schedule, and solicited independent excavation subcontract bids. Services included quantity takeoffs, initial quantity reconciliation, estimate pricing, internal cost reviews, and pricing reconciliation. \$194,242 (Fee) \$250,000,000 (Construction)		
d.	2013-2021 Task-Based Architectural/Engineering Contract, Connecticut	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	d. Connecticut Department of Transportation. Cost Estimating. Michael Baker currently holds one of two task-based architectural/engineering contracts to assist the client with third party reviews, communication design, bridge design, project management and control documentation, emergency response activities, asset management data collection, independent cost estimating, and passenger rail facility planning. Projects include cost estimating for the Orange Station, Highway Operations Control Center renovation design, Naugatuck Railroad Station conceptual design, Berlin Railroad Station post-fire assistance, Norwalk Aquarium estimate validation, Bradley Flyer Transit Service design enhancements, and Route 40 Bridges review and investigation. \$2,964,966 (Fee)		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Fabian E. Richards	Senior Construction Inspector	a. TOTAL	b. WITH CURRENT FIRM
		23	4

15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., West Palm Beach, FL	Michael Baker INTERNATIONAL
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16. EDUCATION (Degree And Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) FL, FDOT Advanced Traffic Control Certification, 67284, 2020 FL, Nuclear Gauge Safety Certificate, BC051ADF20A62584, 2019 FL, OSHA 10-Hour Construction Outreach Training, ID 9861304370, 2017 FL, FDOT Advanced Maintenance of Traffic (MOT), 67284, 2020 FL, FDOT Concrete Field Inspector Specifications, 2019 FL, FDOT Earthwork Construction Inspection- Level 1, 3003280, 2021 FL, FDOT Earthwork Construction Inspection- Level 2, 3003282, 2021 FL, FDOT Asphalt Paving Level 1, 3003222, 2021 FL, FDOT Asphalt Paving Level 2, 3003282, 2021 FL, FDOT Pile Driving Inspection, 2021
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 Mr. Richards is a self-motivated professional with construction quality control and materials testing experience in the areas of commercial/industrial construction and construction of federally funded transportation projects.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) FXE Runway Improvements Construction Engineering & Inspections, Fort Lauderdale Executive Airport (FXE), Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023	2023
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm
	City of Fort Lauderdale. Senior Construction Inspector. Responsible for inspection, report, observation, and documentation of all activities. Michael Baker provided design and engineering services for the installation of LED runway guard light (RGL) units, surface-painted signage, and paving markings at five approach runways. \$81,248 (Fee)		
b.	(1) TITLE AND LOCATION (City and State) George T. Lohmeyer Treatment Plant Rehabilitation, Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2021	2021
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm
	City of Fort Lauderdale. Senior Construction Inspector. Performed observations, inspection, and documentations of pay item on a day to day operation confirming ASTM and Federal Department standards according to plans and specification. Michael Baker provided construction engineering and inspection services for the George T. Lohmeyer Wastewater Treatment Plant. Under this contract, it restored disturbed areas for the prestressed concrete cylinder pipe (PCCP) that conveys pretreated raw sewage from reactor one and two's outlet boxes and clarifier influent wastewater to a battery three clarifier splitter box. The PCCP was replaced with ductile iron pipe or structurally lined. \$322,530 (Fee)		
c.	(1) TITLE AND LOCATION (City and State) Bermuda Riviera Water Main Replacement, Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2020	2020
	(3) BRIEF DESCRIPTION (Brief Scope, Size, Cost, etc.) AND SPECIFIC ROLE		[X] Check if project performed with current firm
	City of Fort Lauderdale. Construction Inspector. Performed observations, inspection, and documentations of pay item on a day to day operation confirming ASTM and Federal Department standards according to plans and specification. Michael Baker is providing construction engineering and inspection services for the replacement of approximately 24,000 linear feet of water main piping. The scope of construction entails the installation eight-inch-diameter water main piping using the pipe bursting method for existing water mains and horizontal directional drilling where new piping is needed to complete the water system loops and avoid dead-end connections. Open-cut excavations are also part of the project. Additionally, Michael Baker will reconstruct 47,300 square yards of asphalt paving, with full-depth reconstruction in some areas, perform 3,800 linear feet of thermoplastic stripping, and provide concrete sidewalk restoration at several locations. \$293,791 (Fee)		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Wendell S. Holmes	Specialty Inspector	14	2

15. FIRM NAME AND LOCATION (City And State)
Michael Baker International, Inc., Moon Township, PA



16. EDUCATION (Degree And Specialization)
M.B.A., 2010, Business Management, Colorado Technical University
B.S., 2009, Business Management, Colorado Technical University

17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline)
Master Electrician, Texas, 1996, 50186

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

Mr. Holmes is a dedicated, accomplished, and resourceful construction inspector and Master Electrician. He has extensive experience contributing to electrical and instrumentation, performing outstanding inspections with the proven ability to guide transmission lines, utilities, manufacturing, and industrial projects through their entire life cycles including estimating, site development, scheduling, budget forecasting and control, and subcontractor supervision. Mr. Holmes has substantial industrial, commercial, hospital, and residential electrical installations field experience and excellent interpersonal and negotiation skills with a penchant for articulate and collaborative communication.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	ALCOSAN Wet Weather Plant Expansion Construction Management Services, Pittsburgh, Pennsylvania	2023	2023
	[X] Check if project performed with current firm		
	Allegheny County Sanitary (ALCOSAN) Authority. Electrical Technician. Responsible for electrical services. Michael Baker is providing construction management services for the ALCOSAN's Wet Weather Plant Expansion Program. One of the most complex and important public works projects in the history of Pittsburgh, ALCOSAN has developed a Wet Weather Plan that evaluates and improves multiple components of the ALCOSAN system and increases capacity to receive more flows during wet weather events. Michael Baker is providing construction management services from pre-construction through closeout, including design phase services, constructability reviews, value engineering, bidding assistance, resident inspection, scheduling, and start-up and commissioning services. \$16,012,980 (Fee) \$335,000,000 (Construction)		
b.	ResourceTek, Nashville, Tennessee	2021	N/A
	[] Check if project performed with current firm		
	ResourceTek. Specialty Inspector/Master Electrician. Managed all aspects of the electrical build and design installation. Monitored daily, weekly and monthly contractual requirements and supported all electrical requirements and NEC regulations. Solved problems and communicated with the customer to ensure proper wiring systems and scope requirements were being met. Responsible for installing electrical systems per the NEC and engineered drawings. Observed all safety regulations per the site standard to include all OSHA regulations.		
c.	Petrochemical Plant Construction, Pennsylvania	2021	N/A
	[] Check if project performed with current firm		
	EnerMech Mechanical Services, Inc. Specialty Inspector/Master Electrician. Installed electrical cable tray and wire way for a petrochemical plant in Pennsylvania. Industrial environment Journeyman Electrician responsible for all aspects of the electrical systems. Problem solved and communicated with the customer to ensure proper wiring systems and scope requirements were being met. Responsible for installing electrical systems per the NEC and engineered drawings. Observed all safety regulations per the site standard to include all OSHA regulations.		
d.	ResourceTek, Mt. Juliet, Tennessee	2020	N/A
	[] Check if project performed with current firm		
	Specialty Inspector/Master Electrician. Provided electrical support for all manufacturing, industrial, and electrical projects. Drove cost-effective electrical techniques and strategies in the field. Responsible for fast-paced electrical installation with attention to detail. Maintained daily electrical reports and safety protocols throughout the lifecycle of each project.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME James W. Jones, Jr., P.E., CCM	13. ROLE IN THIS CONTRACT Specialty Inspector and Constructability	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., Moon Township, PA		Michael Baker INTERNATIONAL	
16. EDUCATION (Degree And Specialization) M.S., 2006, Civil and Environmental Engineering, Youngstown State University B.S., 1997, Environmental Science, Youngstown State University	17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) Professional Engineer, Ohio, 2011, 75201 Wastewater Treatment Operator OSHA 30-Hour Construction Outreach Training, WW3-1105899-09 Certified Construction Manager		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Jones is a seasoned wastewater treatment plant expert who demonstrates technical, construction and operations knowledge along with organizational, communications and leadership skills. He understands the priorities, concerns, and expectations of a wastewater treatment plant operator, based on his experience managing operations for the Mahoning Valley Sanitary District and the Northeast Ohio Regional Sewer District. A substantial portion of his experience has been involved in overseeing capital projects for Collection Systems, CSO, Green Infrastructure and Storm Water construction. His experience provides valuable insight into all areas of project management and project stakeholder perspectives. He has been responsible for project policy and procedure writing and implementation; CM, quality and safety management plan development; pre-purchase program management; design management, biddability and construction reviews; estimate and schedule review and analysis; contract document development and administration; submittal reviews; bidding process management; project control; document control; construction inspection and quality assurance; site safety management; change management; claim and dispute resolution; risk management; facility testing and commissioning; contract close-out; project reporting; and client presentations.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	ALCOSAN Wet Weather Plant Expansion Construction Management Services, Pittsburgh, Pennsylvania	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2023	2023
	[X] Check if project performed with current firm		
a.	Allegheny County Sanitary (ALCOSAN) Authority. Project Manager. Responsible for overseeing the construction management of all projects associated with the plant expansion. Managed a staff of Resident Engineers, Office Engineers, Project Controls, Scheduler, Safety Manager and Resident Inspectors. Implemented an electronic project management system to assist in review and overall quality of deliverables such as meeting minutes, daily field inspection reports, photograph logs, schedule management and punch list preparation. The PMIS was also implemented to assist in the management of new assets installed from shop drawing approval, fabrication/delivery, and commissioning. Michael Baker is providing construction management services for the ALCOSAN's Wet Weather Plant Expansion Program. One of the most complex and important public works projects in the history of Pittsburgh, ALCOSAN has developed a Wet Weather Plan that evaluates and improves multiple components of the ALCOSAN system and increases capacity to receive more flows during wet weather events. \$16,012,980 (Fee) \$335,000,000 (Construction)		
	(1) TITLE AND LOCATION (City and State) Red Hook Combined Sewer Overflow Abatement Facility, Brooklyn, New York	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) 2023
	[X] Check if project performed with current firm		
b.	New York City Department of Environmental Protection. Technical Manager. Performed constructability review. Michael Baker is providing construction management services for the demolition of building structures and site preparation as the first phase of construction. Our proactive approach has prevented any schedule delays and resulted in zero claims and no accidents on site. Services include all demolition, utility disconnects, and regulated materials abatement. \$3,978,640 (Fee) \$15,417,000 (Construction)		
	(1) TITLE AND LOCATION (City and State) Walworth Run Interceptor Realignment Project (WRIR), Northeast Ohio	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2022
	[] Check if project performed with current firm		
c.	Northeast Ohio Regional Sewer District. Managed the construction relocation project to accommodate the new ODOT Inner-belt bridge project that interferes with the location of an existing interceptor for Northeast Ohio Regional Sewer District. This work included the installation of 1,270 feet of 60-inch sewer, installation of four temporary access shafts for tunnel installation, replacement of two manholes, abandonment of a regulator structure, abandonment of storm/combined sewers, and rehabilitation of an existing regulator. \$6,800,000 (Construction)		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Geneva Walker	13. ROLE IN THIS CONTRACT Project Controls Specialist	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. TOTAL</td> <td style="width: 50%;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">4</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	4	4
a. TOTAL	b. WITH CURRENT FIRM						
4	4						
15. FIRM NAME AND LOCATION (City And State) Michael Baker International, Inc., Jacksonville, FL							
16. EDUCATION (Degree And Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline) FL, FDOT Final Estimates Level I, 3002667, 2021 FL, FDOT Final Estimates Level II, 3002668, 2021					

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

Ms. Walker is an organized manager of diverse accounts and projects to assure completion in a timely manner and within budget. She has extensive experience providing project control support to large scale construction projects throughout the state. She will leverage her in depth knowledge of agency coordination to provide value to the team.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Shuttle Landing Facility Block 1 Development Construction Management, Space Florida, Merritt Island, Florida	Ongoing	Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm		
a.	<i>Space Florida.</i> Project Controls Specialist. Michael Baker is providing full-time inspection services to monitor construction activities for construction of Shuttle Landing Facility Block 1. Under this contract, the Michael Baker team is producing quality assurance plans, project management and coordination, pre-construction conference and construction coordination meetings, management of construction submittals, quality assurance testing and inspection, on-site observations, electronic record maintenance, and monthly progress reports. \$1,832,997 (Fee); Est Comp Date: 2024		
	Hangar 1005, Cecil Airport (VQQ), Jacksonville, Florida	2023	2023
	<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	<i>Jacksonville Aviation Authority.</i> Project Coordinator. Responsible for project manual, technical specs, and billing. Michael Baker prepared a conceptual development plan for approximately 150 acres in the northeast quadrant of Cecil Airport. The plan included a new FBO facility and MRO facilities of various sizes. The scope of work included developing a conceptual utility plan, stormwater facilities, a common-use fire protection system, landside improvements, cost estimates, and an implementation/capital improvements program. Michael Baker provided project management, architecture, structural engineering, airfield engineering stormwater design, pavement design, permitting, and bid phase and construction phasing services for the project. \$875,460 (Fee) \$10,875,852 (Construction); Est Comp Date: 2023		
	Daytona Airport Terminal Renovation, Daytona Beach International Airport (DAB), Daytona Beach, Florida	2023	2021
	<input type="checkbox"/> Check if project performed with current firm		
c.	<i>Volusia County.</i> Project Coordinator. Provided cut sheets and samples for airport amenity selections. Michael Baker provided design services for the terminal and concourse areas at the Daytona Beach International Airport. Teaming with Faith Group and Perkins + Will, Michael Baker led the renovation efforts to reinvent the building, removing a pedestrian bridge from the lobby to create a more open and inviting space, installing video boards, and updating the general aesthetic according to Daytona's history and vision. It enhanced passenger experience by creating a bright, light-filled space that was easy to navigate and filled with amenities. Michael Baker's services included design, project management, architectural engineering, signage, and preparation of construction documents. \$768,683 (Fee) \$11,000,000 (Construction)		

E. RESUMES OF KEY PERSONNEL FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14 YEARS EXPERIENCE	
Reynaldo "Rey" Abreu	Inspection Support	a. TOTAL	b. CURRENT FIRM
		41+	1+
15. FIRM NAME AND LOCATION (City and State)			
EXP U.S. Services Inc.; Coral Gables, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
Bachelor of Science – Civil Engineering		Fundamental of Engineering Exam (F.E.)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Rey has over 41 years of experience in the design, construction, project and program management of water and wastewater projects. He has 2 years at EAC, Consulting, Inc as a Senior Technical Advisor and the other 38 years of his career working for the Miami -Dade Water and Sewer Department. During that time, he designed thousands of miles of water and sewer pipelines and multiple pump stations. He also served as the Design Manager for the engineering department for more than a decade; he supervised and directed engineers and designers in all the necessary activities under multiple programs, such as the pump station improvement (PSIP), general obligation bond (GOB), water use program (WUP), and consumer line relocation (CLR) to implement the Department's Capital Improvement Plan."

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	DESIGN BUILD 54-INCH ,48-INCH,36 -INCH AND 30-INCH GRAVITY SEWER INTERCEPTORS FOR PS NO. 0003	PROFESSIONAL SVCS	CONSTRUCTION
		2012 - 2014	2014 - 2016
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Installation of approx. 578 LF of 54-Inch and approx. 2030 LF of 48-Inch gravity sewer from prop. New location of Pump Station 8 (Regional Pump Station 3) at SW 3er Ave. and SW 11 th Street to SW 13 th St and Brickell Avenue along SW 11 th Street East to SW 2 nd Avenue., along SW 2 nd Ave South to SW 13 th Street, along SW 13 th Street East to Brickell Avenue. COST: \$23,991,833.00 SPECIFIC ROLE: Program Manager/Design Manager			
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROPOSED MASTER PUMP STATION NO. 3	PROFESSIONAL SVCS	CONSTRUCTION
		2013	2016
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
This new master pump station 3 will replace existing Pump Station 8 which serves the Brickell area south of S.E. 8th Street. COST: \$35,984,152.00 SPECIFIC ROLE: Program Manager/Design Manager			
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROPOSED 42 INCH WATER TRANSMISSION MAIN BETWEEN THE INTERSECTION OF BISCAYNE BLVD AND NW 5TH ST TO PORT OF MIAMI	PROFESSIONAL SVCS	CONSTRUCTION
		2015	2018
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Consultant will prepare construction documents for the installation of a 42-inch water transmission main, 2 (two) 36-inch horizontal directional drilling crossings of Biscayne Bay and 1(one) micro-tunnel installation to cross the railroad tracks. Included in the scope of work is permitting, participation in bidding and limited bid and engineering services during construction COST: \$15,000,000.00. SPECIFIC ROLE: Program Manager/Design Manager			
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	MASTER PUMP STATION NO. 2 UPGRADES	PROFESSIONAL SVCS	CONSTRUCTION
		2014	2016
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
The work consists of furnishing all materials, labor, equipment, with exception of the equipment specifically identified as Owner Furnished Equipment (OFE), necessary for the complete and successful installation and operation of a sixth pump and motor at the Miami-Dade Water and Sewer's existing Master Pump Station 2 located on 1075 Biscayne Boulevard in the City of Miami. COST: \$1,000,000.00. SPECIFIC ROLE: Program Manager/ Design Manager			
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROPOSED 36-INCH PCCP WATER TRANSMISSION MAIN ALONG SW 152ND ST FROM SW 112TH TO SW 137TH AVENUES	PROFESSIONAL SVCS	CONSTRUCTION
		2014	2015
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	15 YEARS EXPERIENCE	
Carlos Tijerino	Inspection Support	a. TOTAL	b. CURRENT FIRM
		15	2

15. FIRM NAME AND LOCATION (CITY AND STATE)

EXP U.S. Services Inc., Coral Gables, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Florida International University, Miami, FL Bachelor of Science - Civil Engineering	Envision Sustainability Professional (ENV SP) OSHA 30 Safety Training Temporary Traffic Control (TTC) - Advanced

18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATION, TRAINING, AWARDS, ETC.)

With 15 years of construction management and project delivery experience with civil engineering projects, Mr. Tijerino has developed progressively larger, more complex, and more diverse skills in managing large and complex projects involving various civil engineering disciplines. He has been a key contributor to project management teams overseeing constructability and estimate reviews, project delivery and CEI inspections, for civil engineering infrastructure and municipal capital improvement projects. Mr. Tijerino has completed projects in excess of \$900M. Mr. Tijerino's portfolio includes construction projects in water/wastewater, drainage, utilities, tunnel, roadway and public works services. His commitment is to successfully execute projects by incorporating a pragmatic approach to reduce risks and liabilities while not sacrificing quality, budget, integrity, and safety.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED	
Utility Analysis Zones (UAZ) 113A/113B, Broward County, FL		PROFESSIONAL SERVICES	CONSTRUCTION
		2016-2018	2018-2021
a. 3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
ROLE: Project Design Engineer SCOPE: The scope of work included the procurement, design, bidding assistance and construction services for water and sewer neighborhood improvements. The project area of UAZ 113A and 113B includes approximately 557 acres of land comprised of 957 single family homes, over 3,000 multi-family units, and 32 commercial properties.			
(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED	
District 1B1 & 3A High Service Pump Stations & Ground Storage Tanks, Broward County, FL		PROFESSIONAL SERVICES	CONSTRUCTION
		2019	2019-2021
b. 3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
ROLE: Resident Engineer SCOPE: The scope of work included construction services of paving, grading & drainage, structural, water and wastewater yard piping, sanitary lift station, electrical/instrumentation, 2.5 MG and 3.0 MG Ground Storage Tanks, and As-built coordination. The district 1B1 and 3A high services pump station and ground storage tank projects were part of Broward County programs of storage tanks, pumping stations and chemical feed systems that will be implemented in the next five years.			
(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED	
City Project #12389 18" Force Main Replacement – City of Fort Lauderdale		PROFESSIONAL SERVICES	CONSTRUCTION
		2018-2019	2020
c. 3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
ROLE: Field Engineer SCOPE: This project entailed 18" force main replacement across the North River from NE 9 th Street to North Birch Road via Horizontal Directional Drill (HDD) and trenchless pipe bursting.			
(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED	
Jeneda Isles Utility Improvement, City of Wilton Manor, FL		PROFESSIONAL SERVICES	CONSTRUCTION
		2021	2021
d. 3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
ROLE: Project Engineer SCOPE: The scope of the work included providing professional engineering services on the Jeneda Isles Utility Improvement Project. Mr. Tijerino provided site investigation, topographic survey, utility coordination, design services, regulatory permitting, bidding assistance, and limited construction administration for this project. The project included the demolition of the existing lift station and the installation of a new submersible lift station adjacent to the current location.			
(1) TITLE AND LOCATION (CITY AND STATE)		(2) YEAR COMPLETED	
Septic Tank Elimination Program (STEP), Broward County, FL		PROFESSIONAL SERVICES	CONSTRUCTION
		2016-2021	2016-2021
e. 3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
ROLE: Project Engineer SCOPE: The Project was divided into three areas located in the Hillsboro Pines Community along NW 74 th Place in Unincorporated Broward County. Entailed the construction of approximately twenty-three hundred feet of eight-inch gravity sanitary sewer main, twelfth maintenance access structures, and associated laterals and cleanouts on NW 49 th Lane and NW 75 th Court. The Project eliminated fifteen septic tanks from the existing single-family residential neighborhood.			

E. RESUMES OF KEY PERSONNEL FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14 YEARS EXPERIENCE	
Eduardo M. Luis	Inspection Support	a. TOTAL	b. CURRENT FIRM
		36+	<1
15. FIRM NAME AND LOCATION (City and State)			
EXP U.S. Services Inc.; Coral Gables, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
Bachelor of Science – Civil Engineering		Fundamental of Engineering Exam (F.E.)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Eduardo has over 36 years of experience in the design, construction, project management of water and wastewater projects. Eduardo worked for the Miami Dade and Sewer Department from May 5, 1986 to September 30, 2022. During that time, he has designed and managed thousands of miles of water and sewer pipelines and multiple pump stations. During his tenure he has served in the capacity of Engineer and project manager and has been responsible for directing the work of multiple design consultant firms in the design of numerous water and sewer infrastructure improvement projects under programs such as capital improvement, pump station improvement (PSIP), general obligation bond (GOB), water use program (WUP), and consumer line relocation (CLR)

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SVCS	CONSTRUCTION
a.	Gravity Sewer Interceptors for the Master Pump Station No. 3	2012 - 2014	2014 - 2016
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Installation of approx. 578 LF of 54-Inch and approx. 2030 LF of 48-Inch gravity sewer from prop. New location of Pump Station 8 (Regional Pump Station 3) at SW 3er Ave. and SW 11 th Street to SW 13 th St and Brickell Avenue along SW 11 th Street East to SW 2 nd Avenue., along SW 2 nd Ave South to SW 13 th Street, along SW 13 th Street East to Brickell Avenue. COST: \$23,991,833.00 SPECIFIC ROLE: Project Manager		
b.	PROPOSED MASTER PUMP STATION NO. 3	2013	2016
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm This new master pump station 3 will replace the existing Pump Station 8 which serves the Brickell area south of S.E. 8th Street. COST: \$35,984,152.00 SPECIFIC ROLE: Project Manager		
c.	PROPOSED 42 INCH WATER TRANSMISSION MAIN BETWEEN THE INTERSECTION OF BISCAYNE BLVD AND NW 5TH ST TO PORT OF MIAMI	2015	2018
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm The project includes preparation of construction documents for the installation of a 42-inch water transmission main, 2 (two) 36-inch horizontal directional drilling crossings of Biscayne Bay and 1(one) micro-tunnel installation to cross the railroad tracks. Included in the scope of work is permitting, participation in bidding and limited bid and engineering services during construction COST: \$15,000,000.00. SPECIFIC ROLE: Project Manager		
d.	MASTER PUMP STATION NO. 2 UPGRADES	2014	2016
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm The work consists of furnishing all materials, labor, equipment, with exception of the equipment specifically identified as Owner Furnished Equipment (OFE), necessary for the complete and successful installation and operation of a sixth pump and motor at the Miami-Dade Water and Sewer's existing Master Pump Station 2 located on 1075 Biscayne Boulevard in the City of Miami. COST: \$1,000,000.00. SPECIFIC ROLE: Project Manager		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Brenda S. Clark	Environmental Specialist	29	3

15. FIRM NAME AND LOCATION (City And State)

BSC Engineering, Inc Parkland, Florida

16. EDUCATION (Degree And Specialization)

Bachelor of Science in Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State And Discipline)

Professional Engineer, Florida / Civil

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

Brenda Clark, the president of BSC, has spent her entire career in South Florida and has assisted both the private sector and public sector in providing solutions to environmental problems. Brenda has experience in compliance monitoring, site assessments, and site remediation and is very familiar with the South Florida regulatory climate.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (<i>City and State</i>) Sun 1, Pompano Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
		2020	2023
	(3) BRIEF DESCRIPTION (<i>Brief Scope, Size, Cost, etc.</i>) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	Principal-in- Project Manager and Project Engineer for the design, permitting, construction administration and construction certification for the surface water management system at an industrial site.		
b.	(1) TITLE AND LOCATION (<i>City and State</i>) Coastal Twelve, Largo, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
		2022	2023
	(3) BRIEF DESCRIPTION (<i>Brief Scope, Size, Cost, etc.</i>) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	Program Project Manager and Project Engineer for the design, permitting, and construction certification of a leachate management system for a construction and demolition debris transfer station.		
c.	(1) TITLE AND LOCATION (<i>City and State</i>) Crystal Lagoon Pond Liner, North Miami, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
		2018	2018
	(3) BRIEF DESCRIPTION (<i>Brief Scope, Size, Cost, etc.</i>) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	Volusia County. Principal-in-Charge, Responsible for project team oversight and contractual matters associated with the design, construction documentation, and ongoing construction administration of the terminal renovation at Daytona Beach International Airport. Michael Baker provided design services for the terminal and concourse areas at the Daytona Beach International Airport. Michael Baker's services included design, project management, architectural engineering, signage, and preparation of construction documents. \$768,683 (Fee) \$11,000,000 (Construction)		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Francois Thomas, P.E.	Geotechnical/Materials Testing	30	2

15. FIRM NAME AND LOCATION (City and State)

Thomas Geotechnical Services, West Palm Beach, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

MS in Geotechnical Engineering, 1993; BS in Civil Engineering, 1991

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer, Florida No. 56381

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

Special Inspector 7021399, Certified Masonry Inspector, Radiation Safety Officer

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	George T. Lohmeyer Wastewater Treatment Plant Emergency Generator Connection and Switchgear Upgrades, City of Fort Lauderdale, Florida	N/A	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Thomas was the Principal Engineer of the Construction Materials Testing Services for the WWTP project. The project consisted of upgrades to the existing emergency generator connection and switchgear. Site work improvements included new sidewalks, ramp curbs, and guard posts. Services included laboratory testing, soils, and concrete sampling/testing, and reporting. Mr. Thomas provided review of daily reports, handles project coordination and attends meetings as necessary.		
b.	GT Lohmeyer WWTP Process Pipe Replacement Fort Lauderdale, Florida	2013	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Thomas was the Principal Engineer of the Geotechnical Engineering Study and Construction Material Testing Services for the pipe replacement within the GT Lohmeyer WWTP. The project included replacement of about 1,100 linear feet of pipe, to include 30 to 66-inch diameter pipes, averaging 10 feet deep. Site work improvements included new sidewalks, ramp curbs, and guard posts. Services included laboratory testing, soils, and concrete sampling/testing, and reporting. Mr. Thomas provided review of daily reports, handles project coordination and attends meetings as necessary.		
c.	Miramar Wastewater Reclamation Facility Expansion Miramar, Florida	2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Thomas was the Principal Engineer of the Geotechnical Engineering Study and Construction Materials Testing Services for the Miramar Wastewater Reclamation Facility Expansion project. The project consisted of a new Reuse Storage Tank, Chlorine Contact Basin, and Filters, and roadway improvements along Pembroke Road. Services included laboratory testing, soils, and concrete sampling/testing, and reporting. Mr. Thomas provided review of daily reports, handles project coordination and attends meetings as necessary.		
d.	Broward County WWTP 3B Facility Chlorination System, Broward County, Florida.	N/A	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Thomas was the Principal Engineer of the Construction Materials Testing Services for the Broward County WWTP 3B Facility Chlorination System project. The project includes backfill of miscellaneous structures. Services included laboratory testing, soils, and concrete sampling/testing, and reporting. Mr. Thomas provided review of daily reports, handles project coordination and attends meetings as necessary.		
e.	Miscellaneous Structures Backfill-WWTP, City of Sunrise, Florida	N/A	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Thomas was the Principal Engineer of the Construction Materials Testing Services for the WWTP project. The project includes backfill of miscellaneous structures. Services included laboratory testing, soils, and concrete sampling/testing, and reporting. Mr. Thomas provided review of daily reports, handles project coordination and attends meetings as necessary.		



4.2.5 APPROACH TO SCOPE OF WORK

4.2.5 APPROACH TO SCOPE OF WORK

The City will achieve a successful project that is delivered on-time and within budget with our proven approach to CEI projects. The Michael Baker Team has the experience, manpower, and institutional knowledge of the project site to deliver and provide optimal solutions on this important force main project.

PROJECT UNDERSTANDING

Michael Baker has an unmatched understanding of the City of Fort Lauderdale's facility plans for the George T. Lohmeyer Wastewater Treatment Plant Redundant Effluent Force Main Project. As City-contracted consultants currently performing CEI services, we understand the schedule, challenges, and intent of the Project. Our team has in-depth institutional knowledge of both the history and the present-day undertakings of the Consent Order, which include:

- Preventing the release of untreated wastewater from the collection system into surface and/or groundwater
- Provide system redundancy to handle heavy flows during wet weather events
- Minimizing and/or eliminating service interruptions for the City's residents and users

The City has made a long-term investment in time and money to prevent CSO contamination of the local area. Our primary goal as the CEI consultant is to help the City safely meet its schedule as determined in the current Consent Order. The City has issued an RFQ for Design Build Services for George T. Lohmeyer Wastewater Treatment Plant Effluent Force Main Replacement, being procured in parallel with this CEI proposal. Michael Baker has familiarized ourselves with the Design Build RFP, understands the constraints of the project site, and have established relationships with Hazen & Sawyer, who is performing the preliminary engineering for this Project. As your CEI consultant, Michael Baker will act on behalf of the City throughout delivery of this project, from pre-

construction through closeout, prioritizing safety, quality, schedule, and budget.



Michael Baker has assembled a team with City, national, and municipal wastewater facility and force main experience that is ready to meet the challenges of this project. Having served the City for several years, Michael Baker is extremely familiar with the challenges of this complex program as well as the City's priorities, requirements, and procedures, and maintains positive working relationships with City staff. Our team knows what it takes to successfully complete a project of this magnitude for the City of Fort Lauderdale.

Project Challenges and Solutions

Michael Baker's team of construction and engineering experts understand the project challenges and will apply their collective knowledge, skills, and experience to expedite progress, control costs, ensure quality, and minimize risk.



Our team of construction and engineering experts understand the project challenges and will apply their collective knowledge, skills, and experience to expedite progress, control costs, ensure quality, and minimize risk. We believe that the challenges and solutions presented below are all interrelated, and therefore, a plan must be developed to:

- Establish and implement policies and procedures consistent with contract documents, government regulations, industry best practices and standards, and City procedures
- Define individual roles and responsibilities for all CEI personnel
- Maintain clear and open lines of communication among all project stakeholders, including Port Everglades, utilities, and adjacent construction projects
- Develop protocols for a clear and responsive decision-making process with limits of responsibility and defined accountability
- Provide real-time and accurate reporting of key project performance indicators including cost, schedule, quality, environmental incidents, and safety
- Maintain single-source-of truth data and document management system through Procore, providing reliable access during project execution and beyond
- Provide guidance to CEI personnel on change management and claims avoidance
- Meet the City's operational needs and requirements during construction
- Create a safe and productive workplace

1

Michael Baker has identified the following project challenges:

SITE SAFETY ; ENVIRONMENTAL, HEALTH & SAFETY (EHS); AND SITE UTILIZATION

As City, County, and Port facilities, as well as local roadways will remain operational during construction, maintaining a safe work environment for all employees, contractors, and the general public will be critical. An effective and proactive EHS program must be in place and diligently executed by all participants and on-site CEI personnel. The primary objective of the safety program is to guide the CEI personnel in maintaining the safety of the CEI staff; assist City staff in evaluating contractor safety plans for maintaining the well-being of City personnel and the community; monitoring contractor compliance and reporting with federal, state and City safety regulations; monitor contractor compliance with their own approved EHS plans. Daily communication notifying the City and contractors of active work areas will allow all onsite personnel to perform their work safely. Limited site availability to contractors for staging areas, equipment, as well as access and egress is a concern to the City, contractors, the community and the CEI team. Site utilization will be tightly organized and controlled by the CEI in accordance with contract allowances. Michael Baker will work with the City and the contractor to maintain a safe, orderly worksite.

2

SCHEDULE CONTROL & CONSENT ORDER REQUIREMENTS

Meeting or exceeding the schedule is critical to meeting Consent Order milestones. Utilizing work breakdown structures and regular communications, including regular look-ahead schedule reviews, to manage contractor and CEI resources provides an organized, logical manner to best utilize the site and minimize site constraint issues. We will perform regular reviews of the contractor's schedule for work to keep the project on track and meet Consent Order milestones, guided by our experience performing CEI for the City, where we understand expectations and priorities.

3

STAKEHOLDER COORDINATION

We know that extensive coordination and communication will be required with the community as well as project stakeholders, including maintaining the City's and County's daily operations. Our communication plan for stakeholders (Port Everglades, EPA, FDOT, Utilities, Property Owners, etc.), existing relationships with stakeholder staff, and understanding of expectations and processes will foster project consensus and momentum. We will act as the City's advocate in the field to coordinate activities and communication between stakeholders. We understand the importance of coordinating between planned and ongoing local initiatives, and maintaining the City's and County's access to their facilities throughout construction. Our goal is to minimize plant and wellfield operational disruptions.

4

CEI SCOPE OF SERVICES

The CEI Scope of Services for this contract includes CEI for the Project, to include Pre-Construction, Construction, through Closeout and Post Construction. It is critical that all project team members, including City, CEI, DBF Contractor, provide staff who can 'think on their feet' with an eye to preventing disputes, claims, and delays, and are

familiar with solving challenges that arise during construction such as previously unidentified obstructions, handling of regulated materials all with a focus on environmental and site safety.

COMMUNITY CONCERNS

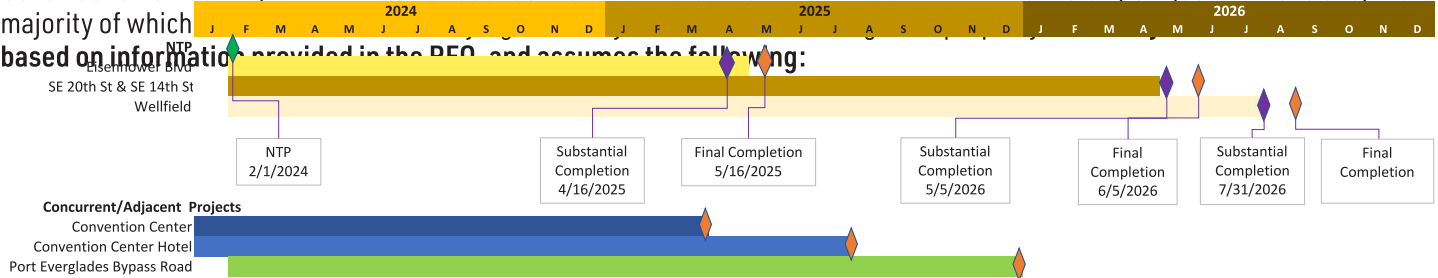
The Fort Lauderdale community deserves a healthy environment to work, play, and raise their families. During construction of the Project, potential community impacts include an increase in heavy truck traffic, parking issues, new pedestrian and vehicle traffic patterns, noise, vibration, and excavation/transport of regulated materials. As CEI, we will work closely with the City and the DBF to ensure they are following their public involvement plan, with

the priority to **be a good neighbor and provide advance notice of activities and prevent a negative perception and ensure construction does not inconvenience local residents and businesses.**

APPROACH TO DELIVER CM SCOPE OF SERVICES

Construction of the Project will install a redundant effluent force main from the GTL WWTP to the City's Injection Wells site, the majority of which

based on information provided in the RFQ and assumes the following:



Due to the complexities of multiple, concurrent activities underway at any given time, we address the following in our Project Approach:

Project Schedule

For purposes of this proposal, we based our project approach and project loading analysis on the above schedule as provided in the RFQ and our team's understanding of the approach to construct the Project. The above schedule demonstrates the approximate task duration for each scope of work item. Construction and closeout milestones and deliverables will follow the contractors' activities as provided in their approved schedule.

Milestones

During the construction phase our project tasks include deliverables such as key project meetings, progress reports, project schedules, change order estimate evaluations, as defined in below and in our CEI Scope of Services. Final deliverables and milestone dates will be met for individual activities based on approved project schedules.

Design & Construction Phase: Feb 1, 2024 – Jul 31, 2026
(30 months)

Schedule Management > eliminates impacts to schedule

Milestone	Complete By
Assumed NTP	February 1, 2024
Substantial Completion of Project	
Eisenhower Boulevard	April 16, 2025
SE 20th Street & SE 14th Avenue	May 5, 2026
Wellfield	July 31, 2026
Final Completion of Project	
Eisenhower Boulevard	May 16, 2025
SE 20th Street & SE 14th Avenue	June 5, 2026
Wellfield	August 30, 2026



KEY TO SUCCESS: Drive the Schedule

We will hold weekly progress meetings to review the 2-week look-ahead as well as monthly schedule reviews with the DBF. In addition, we will meet to deep dive on specific issues to resolve schedule slippage and present delay and alternative schedule analysis to the City.



KEY TO SUCCESS: Submittal Management

Critical during CEI mobilization, we will develop a submittal log, review/ approval process, reconciliation with the project schedule, and weekly submittal status meeting.



SCHEDULE MANAGEMENT

The City will receive timely communication, attention to detail, and rapid issue resolution to keep this project on schedule and on budget. We will incorporate early coordination with the DBF to set the stage for ongoing discussions related to project schedule and progress milestones to eliminate impacts to the schedule. Michael Baker understands the significance of early work items, including property acquisition and access, permitting and approvals, and contractor compliance with approved work plans. We will meet schedule milestones and budget by closely monitoring the schedule, expediting critical submittal reviews, and maintaining constant open communication with the City and the DBF.

PROJECT APPROACH

Staff Mobilization and Deployment

Our intent is to mobilize at the start of construction a core group of field staff who will remain consistent across the 24+ month duration. Every effort will be made to utilize this core group of field staff consistently in their areas of expertise and supplement inspection efforts as-needed to meet capacity demands during peak periods. Our priorities will be based on the City's priorities, maximizing and building efficiencies to ensure field staff are covering their areas of technical expertise at the highest level. Our construction inspection staff is trained and certified with City, FDOT, and OSHA qualifications.

Staff will be deployed throughout the project on an as-needed, when-needed basis, with every effort to maintain consistency of staff throughout all activities. Inspectors and Technical Resources staff will be engaged intermittently throughout the project. Pre-Construction resources will be managed by Project Manager Wil Wright and accessed on an as-needed basis, to cover activities of the DBF, as well as any DBF-procurement activities, should they be required. Construction and closeout phase staff will be mobilized when needed to cover DBF activities.

Our team is organized logically to cover activities on Eisenhower Boulevard, SE 20th Street & SE 14th Street, and the Wellfield site as shown in the following figure.



Eisenhower Boulevard, SE 20th Street & SE 14th Street, and Wellfield Sites

PM and Deputy PM commence at NTP to lead administrative mobilization, assign all staff to their corresponding job tasks. This core group will manage the Administrative Mobilization outlined below.

Administrative Mobilization (Pre-Construction Phase):

- Develop/implement all Plans, including PMP, PSQMP, etc.
- Electronic Document Management System/Project Management Information System (PMIS)
- Coordination of:
 - Schedule submittals, reviews
 - Submittals
 - Permits/compliance tracking
 - Review/approval process
 - Meetings and report schedules
 - Stakeholder communications

All CEI activities, including mobilization of Pre-Construction and Construction staff will follow the DBF's approved schedule for design & construction.

CEI will transition to Construction phase PM who will lead mobilization, assign all field and project controls staff to their corresponding job tasks. This group will manage Construction phase activities, including but not limited to the following.

Field Mobilization (Construction Phase):

- Mobilize and equip/prepare inspection staff
- Perform construction inspection and materials testing (as needed)
 - Civil construction
 - Open cut and jack-and-bore/microtunneling
 - Special inspections
 - Connections at the plant and wellfield
- Coordination of:
 - Construction schedule
 - Stakeholder communications, including utilities, FDOT, Broward County, and all concurrent adjacent construction projects
 - Field access and site housekeeping, including work locations, staging, and storage areas
 - Meetings, logs, submittals, RFIs, as-builts, etc.
 - Pay applications, change orders, claims mitigation, dispute resolution
 - Permits, certifications, and approvals for construction and occupancy
 - Project data and documentation

Critical Issues & Risks

The Risk Management component of our PMP is driven by our lessons learned, with input from all operational elements. Our risk management plan is continually adjusted and updated to align with the current state of the mission and is designed to reduce the impact of programmatic uncertainties to acceptable and manageable levels.

Our team will use risk registers to facilitate risk management and advocate its effective use in making important technical decisions that manage risk while considering budget realities. A risk register will be used as the tool to identify risks, the probability and severity of occurrence, and the proper means and costs for mitigating that risk. Every team member will be tasked with bringing perceived risks, and opportunities, to the attention of the PM for consideration.

Major Risk Categories: Given the complex nature of this project, we understand that each activity's risk can have a systemic impact to other onsite activities, adversely affecting them and the entire Consent Order program. Our risk management approach will analyze each activity's risk and how it may affect the safety, quality, schedule, and budget of the project, City operations, the Fort Lauderdale community, Consent Order program requirements, interacting activities/projects on and offsite, and relationships between contractors, the City, and key stakeholders. The following categories represent the areas that may be impacted by issues and challenges faced during construction of the project:



Michael Baker, through our understanding of the project and our work on other projects for the City, has identified the following critical construction phase activities that potentially have risks that could negatively impact the construction schedule, cost, and community.

1. Site Safety and Housekeeping

- When:** Preconstruction, Construction, Closeout
- Potential Risk:** EH&S, Quality, Schedule, Budget, Communication & Community
- Goal:** Zero accidents or bodily harm, no impacts to the environment.

Issues: Civil construction and excavation with potentially regulated materials and general site clearing can be dangerous, dirty work, with potential hazards everywhere, including impact on the general public. The site is a constrained area, with limited ingress, egress, and access into the area; work will be occurring among other construction projects. Portions of the site must maintain City operations during construction.

Potential Solutions & Mitigating Strategies:

- Continuous housekeeping, site security, and a thorough review of job hazard analysis prior to beginning work
- Use Stop Work Orders when conditions warrant
- Routine/daily inspections, closely monitoring site and contractor operations
- Require pre-operations meetings to communicate work plans and ensure all activities are approved and staffed appropriately
- Engage an Inspector with qualifications and experience in abatement of regulated materials during those activities
- Plan assessment/adhere to sequence before moving forward with work
- Set expectations for site safety prior to visitors entering the jobsite, including providing PPE, requiring escorts, and advance communications
- Monitor and document DBF is performing in compliance with the project safety plans
- Establishment of disaster/emergency management & remediation plans
- Compliance with Local, State, and Federal Regulations

Lesson Learned: The Michael Baker team at a NYCDEP project issued two Stop Work Orders during construction. The first when the contractor failed to adhere to its approved demolition plan and failed to advise owner and CM of proposed changes before proceeding. While it did not negatively impact the contractor's schedule, the contractor created a major safety risk that could have been prevented through better communication and coordination with the CM and DEP. The second when hazardous materials were identified during excavation of an underground storage tank. This was an unforeseen hazard that had the potential to cause environmental harm. Michael Baker worked with DEP and the contractor to mitigate the situation and prevent any additional site contamination.

2. Construction Schedule Management

When: Pre-construction, Construction, Closeout

Potential Risk: EH&S, Quality, Schedule, Budget, Communication & Community

Goal: Start design and construction at NTP (Feb 1, 2024); with construction substantially complete on or about July 31, 2026.

Issues: The City is under EPA consent order milestones. Any delays to schedule could put consent order milestones at risk.

Potential Solutions & Mitigating Strategies:

- Regular meetings to review and discuss two-week look-ahead schedules; proactively manage this process to include more frequent meetings as required
- Establish list of major risks and each party's contractual responsibility
- Communicate time-savings ideas with project team, including contractor and the City
- Coordinate with the City to identify/understand their operations schedule and potential worksite constraints
- Establish a proactive approach to monitor and follow up on each of the risks that affect project start-up
- During progress meetings bring light to these issues and how each impacts schedule. Perform Time Impact Analysis (TIA) to clearly illustrate to all parties how it affects schedule.
- Work with the project team to determine other tasks to keep contractor working during these potential delays. Be proactive in reporting communications with the contractor to adjust/change focus to activities where the affected properties would not be involved/impacted.
- Transparent discussions with all stakeholders throughout the course of the project will provide a quick response and avoid negative schedule impacts.

Lesson Learned: The early coordination and communication we establish with the contractor sets the stage for ongoing discussions related to project schedule and progress milestones. We will request a short duration schedule to be provided and discussed at each progress meeting. This information will keep potential project roadblocks in the forefront and allow mitigation efforts to be discussed immediately. As an added value to this project, our team will have an experienced P6 scheduler at their disposal at a moment's notice to identify flaws with the construction schedule that can be remedied at the onset of the project without major impacts.

3. Maintaining City Operations

When: Construction

Potential Risk: EH&S, Quality, Schedule, Budget, Communication & Community

Goal: Maintain safe access for the City into their facilities

Issues: The City must have uninterrupted access to their facilities throughout construction. GTL Plant operations must continue uninterrupted

Potential Solutions & Mitigating Strategies:

- Coordinate with the City to identify/understand operations schedule and potential worksite constraints
- Contractor staging and sequencing plans must be coordinated with City operations so to not impact access to their facilities.
- Development, approval, and implementation of Maintenance of Plant Operations Plan (MOP)

Lesson Learned: Remain attentive and vigilant on the project site. Demolition and construction plans and any adjustments must be communicated with the City. Plan review and Engineer approval is required before allowing the DBF to proceed. While the DBF might find a way to reduce time through shortcuts, all proper procedures must be followed prior to commencing work.

4. Coordinating with Concurrent Adjacent Construction Projects

When: Construction

Potential Risk: EH&S, Quality, Schedule, Budget, Communication & Community

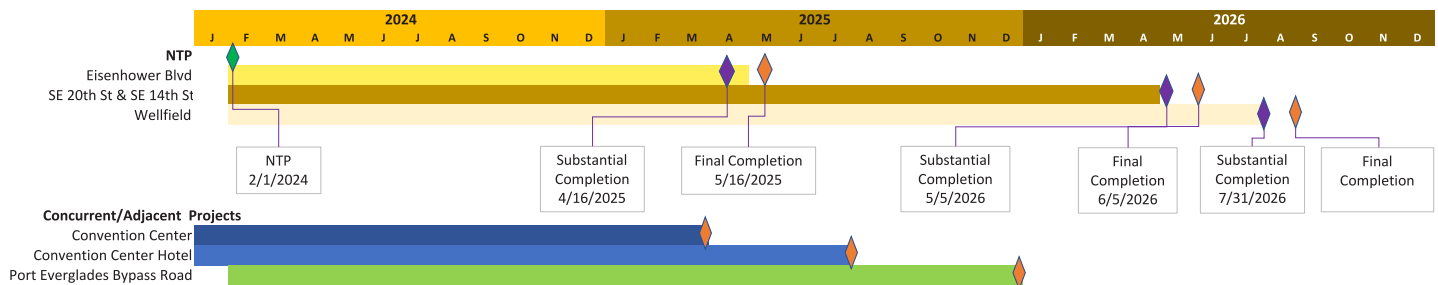
Goal: Maintain safe access for the City, contractors, consultants, and the traveling public

Issues: Construction schedules, staging areas, access points, and MOT must all be coordinated to achieve schedule, quality, and safety of all projects

Potential Solutions & Mitigating Strategies:

- Coordinate with the City and County to identify/understand planned activities and overlaps to schedules that may impact traffic, site access, and construction activities
- Contractor staging and sequencing plans must be coordinated with other projects so to not impact access to their facilities.
- Future planned construction activities, including roadway and railway projects should be coordinated to prevent rework or conflicts with planned foundation elements, paving projects, etc.

Lesson Learned: Development of a robust communication and coordination plan to engage stakeholders, including utilities, the City, County, FDOT, etc. will ensure conflicts are avoided, preventing potential rework and incidents.



OTHER LESSONS LEARNED AND SUCCESS STORIES

Preconstruction and Mobilization. Michael Baker can facilitate the project startup process prior to contractor NTP and mobilization. Our management team understands the process of negotiation and mobilizing a CEI contract including finalizing our City cost estimate. In addition, we fully understand the requirements of each CEI team position and are committed to providing the best staff for each position. Our best practices include, at NTP identify any issues before construction begins from a CEI perspective – the administrative requirements of the project can be extensive. EH&S plan needs approval prior to anyone being on site. We will not lose time due to administrative hurdles. We understand the process and requirement that all approvals must be in place, including subconsultant agreements.

Coordination with Other Projects. There are multiple ongoing and planned construction projects by others in the vicinity that will impact this Project. By coordinating with those project stakeholders and establishing expectations and communications protocols, the City can be assured all projects can be under construction simultaneously managed by their respective CEIs.

Stakeholder Coordination. This program has numerous moving parts and project stakeholders, including design engineers, utilities, property owners, environmental and public/city agencies, and the general public. Project success can also be measured as a factor of public perception. As CEI, we will work with the City and the DBF to develop messaging, communication plans, reporting, and presentations to communicate project status. We maintain long-standing working relationships with many project stakeholders, including:

- City of Fort Lauderdale
- Port Everglades
- FDOT
- Broward County
- Local Community Boards
- US Army Corps of Engineers
- US Coast Guard
- US Fish and Wildlife Service
- US Environmental Protection Agency

Permit Management. A significant number of Permits are required for the work. The permit process that was begun during Preliminary Design must now transition to Construction and stay up-to-date. As CEI, our goals for permit and regulatory compliance include:

- Smooth transition from design through construction, which will detail all the permits identified by the design engineer
- Coordination and communication with City of Fort Lauderdale and DSD
- Disciplined management of permit tracking and compliance
- Robust, proactive Management Plan to obtain permits well in advance of the work to prevent potential project delays

To successfully deliver construction management services anticipated under this contract, we will give the City an approach that mitigates risk and prioritizes:

Environmental Health & Safety (EHS) and Housekeeping > improving quality of life

Environmental health and safety is more than just a commitment, it's a way of life. Our staff will work in conjunction with the DBF and their subcontractors to keep safety at the forefront of all construction activities and foster a "EHS Shared Mission" culture throughout the project site with routine daily inspections. Protecting the jobsite and personnel in an operating environment and creating a safe environment for the surrounding community – our proven safety approach has successfully supported the delivery projects of similar scope and size without a lost workday. Foreseeing issues before they arise, **preventing accidents and harm to the environment, community, and jobsite are the team's #1 priority.**

Schedule Management > eliminates impacts to schedule

The City will receive timely communication, attention to detail, and rapid issue resolution to keep this project on schedule and on budget. We will incorporate early coordination with the DBF to set the stage for ongoing discussions related to project schedule and progress milestones to eliminate impacts to the schedule. Michael Baker understands the significance of early work items, including property acquisition and access, permitting and approvals, and contractor compliance with approved work plans, as well as coordination with concurrent construction projects. **Motivated by consent order milestones, we will meet goals and budget by closely monitoring the schedule, expediting critical submittal reviews, and maintaining constant open communication with the City and the DBF.**

Understanding City Expectations > efficient staffing, mobilization, and project quality

Delivering quality projects to the City for several years means we have developed an understanding of your specific requirements and expectations, and created a quality program resulting in efficient staffing and mobilization. Tasks will be initiated effectively with our team's significant local experience in the Fort Lauderdale community, resulting in meeting the City's schedule and goals. Michael Baker, along with our subconsultants are **already mobilized** on and near the project site, with CEI Plans already written, which eliminates transition periods to mobilize. There is no **ramp-up time.**

PRE-CONSTRUCTION PHASE SERVICES

The City can be assured that our CEI organization has an intrinsic understanding of City procedures, standards, expectations, and priorities.

The Project Management Plan (PMP) will be developed in conjunction with the City and serve as the roadmap for executing the project. The PMP will clearly define the project task objectives and the activities, methodologies, reviews, and deliverables associated with each task. A kickoff meeting will be held with City staff to set project direction and discuss the PMP's critical components. Initial meetings will also be held with key City staff to understand their vision of the Project.

As part of our PMP, our staff will collaborate on concurrently updating throughout the course of the contract the CMQMP, and CM EHASP. They will be stored on the selected PMIS and available to CEI staff via their laptops and handheld devices for reference. Our PM will review these plans with the staff.

Engaging a CEI in the pre-construction phase of a project works toward ensuring a design product that is safely constructible, addresses potential conflicts, and provides input early in the process from a construction perspective, with the following primary objectives:

- Act as advocate for the City during pre-construction to assure projects can be safely constructed on-time and within budget
- Assure a project of the highest-quality is safely constructed on-time and within budget
- Provide input from a construction perspective on constructability, sequencing, and staging of projects
- Offer technical expertise for cost savings through constructive value engineering (VE) and facilitation
- Validate construction costs
- Monitor and document CEI activities for compliance with contract documents, City procedures, protocols, and SOPs
- Perform regular review of project activities through surveillance and audit to verify controls and required records are maintained in the PMIS
- Continually improve the our processes in order to deliver the project on time and on budget

During preconstruction activities, our PM, Wil Wright, will lead a team of technical experts with experience in both design and construction of specialized force main elements, including civil construction, underground construction, and current City systems and procedures. These experts will provide critical feedback during constructability reviews and value engineering, if required. Wil will coordinate with the City to enhance our understanding of the program and to provide input on the DBF's proposal.

Our technical experts will be available for consultation when there are questions regarding a constructability issue or process performance of the design. Review comments, reports, and recommendations will be compiled in electronic format and posted on e-Builder for access, review, and comment. Michael Baker will be responsible for verifying that all contractors are in compliance with QC contract requirements and that QC testing is performed and documented correctly. Our team understands that we may be responsible for arranging independent QC testing to verify contractor QC results.

DELIVERABLES



- Project Management Plan
- CEI/Contractor Responsibility Matrix
- Risk Management Plan
- CM EHS Management Plan
- Quality Management Plan (CMQMP)
- Close-Out Plan
- Environmental Health and Safety Plan (EHASP)

KEY STAFF



- PM, Deputy PM, Scheduler, Estimator
- Project Controls
- Technical Resources (as-needed)

OBJECTIVES



- Early establishment of consistent processes, protocols, manuals, and project controls
- Ensure all project staff have read, have access to all manuals and plans are properly trained in their use
- Review and comment on design products
- Provide constructability reviews
- Develop a Construction Sequencing Plan to identify the impacts to site, procurement requirements, and operations
- Provide a plan to address construction staging areas (delivery and storage of equipment and materials)
- Provide effective coordination with the City regarding anticipated outages, minimizing impacts to operations

CONSTRUCTION PHASE SERVICES

The City can be assured that our organization is built with sufficient depth to respond to multiple construction and field activities quickly and cover highly specialized construction inspection tasks with staff who are knowledgeable about the project site and its challenges.

Construction phase activities are executed with the goal of ensuring a product safely built of the utmost quality. DBF activities are governed by their Quality Management Plan (QMP), part of the contractors' plan for executing the work. CEI activities are governed by our Project Specific Quality Management Plan (PSQMP), part of our PMP, with the following primary objectives:

- Act as advocate for the City during construction
- Assure projects of the highest-quality are safely constructed on-time and within budget
- Monitor and document construction activities for compliance with contract documents
- Ensure plant operations and safety are not impacted

The Michael Baker team consists of inspectors with experience in the construction and post-construction phases. Inspectors will be mobilized as the type and level of construction warrants and as deemed necessary by the PM. In addition to observing and documenting the work, they will assist the project controls team in change order evaluation and claims avoidance, schedule updating, and issue identification and resolution. They will work closely with the City, DBF, and manufacturer representatives during testing, startup and commissioning; contract closeout; as-built documentation verification; asset management data collection; and safety monitoring.

Staff On-Boarding Process

Michael Baker's on-boarding process for field staff will follow simple steps. After a detailed technical review of project information and development of a project approach, Michael Baker will determine the level of staff required for the project. Michael Baker's PM will coordinate activities with the City PM. Our organization is built with sufficient redundancy to respond to multiple construction contracts and field activities quickly; our team is built to cover concurrent construction activities simultaneously. The on-boarding process is critical in providing exceptional inspection services to the City and is focused on the following elements:

Scheduling: Thorough understanding of the City construction contract documents and project schedules will allow us to develop a schedule for staffing each construction segment. Considering there may be multiple, concurrent activities under construction at any given time, Michael Baker will develop a staffing schedule to mobilize the best staff to the most applicable project/activity throughout the lifetime of the contract. Michael Baker will obtain City approval for inspection staff.

Safety: Safety of Michael Baker staff, all onsite personnel, and the general public is our priority. All Michael Baker staff and all team member firms will be trained and certified in all City and OSHA applicable safety requirements.

Technical Responsibility: Michael Baker will prepare all inspection staff to mobilize to project sites. Prior to arriving at the site, all staff will have a full understanding of their project responsibilities and the technical issues relevant to the project. They will be equipped with necessary equipment

DELIVERABLES



- Monthly status reports related to Consent Order milestones
- Payment Book and all records of Contractor Invoices
- CEI Detailed Bid Breakdown
- Regulatory Compliance Plan for Construction
- Populate newly identified permits in the PMIS based on DBF collaboration
- Monthly Permit Process updates
- Management of documents, submittals, and correspondence
- Regulatory Compliance Plan for Construction
- Permit entry and tracking based on DBF collaboration
- Payment Book and Contractor Invoices
- Review, approval of contractor bid and
- Materials for public Stakeholders meetings
- EHS and inspectors daily reports
- Monthly schedule analysis reports
- Prepare field condition change orders and negotiations on all CO's

KEY STAFF



- PM, DPM, Project Controls, Inspectors
- Inspector Bench & Special Inspection Bench
- Project Controls
- Compliance Experts (as-needed)
- Technical Resources (as-needed)

and software, and will be fully knowledgeable of City standards, specifications, and priorities. Sets of contract document will be provided for advanced review and understanding.

Performance Monitoring/Evaluation: Michael Baker will continually monitor our staff's performance and provide technical evaluation. Correspondingly, contact will be made with the assigned City representatives at agreed upon intervals to review the staff performance and verify their conformance with desired levels of quality. This process will ensure all staff are meeting performance goals. Positive and responsive actions will be implemented to address any issues raised.

Staffing: Michael Baker will monitor the project schedules to determine appropriate staffing levels. Michael Baker will also have access to a qualified staff pool to provide redundancy should supplemental and/or replacement staff be required.

Inspection Team Duties

Working as an extension of City staff, Michael Baker will confirm that the DBF is performing work in compliance with all contract requirements as well as their MOPOs. Inspectors will verify that specified materials are incorporated into the project; ensure required testing is being performed; ensure proper documentation is being maintained, including tracking of submittals and preparation of correspondence, photo/video documentation; review contractor progress payments and change orders; coordinate with local agencies; verify maintenance of traffic is in accordance with the contract documents; review and analyze construction schedules; compile and verify punch list items; perform final inspection and project closeout tasks; and prepare written recommendations for Certificates of Substantial Completion.



KEY TO SUCCESS: REAL-TIME DATA ENTRY

We will hold weekly progress meetings to review the 2-week look-ahead as well as monthly schedule reviews with the DBF. In addition, we will meet to deep dive on specific issues to resolve schedule slippage and present delay and alternative schedule analysis to the City.

Safety: Inspectors will adhere to all applicable Federal, City, and OSHA regulations, in addition to Michael Baker internal safety program. We will ensure DBF adheres to their own approved safety program and will immediately report any project safety deviations to the contractor for prompt correction. Failure to provide immediate correction will initiate emergency safety procedures as agreed upon with City prior to the start of work. We will provide proper Personal Protective Equipment (PPE) to our inspectors. This includes hardhats, safety vests, eye and ear protection, respirators, harnesses, and lanyards. Our inspectors will participate in weekly toolbox safety meetings. The Michael Baker team will prepare Environmental, Health, and Safety (EHS) Plans for the project and all staff is required to review and follow these plans.

Change Management: Invariably, additions and changes to contract design are encountered during construction. Changed conditions may be claimed by the contractor. Michael Baker's construction professionals will knowledgeable in City change order process to review and validate the need for a contract change, advise the City on the course of action to take, and determine a reasonable cost for the work, negotiate the change order, document the negotiations and finalize the change order. Michael Baker's Scheduler and Estimator will evaluate contract time and cost implications related to the proposed change. Change order tracking can be managed through PMIS cost modules. Inspectors will validate that the change order work has been performed in the field and incorporated into the PMIS and the CEI record documents.



OBJECTIVES

- Monitor progress and quality of work
- Complete daily logs of construction activities
- Photo/video documentation of work
- Issue notices of non-conformance
- Stakeholder coordination with Port Everglades, EPA, FDOT, utilities, and others
- Traffic control and site utilization
- Maintain safe operating environment
- Community notification network of correspondence, meetings, complaints, etc
- Track/report construction waste disposal and recycling, soil reuse, water usage, and energy usage by the contractor



MEETINGS

- Weekly meetings with DBF to review site safety status, progress completed against baseline in past week, schedule look ahead, status of action items, and ensure coordination of current and upcoming activities.
- Daily morning meetings with the DBF to review planned daily work activities, issues and risks.
- Partnering meetings
- Public Stakeholder meetings
- Submittal log reconciliation meeting with DBF
- Weekly EHS meetings
- EHS training and tool box talks
- Monthly schedule update meeting



KEY TO SUCCESS: Establish and Enforce a Culture of Safety

Safety is a non-negotiable – it is everyone's responsibility, with the end goal of zero accidents and no environmental harm. The CEI leads by example.

Quality Assurance: Our team's primary role on this project is to assure quality of the work. In addition to our proven approach to CEI, we will have measures in place to assure the quality of our construction management activities, all based on our PSQMP.

Inspection Team Mobilization

Since construction on various sections will occur simultaneously, clear understanding of the construction phasing plan is required to ensure the inspector pool is able to cover peak construction periods. Michael Baker will work with the City to review CPM schedules and adjust the CEI staffing plan as required. Due to the dynamic nature of a program of this size and complexity, Michael Baker will evaluate the inspection staffing requirements concurrent with DBF schedule updates, or when contractors propose significant schedule changes.

When construction activity reaches a level when efficient, effective, and economical utilization of our inspectors is required on a daily basis for more than one section, our Lead Inspector will:

- Meet with inspectors daily to assign ongoing work in need of observation
- Ensure that daily reports are complete and consistent with project requirements
- Perform final sign-off on all daily reports
- Review contract requirements for quality with inspection staff
- Coordinate onsite presence with Special Inspectors

Primary Inspection Team: The Michael Baker team will ramp up by mobilizing the PM and DPM to coordinate inspectors to monitor critical concurrent work activities. Additional inspectors will be mobilized to address concurrent and/or specialized activities, including mechanical. This first group of inspectors make up our primary inspection team and it is anticipated that some will be on the project consistently over the duration of the program, across projects as they come online, with every effort to utilize staff effectively, efficiently and economically across the 10-year program.

Inspector Pool: As shown in our organization chart, we have identified areas that will require specialized experience and inspectors. The Michael Baker team has access to more than 100 firmwide inspectors, with experience in paving, concrete, structural elements, buildings, utilities, and excavations. Specialized inspection staff will mobilize to the project site on an as-needed, when-needed basis. The resources shown in our organization chart represent a snapshot of our qualified available inspection staff. No other team can claim access to the number of qualified local inspection resources.

QA/QC; Materials Sampling & Testing: Michael Baker will be responsible for verifying that all contractors are in compliance with QC contract requirements and that QC testing is performed and documented correctly. Michael Baker understands that we may be responsible for arranging independent QC testing to verify contractor QC results, and has added Thomas Geotechnical Services to provide materials sampling, testing, and laboratory services as needed.



Michael Baker will require project team members and visitors to be properly equipped with safety equipment and apparel at all times while engaged in field activities.

CLOSEOUT PHASE SERVICES

The City can be guaranteed that our team of experts will bring them to the finish line within schedule and within compliance of all regulatory agencies.

We will begin the tracking process of turnover until all activities have been completed for final pay applications. This jump start prevents this important process from being left until the end of the project and early identification of closeout documents prevent disagreements in their scope, scheduled timing of submission and avoidance of delays in their delivery.

Closeout Administration

Taking a proactive approach to closeout by discussing it when the project actually begins in the field make it less likely that critical items will be missed along the way. By starting with the end in mind, the project team will be compiling required documents throughout the course of the contract as opposed to the end.

Michael Baker is confident that previous Lessons Learned by our proposed CEI Team Members will be effectively implemented on a daily basis.

As-Built Drawings: As per specified Construction Contract requirements the Construction Contractor will be required to provide a complete and accurate set of as-built drawings. We will work to deliver as-builts as an ongoing process throughout project execution.



KEY TO SUCCESS: Start with the End in Mind... Begin Closeout Activities During Construction

The team will provide a CEI Closeout Plan by the 20% completion mark and will begin identification, tracking and verification of all closeout documents and deliverables moving forward.

The City can be guaranteed that our team of experts will bring them to the finish line within schedule and within compliance of all regulatory agencies.

Spare Parts, O&M Manuals, and Warranties: The Contractor shall provide all required spare parts.

Operational and Maintenance (O&M) Manuals: As specified, the Contractor shall provide all required O&M Manuals.

Warranties and Guarantees: Per specified Construction Contract requirements the Construction Contractor shall provide all required Warranties and Guarantees.

Permits: Confirm all Permits, backup documentation, and tracking data are accessible and transitioned to NYCDEP Operations.

Lessons Learned: We will submit an After-Action Report with Lessons-Learned for both Construction and Close-Out phase services so both our CM team and the City can benefit for future construction projects.

DELIVERABLES



- Review and approval of Change Order payments
- Payment Book and all records of Contractor Invoices
- Daily inspection and EHS reports input into the PMIS
- Endorsed completed punch list and Change Order work
- Final Evaluations of subcontractors and contractors
- Close out of all project permits
- Final inspection and abatement records
- Spare parts inventory log
- Training/testing records
- Operational and Maintenance Manuals
- M/WBE compliance report
- Substantial and Final payment
- Lessons learned documentation
- Close-Out Plan
- Final Delay Analysis
- Final Extension of Time Report
- Support for resolution of claims and disputed work

KEY STAFF



- PM, DPM
- Inspector Bench & Special Inspection Bench (as-needed)
- Project Controls (as-needed)
- Technical Resources (as-needed)
- Compliance Experts (as-needed)
- Technical Resources (as-needed)

OBJECTIVES



- Supervise and coordinate construction contractors
- Plan, witness, and verify acceptance and performance testing
- Ensure equipment and systems are operational
- Perform physical checkout and acceptance
- Verify O&M manuals
- Accept spare parts, warranties/guarantees
- Plan, witness, and verify acceptance and performance testing

Resolution of Claims and Disputed Work

Michael Baker's process for managing potential and experienced delay claims and associated risk involves working with the DBF's scheduling professional, CEI Scheduler and PM to ensure the project baseline schedule is in compliance with Contract requirements (both time of performance and schedule characteristics), as well as industry best practice and standard of care, and that the baseline is approved as the basis for subsequent updates. It will be important to include key Hold points in the schedule for property turnovers, acquisitions, follow-on contracts, and consent orders.

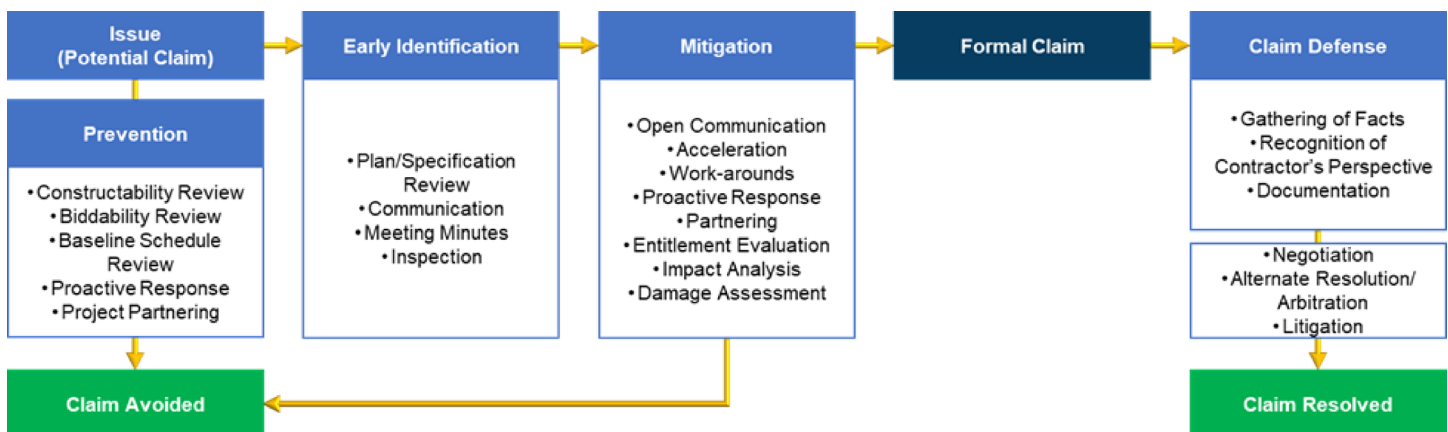
The CM team will be proactive in identifying schedule risk/challenges during the review of the project CPM baseline schedule.

- Initial risk assessment and management plan reporting with specific focus on potential threats to time of performance and cost. This report is issued at project outset but prior to commencement.
- Typical monthly reporting will cover nature, magnitude, and status of existing claims including those previously submitted and those newly identified, tracking of Contract time for claims submission and response, forecast for resolution – time and dollars, trending, status of remaining identified risk to schedule performance and contingency.
- Claim specific reporting will include initial review and analysis of a submitted claim. Further reporting in relation to a specific claim will be as needed Expert reporting will be provided as required for mediation, arbitration or review board presentation as a claim moves to that phase.



COST SAVINGS IDEA: Proactive Dispute and Claims Mitigation

Our CEI staff will be guided by a written protocol on disputes and claims avoidance and mitigation. This document, available on the team's handheld devices, will provide easy access to contract document references and guidance on common types of issues that arise in the field. It will assist in mitigating issues with the contractor before becoming written disputes and claims, continuing our team's record of no unresolved disputes. Continual tracking of delays is required for demonstration of claim response that is factual, clear, and understandable. From analysis through strategy for defense, negotiations, expert reporting, and litigation support, Michael Baker has a deep background and track record through all phases of claims administration, management, expert testimony, and resolution.



Claims Mitigation Goals

- Our team will be proactive in preventing claims through early identification of the hot spots requiring mitigation strategies.
- Manage the project proactively
- Work to prevent claims through constructability & biddability reviews
- Provide complete, unambiguous contract docs
- Resolve issues quickly and prevent escalation
- Be prepared if issues are escalated



4.2.6 REFERENCES

REFERENCES



George T. Lohmeyer Treatment Plant Rehabilitation

Fort Lauderdale, Florida

Michael Baker provided construction engineering and inspection services for the George T. Lohmeyer Wastewater Treatment Plant. Under this contract, the scope of construction included restoring disturbed areas for the prestressed concrete cylinder pipe (PCCP) that convey pretreated raw sewage from reactor one and two's outlet boxes and clarifier influent wastewater to a battery three clarifier splitter box. The PCCP was replaced with ductile iron pipe or structurally lined.

This project entailed approximately 360 linear feet of new 42-inch, 48-inch, and 66-inch diameter ductile iron pipe and approximately 170 linear feet of 66-inch diameter PCCP, structurally lined. Michael Baker conducted daily inspection of the construction, administer construction activities, coordinate directly between the contractor and the Plant Staff, as well provided the City with analysis of proposed construction of large by-pass operations during construction. Project also included Asphalt Paving Restoration of disturbed areas during construction.

Client: City of Fort Lauderdale
100 N Andrews Avenue
Fort Lauderdale, FL 33301

Contact: Axel Rivera, Project Manager
954-828-5124
arivera@fortlauderdale.com

Firm's Role: Prime (Michael Baker)

Services:

- ✓ CEI
- ✓ Schedule support
- ✓ Value engineering
- ✓ Administrative support
- ✓ Agency coordination
- ✓ Bidding assistance

Period of Performance: 2020-2021

Project Costs:

\$3,500,000 (Construction)
\$334,857 (Fee)



Bermuda Riviera Water Main Replacement and Pavement Reconstruction

Fort Lauderdale, Florida

The project scope included 12,000 linear feet of water main replacement in an urban neighborhood along with commercial and residential services. The project also included reconstruction of 8,000 linear feet of roadway as well as mill and overlay of two intersections on US 1. The project included FDOT coordination as well as nighttime work and an extensive traffic control plan.

Client: City of Fort Lauderdale
100 N Andrews Avenue
Fort Lauderdale, FL 33301

Contact: Jean Examond, Project Manager
954-828-4507
jexamond@fortlauderdale.gov

Firm's Role: Prime (Michael Baker)

- Services:**
- ✓ CEI
 - ✓ Schedule support
 - ✓ Value engineering
 - ✓ Administrative support
 - ✓ Agency coordination
 - ✓ Bidding assistance

Period of Performance: 2020-2021

Project Costs:
\$2,000,000 (Construction)
\$267,350 (Fee)



JRTC Building Construction Design and CEI Management

Jacksonville, Florida

In Downtown Jacksonville, the Jacksonville Regional Transportation Center (JRTC) is a statement of revitalization, through modern architecture. This iconic facility is designed with a custom diamond shaped glass curtain wall that set the architectural feature carried throughout the facility.

The \$65 million mass transit hub will improve the flow of traffic by integrating multiple modes of transportation, including local and regional bus networks, taxis, rental car services, elevated monorail service, and any future rail service. The urban plaza will also feature a large open area with a revenue generating mixed-use retail opportunity.

The facility included the 60,000 square ft. JTA Administration and Bus Transfer Facility, a state-of-the-art Greyhound Bus Terminal, and pedestrian bridge. The team provided full architecture and building engineering, site design, urban planning, transportation engineering, landscape architecture, and construction administration.

Client: Jacksonville
Transportation Authority
P. O. Drawer "0"
Jacksonville, FL 32203

Contact: Greer Gillis, PE, Vice
President, Systems Development
904-630-3162
ggillis@jtafla.com

Firm's Role: Prime (Michael
Baker)

Services:

- ✓ CEI
- ✓ Schedule support
- ✓ Value engineering
- ✓ Administrative support
- ✓ Agency coordination
- ✓ Bidding assistance

Period of Performance: 2020-
2021

Project Costs:

\$65,000,000 (Construction)
\$1,564,829 (Fee)



Shuttle Landing Facility Block 1 Development Construction Management

Merritt Island, Florida

Michael Baker is providing full-time inspection services to monitor construction activities for Space Florida. Our team provides on-site observations of the quality and progress of the CM's work in order to determine if the construction is proceeding in accordance with the Construction Contract Documents. **Under this contract, Michael Baker has provided the following:**

- Prepare Quality Assurance Plans, which document the measures and procedures to be used to comply with the quality assurance and control provisions of the contract including quality assurance and acceptance tests required by the Construction Contract Documents.
- Project Management and Coordination: Provide Project Management services including financial, schedule, stakeholder, and document management.
- Pre-construction Conference and Construction Coordination Meetings: Attend meetings with Space Florida, Engineer of Record, and CM, such as preconstruction conferences, progress/construction meetings, job conferences and other project related meetings.
- Manage and maintain shop drawings, CM's schedule of values, and other construction submittals.
- Perform quality assurance materials testing and inspection progress.
- Review of Work, Rejection of Defective Work, Inspections and Tests: Conduct periodic on-site observations of the work in progress to assist in determining if the work is in general proceeding in accordance with the Construction Contract Documents.
- Records: Maintain electronic files of correspondence, reports of job conferences, shop drawings and samples logs, work directive changes, addenda, change orders, field orders, additional drawings issued subsequent to the execution of the contract.
- Reports: Furnish Engineer of Record and Space Florida progress monthly reports as required of the progress of the work and of CM's compliance with the progress schedule and schedule of shop drawings and sample submittals.

Client: Space Florida
100 Space Port Way
Cape Canaveral, FL 32920

Contact: Steve Szabo, Director of Planning & Development
321-730-5301
s.szabo@spaceflorida.gov

Firm's Role: Prime (Michael Baker)

Services:

- ✓ CEI
- ✓ Schedule support
- ✓ Value engineering
- ✓ Administrative support
- ✓ Agency coordination
- ✓ Bidding assistance

Period of Performance: Ongoing
Since 2021
(Est. completion: 2024)

Project Costs:
\$30,000,000 (Construction)
\$1,832,997 (Fee)



Downtown BRT Riverplace Boulevard Bus Station and ITS Install

Jacksonville, Florida

The Downtown BRT Riverplace Station and Fiber Optic Cable Installation project consisted of the construction of two additional transit stops on Riverplace Blvd for the Downtown BRT "Blue Line" Corridor. Each station consisted of bus station amenities (First Coast Flyer ad-shelters, informational totem kiosks, ticket vending machines and shelters, trash receptacles, bike racks and benches), sidewalk construction, underground electrical and fiber optic utilities, directional boring, and ITS connections in COJ traffic signal cabinets. This project occurred during the reconstruction of the COJ Riverplace Blvd. Bicycle and Pedestrian Improvements project and the FDOT Reconstruction of Main Street, Prudential drive and San Marco Blvd. The JTA CEI project team had to perform constant coordination with the COJ, FDOT and respective CEI firm.

Client: Jacksonville
Transportation Authority
P. O. Drawer "0"
Jacksonville, FL 32203

Contact: Greer Gillis, PE, Vice
President, Systems Development
904-630-3162
ggillis@jtafla.com

Firm's Role: Prime (Michael
Baker)

Services:

- ✓ CEI
- ✓ Schedule support
- ✓ Value engineering
- ✓ Administrative support
- ✓ Agency coordination
- ✓ Bidding assistance

Period of Performance: 2019 -
2019

Project Costs:

\$1,500,000 (Construction)
\$ 107,427 (Fee)

In addition to the Florida projects listed in this section, please feel free to contact the following references, which include out of state wastewater treatment plant clients. The following projects are similar in scope and size to the proposed project.



ALCOSAN WET WEATHER PLANT EXPANSION CEI SERVICES

Pittsburgh, Pennsylvania

Michael Baker has been a trusted consultant to ALCOSAN for decades, successfully delivering some of its most challenging projects. Currently Michael Baker is providing construction management services for the ALCOSAN Authority's Wet Weather Wastewater Treatment Plant Expansion Program.

One of the most complex and important public works projects in the history of Pittsburgh, ALCOSAN has developed a Wet Weather Plan that evaluates and improves multiple components of the ALCOSAN wastewater treatment plant system and increases capacity to receive more flows during wet weather events. The project will satisfy consent order requirements by expanding the processing capacity of the plant. The expansion of the plant's capacity will allow the plant to process more flow during wet weather and greatly reduce sanitary sewer overflows into the region's rivers. Construction of projects began in 2019 and is estimated to be completed in 2027.

Michael Baker is working with ALCOSAN staff, designers, and contractors to implement the Wet Weather Plant Expansion. Michael Baker is providing construction management services from pre-construction through closeout, including design phase services, constructability reviews, value engineering (VE), bidding assistance, resident inspection, scheduling, and start-up and commissioning services.

The expansion of the plant capacity for increased wet weather flow will include increase of overall plant capacity to 600 MGD, including a conventional bypass. Secondary treatment capacity will be increased to 295 MGD. To meet the required flows, it has been determined that several improvements will need to be made to the Woods Run Treatment Plant.

Other projects will be incorporated into expansion to meet the needs of operating the expanded plant. Additional ancillary projects include odor control for the increased process tanks and areas and utility relocations. There will be early action projects, including temporary disinfection system, 5 KV utility relocation, RAS piping and pump upgrades, and Main Pump Station discharge piping flow meter installation. Existing equipment in areas of major upgrades will be replaced as appropriate, such as the existing dewatering centrifuges.

Michael Baker is providing input into the packaging and sequencing of projects and QA/QC of the design products and is managing contractors to verify quality construction, control costs, and meet schedule.

Client: Allegheny County
Sanitary (ALCOSAN) Authority
3300 Preble Avenue
Pittsburgh, PA 15233

Contact: Kimberly Kennedy, PE
Director of Engineering &
Construction Engineering
412-734-6254
kimberly.kennedy@alcosan.org

Firm's Role: Prime (Michael
Baker)

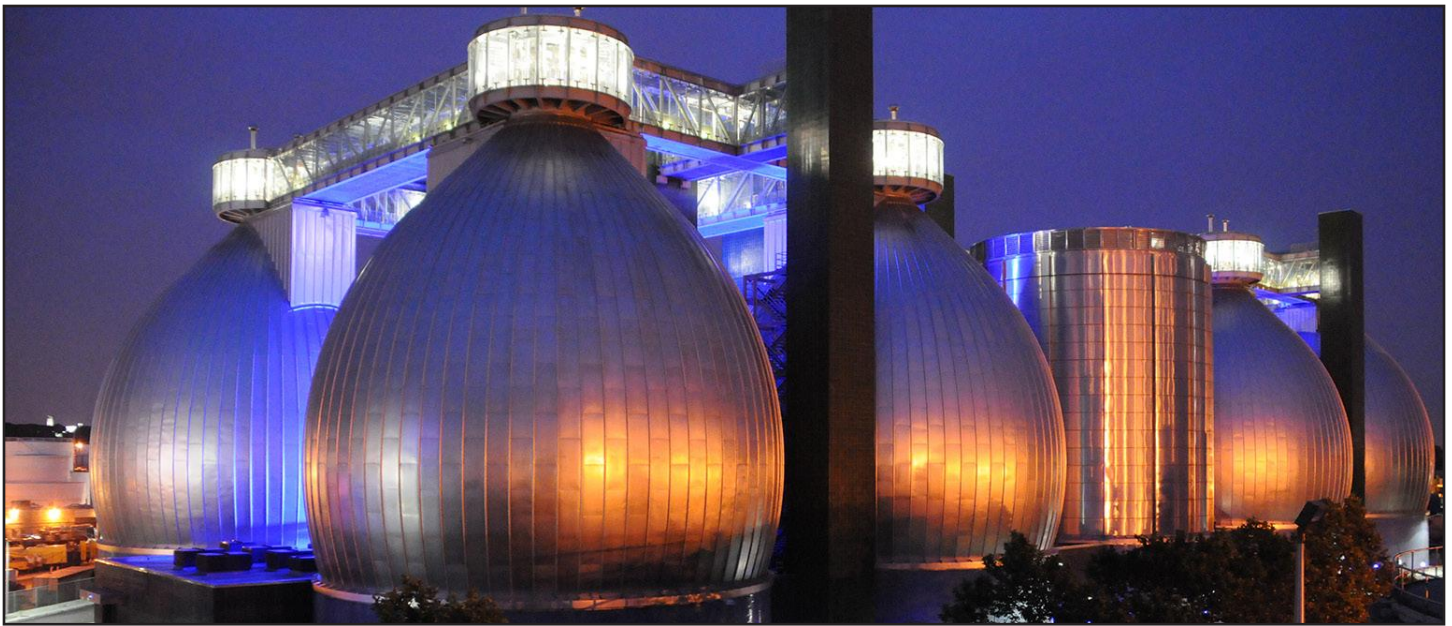
Services:

- ✓ CEI
- ✓ Schedule support
- ✓ Value engineering
- ✓ Administrative support
- ✓ Agency coordination
- ✓ Bidding assistance

Period of Performance: On-
going (Est. 2023)

Project Costs:

\$335,000,000 (Est. Construction)
\$3,723,000 (Fee)



CONSTRUCTION MANAGEMENT SERVICES FOR UPGRADE OF NEWTOWN CREEK WATER POLLUTION CONTROL PLANT

New York City, New York

Michael Baker provided construction management services as part of a tri-venture team for the \$1.5 billion, 10-year upgrade of the Newtown Creek Water Pollution Control Plant.

The upgrade was part of a multiyear, multimillion dollar capital improvement program for the wastewater treatment plant that is intended to increase the plant's current operating capacity by 50 percent and ensure that the facility complies with Clean Water Act treatment standards.

The plant is located on a 53-acre site and is the largest of the 14 wastewater treatment facilities within New York City. It processes approximately 310 million gallons of wastewater per day from the boroughs of Manhattan and Brooklyn. Construction includes the erection of eight 3-million-gallon carbon steel egg-shaped digesters and two 2.4-million-gallon steel sludge storage tanks. The three-phase upgrade encompasses a total of 15 construction contracts, many of which are being performed concurrently.

Construction management services included providing project management; performing resident engineering inspection; processing contractor payments; monitoring project operations and subcontracted expert services; preparing and reviewing the master Critical Path Method schedule, shop and working drawings, and as-built contract drawings; preparing change orders and contract modifications, an occupancy schedule, and delay analysis and claims reports; maintaining records; conducting a project constructability review; and providing select supplemental services, as required.

Coordinating the services of multiple contractors is challenging and requires in-depth management expertise. The task is even more difficult when many contracts must be performed simultaneously. The team will leverage its knowledge and experience in managing multiphase projects to ensure that there are no interruptions to plant operations during building construction and system startup.

Because of the size and complexity of the Newtown Creek plant upgrade, scheduling was critically important. In addition, consent order schedule compliance was essential to ensure that the plant met secondary wastewater treatment standards.

Client: New York City
Department of Environmental
Protection
96-05 Horace Harding
Expressway, Lefrak City Plaza
Corona, NY 11358

Contact: Ken Moriarty
Director of Engineering &
Construction Engineering
Acting Assistant Commissioner
718-595-6238
kmoriarty@dep.nyc.gov

Firm's Role: Prime (Michael
Baker)

Services:

- ✓ CEI
- ✓ Schedule support
- ✓ Value engineering
- ✓ Administrative support
- ✓ Agency coordination
- ✓ Bidding assistance

Period of Performance: 2011-
2021

Project Costs:

\$1,500,000,000 (Construction)
\$16,929,763 (Fee)



SANITARY SEWER INTERCEPTOR FORCE MAIN REPLACEMENTS

Virginia Beach and Norfolk, Virginia

Michael Baker provided engineering services for the replacement of two sanitary sewer force mains and several reconnections with city pump stations. Michael Baker's services included alignment evaluation, pipeline material evaluation, corrosion control, survey, easement plat preparation, geotechnical services, permitting, preparation of design plans and specifications, bidding-phase support, construction administration, and construction inspection.

The purpose of the project was to replace a 42-inch interceptor force main in Virginia Beach's Eastern Branch and a 24-inch interceptor force main in Norfolk's South Trunk.

The Eastern Branch sanitary sewer force main replacement project consisted of construction of 2,100 linear feet of 42-inch, ductile iron, sanitary sewer force main, and approximately 860 feet of 30-inch, ductile iron force main in a congested urban corridor. The project also included jack-and-bore operations under Indian River Road and Kempsville Road and several reconnections of city pump stations.

The South Trunk project involved the replacement of approximately 7,000 linear feet of 20-inch force main, 2,400 linear feet of 12-inch force main, 1,000 linear feet of eight-inch force main, and 650 feet of eight-inch gravity sewer pipe, including all city pump station reconnections.

The preliminary engineering for both projects included alignment evaluation, pipeline material evaluation, corrosion control, and coordination with various departments of both cities.

The design phase included surveys; preparation of easement plats; test holes; permitting, including a detailed traffic control plan for the City of Virginia Beach; and preparation of plans and specifications. Michael Baker also provided bidding-phase services, construction administration, and full-time construction inspection services.

Client: Hampton Roads
Sanitation District
P.O. Box 5911
Virginia Beach, VA 23455

Contact: Gary Hart, Chief of
Design & Construction
757-460-2261
ghart@hrsdc.com

Firm's Role: Prime (Michael
Baker)

Services:

- ✓ CEI
- ✓ Schedule support
- ✓ Value engineering
- ✓ Administrative support
- ✓ Geotechnical services
- ✓ Permitting
- ✓ Design
- ✓ Close-out documents

Period of Performance: 2007-
2014

Project Costs:

\$10,000,000 (Construction)
\$2,313,209 (Fee)



4.2.7 MINORITY/ WOMEN (MWBE) PARTICIPATION

MINORITY/WOMEN (M/WBE) PARTICIPATION

COMMITMENT TO UTILIZATION OF MINORITY, WOMEN-OWNED, SMALL AND EMERGING BUSINESSES

Firmwide, Michael Baker remains steadfast in its dedication to utilizing M/WBE to the greatest extent possible. Michael Baker believes that Good Faith Efforts are an ongoing process, one that should garner tangible teaming results each time staff reaches out to potential partners. This does not occur only when a project opportunity presents itself. Efforts are made regularly, through meetings and visits with potential teaming candidates, via lunch and learn sessions, by attending FDOT workshops, and during networking sessions. As a result, Michael Baker emerges having forged relationships with highly skilled, well-known DBE firms whose specialties, experience, familiarity and intimate knowledge of the industry compliment the firm's capabilities. This practice allows Michael Baker to build relationships with new and emerging businesses as well, which ensures that a broader base of DBE firms is included in potential opportunities.

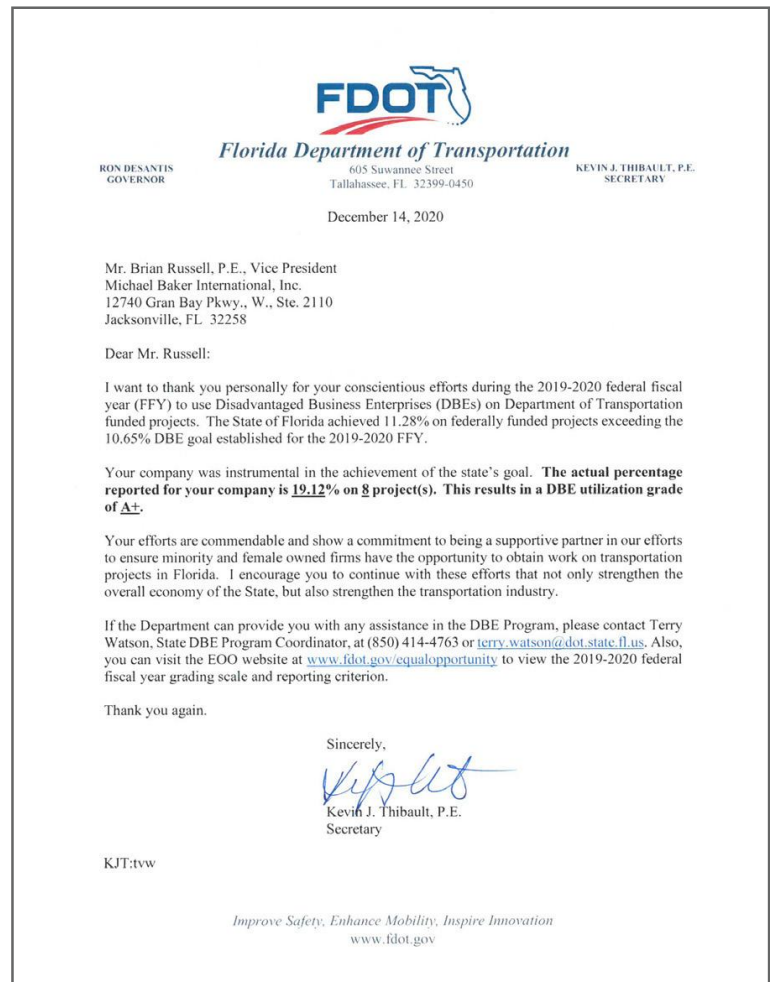
For this contract, we have developed a team of highly qualified M/WBE firms, including BSC Engineering and Thomas Geotechnical Services. Both of these firms have a long-standing reputation of high quality service and maintaining a standard of excellence. Michael Baker has selected subconsultant firms that present strong qualifications, and are locally owned and operated. Our team is committed to providing the necessary human and physical resources required to ensure that the City receives a quality product that offers the highest level of expertise, accuracy, timeliness, communication, accessibility, responsiveness, and innovation.

COMMITMENT TO EQUAL OPPORTUNITY AND DIVERSITY

Michael Baker is committed to maintaining a workforce that represents the cultural diversity of our ever changing environment. Whether with our customers, employees or applicants, we constantly seek to ensure that we maintain a policy and practice of inclusiveness and respect for all individuals. Accordingly, we reaffirm Michael Baker's long term commitment to the principles of equal employment opportunity. This commitment includes a philosophy that prohibits discrimination regarding recruitment, employment, compensation, promotion, and the terms and conditions of employment without regard to gender, race, age, sex, religion, ethnicity, creed, color, national origin, disability, veteran's status, marital status, citizenship status, sexual orientation, genetic information, or any other categories protected by applicable federal, state or local laws.

OUR COMMITMENT TO DIVERSITY WITHIN OUR COMMUNITY AND BEYOND

Michael Baker consistently engineers innovative solutions for its clients to help them overcome the most difficult challenges. Around the globe, our employees also give their time, talents and money to support worthy charitable causes. As a company, our goal is to constantly demonstrate how we make a difference in the communities where we live and work. Many of our local office staff are members of diverse social and professional organizations, specific to gender and ethnic background; that are dedicated to volunteer work within the Fort Lauderdale area.



"Your company was instrumental in the achievement of the state's goal. ...this results in a DBE utilization grade of A+."

-Kevin J. Thibault, PE, FDOT - Secretary



4.2.8 SUBCONSULTANTS

SUBCONSULTANTS

QUALIFICATIONS AND EXPERIENCE OF SUBCONSULTANTS

We are keenly aware that the timely and accurate completion of tasks are critical to successful project delivery. Accordingly, we have carefully selected subconsultants based on their experience working with our firm, familiarity with the City, and ability to adequately support this construction project. Michael Baker has a long history of working with each of our teaming partners to complete similar projects. Our established lines of communication and clear understanding of each other's methods will make our interactions more cohesive and collaborative.



EXP U.S. Services Inc. (EXP) | Inspection Services - Founded in 1906, EXP is a full-service firm that provides CEI, architecture, design, and consulting services to the world's built and natural environments. Our 4,000 employees work from over 90 offices in North America, including 10 offices and over 60 CEI professionals in Florida. Ranked #25 in ENR's Top 500 Engineering Firms, EXP is consistently recognized

by their clients for the quality of their services. EXP is a unique, award-winning firm that consistently fosters creative, fully integrated, and cost-effective solutions across all types of infrastructure. Our team is comprised of industry experts with significant experience in construction management, inspections, and project delivery of water distribution/wastewater collection, transmission main projects, yard piping and treatment plants. EXP's ENR #14 and #36 Rankings in Water Transmission Lines + Aqueduct and Water Supply; respectively is a testament to their local CEI professionals' expertise and capabilities. The firm's South Florida water and wastewater team is led by professionals with over 41 years of experience in large diameter pipe design, quality assurance/control, and installation in municipal water and wastewater treatment plants.



BSC Engineering | Environmental - BSC Engineering, Inc is a small woman owned business located in Broward County, Florida. The firm is primarily focused on environmental projects, including the planning, design, permitting and construction. BSC provides clients with personalized service, to address needs. Brenda Clark, the president of the company, has spent her entire career in South Florida and has assisted both the private sector and public sector in providing solutions to environmental problems. Brenda has experience in compliance monitoring, site assessments, and site remediation and is very familiar with the South Florida regulatory climate.



Thomas Geotechnical Services, LLC (TGS) | Geotechnical/Materials Testing - TGS is a consulting geotechnical engineering, construction materials testing and inspections firm with capabilities to provide test borings, engineering analyses and reports, MicroStation plan sheets, laboratory soils testing, and construction engineering inspection services.

The firm's professional team is committed to providing quality, responsive service for sound approaches and professional competence. TGS takes pride in bringing solutions, not problems, to their clients. Additionally, our services include threshold/special inspection and roofing inspection services. TGS's main office is in Jupiter, Florida with a branch office in West Palm Beach and Fort Lauderdale, Florida.



4.2.9 REQUIRED FORMS



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
07/05/2023

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 Aon Risk Services Central, Inc. Pittsburgh PA Office EQT Plaza ~ Suite 2700 625 Liberty Avenue Pittsburgh PA 15222-3110 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105 E-MAIL ADDRESS:														
INSURED Michael Baker International, Inc. 12740 Gran Bay Parkway West Suite 2110 Jacksonville FL 32258 USA	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: XL Insurance America Inc</td><td>24554</td></tr><tr><td>INSURER B: American Guarantee & Liability Ins Co</td><td>26247</td></tr><tr><td>INSURER C: Allied World Surplus Lines Insurance Co</td><td>24319</td></tr><tr><td>INSURER D: Zurich American Ins Co</td><td>16535</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: XL Insurance America Inc	24554	INSURER B: American Guarantee & Liability Ins Co	26247	INSURER C: Allied World Surplus Lines Insurance Co	24319	INSURER D: Zurich American Ins Co	16535	INSURER E:		INSURER F:	
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INSURER D: Zurich American Ins Co	16535														
INSURER E:															
INSURER F:															

COVERAGES **CERTIFICATE NUMBER:** 570099461248 **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.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	Limits shown as requested													
D	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			GL0419728101	08/30/2022	08/30/2023	<table><tr><td>EACH OCCURRENCE</td><td>\$1,000,000</td></tr><tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$1,000,000</td></tr><tr><td>MED EXP (Any one person)</td><td>\$10,000</td></tr><tr><td>PERSONAL & ADV INJURY</td><td>\$2,000,000</td></tr><tr><td>GENERAL AGGREGATE</td><td>\$2,000,000</td></tr><tr><td>PRODUCTS - COMP/OP AGG</td><td>\$4,000,000</td></tr></table>		EACH OCCURRENCE	\$1,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000	MED EXP (Any one person)	\$10,000	PERSONAL & ADV INJURY	\$2,000,000	GENERAL AGGREGATE	\$2,000,000	PRODUCTS - COMP/OP AGG	\$4,000,000
EACH OCCURRENCE	\$1,000,000																			
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PERSONAL & ADV INJURY	\$2,000,000																			
GENERAL AGGREGATE	\$2,000,000																			
PRODUCTS - COMP/OP AGG	\$4,000,000																			
D	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			BAP4197284-01	08/30/2022	08/30/2023	<table><tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$2,000,000</td></tr><tr><td>BODILY INJURY (Per person)</td><td></td></tr><tr><td>BODILY INJURY (Per accident)</td><td></td></tr><tr><td>PROPERTY DAMAGE (Per accident)</td><td></td></tr></table>		COMBINED SINGLE LIMIT (Ea accident)	\$2,000,000	BODILY INJURY (Per person)		BODILY INJURY (Per accident)		PROPERTY DAMAGE (Per accident)					
COMBINED SINGLE LIMIT (Ea accident)	\$2,000,000																			
BODILY INJURY (Per person)																				
BODILY INJURY (Per accident)																				
PROPERTY DAMAGE (Per accident)																				
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000			AUC053258204	08/30/2022	08/30/2023	<table><tr><td>EACH OCCURRENCE</td><td>\$10,000,000</td></tr><tr><td>AGGREGATE</td><td>\$10,000,000</td></tr></table>		EACH OCCURRENCE	\$10,000,000	AGGREGATE	\$10,000,000								
EACH OCCURRENCE	\$10,000,000																			
AGGREGATE	\$10,000,000																			
D	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WC419728201 AOS WC419728501 WI	08/30/2022	08/30/2023	<table><tr><td><input checked="" type="checkbox"/> PER STATUTE</td><td><input type="checkbox"/> OTHER</td></tr><tr><td>E.L. EACH ACCIDENT</td><td>\$1,000,000</td></tr><tr><td>E.L. DISEASE-EA EMPLOYEE</td><td>\$1,000,000</td></tr><tr><td>E.L. DISEASE-POLICY LIMIT</td><td>\$1,000,000</td></tr></table>		<input checked="" type="checkbox"/> PER STATUTE	<input type="checkbox"/> OTHER	E.L. EACH ACCIDENT	\$1,000,000	E.L. DISEASE-EA EMPLOYEE	\$1,000,000	E.L. DISEASE-POLICY LIMIT	\$1,000,000				
<input checked="" type="checkbox"/> PER STATUTE	<input type="checkbox"/> OTHER																			
E.L. EACH ACCIDENT	\$1,000,000																			
E.L. DISEASE-EA EMPLOYEE	\$1,000,000																			
E.L. DISEASE-POLICY LIMIT	\$1,000,000																			
C	<input checked="" type="checkbox"/> E&O - Professional Liability Primary			03124806 Claims Made SIR applies per policy terms & conditions	08/30/2022	08/30/2023	<table><tr><td>Per Claim</td><td>\$5,000,000</td></tr><tr><td>Aggregate</td><td>\$5,000,000</td></tr></table>		Per Claim	\$5,000,000	Aggregate	\$5,000,000								
Per Claim	\$5,000,000																			
Aggregate	\$5,000,000																			

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: MB Project Name: P-23-011 - Ultimate Urban Circulator (U2C) Phase 2 Skyway Conversion & Battery Electric Bus (BEB) Electrification, Project Number: 194949. Jacksonville Transportation Authority is included as Additional Insured in accordance with the policy provisions of the General Liability, Automobile Liability and Umbrella Liability Policies. General Liability, Automobile Liability and Umbrella Liability Policies evidenced herein are Primary and Non-Contributory to other insurance available to Additional Insured, but only in accordance with the policy's provisions. A waiver of Subrogation is granted in Jacksonville Transportation Authority of Certificate Holder in accordance with the policy provisions of the General Liability, Automobile Liability and Workers' Compensation Policies.

CERTIFICATE HOLDER City of Fort Lauderdale, Florida	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 <i>Aon Risk Services Central, Inc.</i>
---	--

Holder Identifier :

570099461248

Certificate No :



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.

Authorized Signature

Brian Russell, PE

Name (Printed)

Vice President

Title

07/12/2023

Date



**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. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

A handwritten signature in blue ink, appearing to read "B. Russell", written over a horizontal line.

Authorized Signature

Brian Russell, PE - Vice President

Print Name and Title

07/12/2023

Date



E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: EVENT/RFQ NO # 114

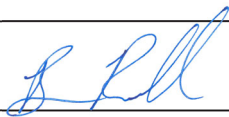
Project Description: Construction Engineering & Inspect

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: Michael Baker International, Inc.

Authorized Company Person's Signature: 

Authorized Company Person's Title: Vice President

Date: 07/12/2023



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 the credit card 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

☒ Visa

Michael Baker International, Inc.

Company Name

Brian Russell, PE

Name (Printed)

A handwritten signature in blue ink, appearing to read "B. Russell", written over a horizontal line.

Signature

Vice President

Title

07/12/2023

Date

BID/PROPOSAL 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)

Address:

City:

State:

Zip:

Telephone No.:

FAX No.:

Email:

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.

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
<input type="text" value="1"/>	<input type="text" value="06/28/2023"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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.**

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:

Name (printed)

Date



Title